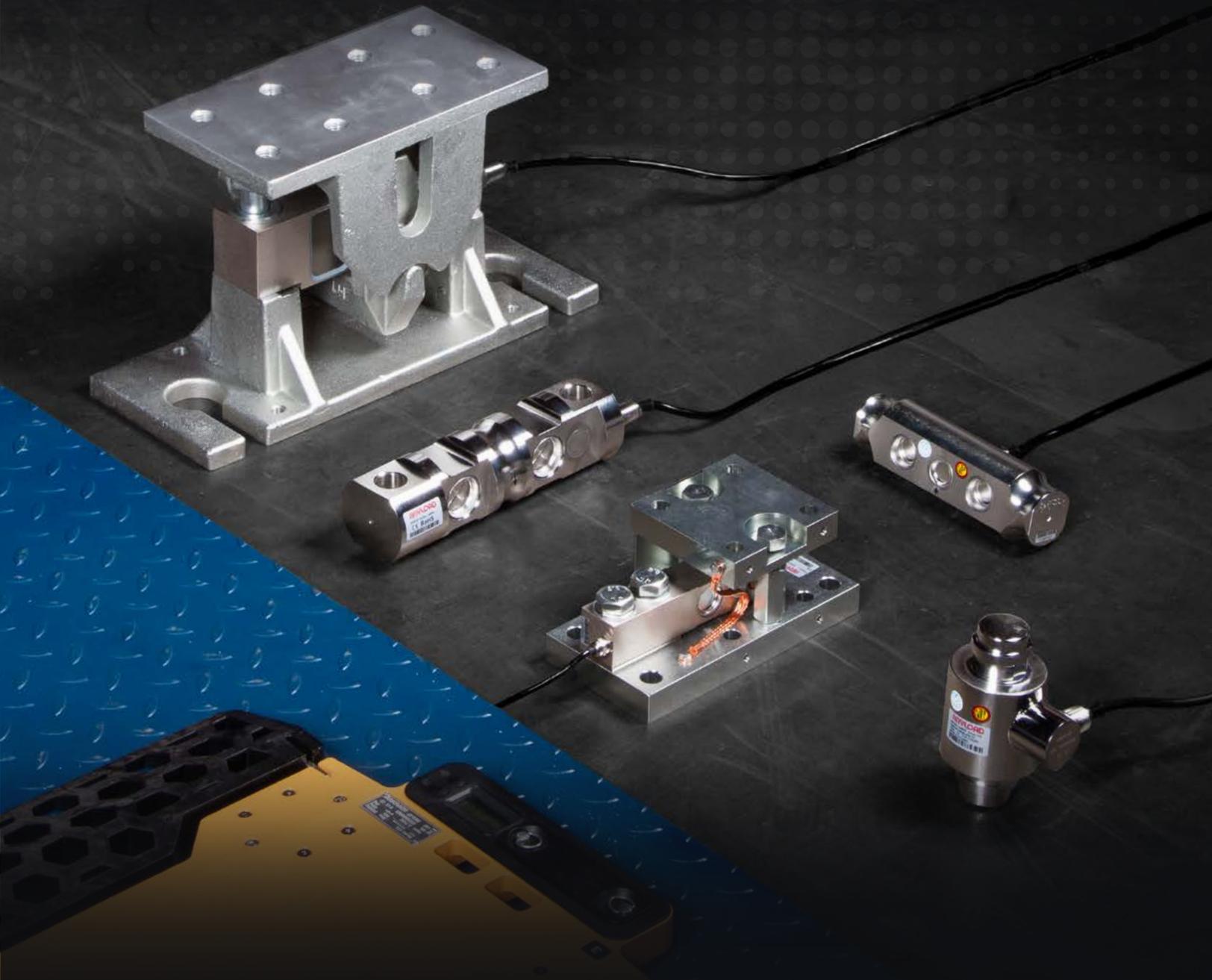


ANYLOAD[®]



PRODUCT CATALOGUE

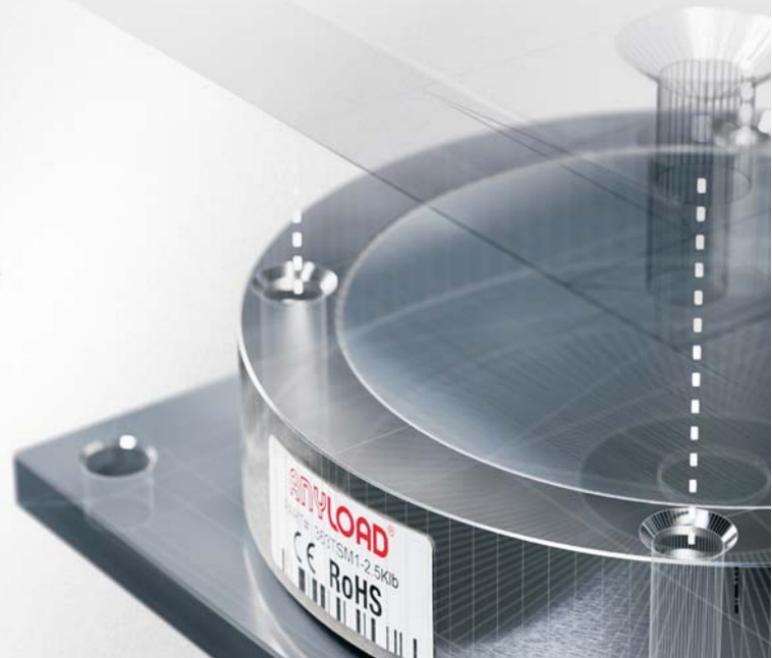
2026

FIRST CHOICE FOR

OEM Solutions & Scale Dealers



CE RoHS



Since 1991, ANYLOAD has been an integrated design and manufacturing company specializing in the development and production of load cells, force transducers, indicators, remote displays, weighing and measurement components, and complete scales. In addition to supporting our customers and the conventional weighing industry with an array of standard industry product models, we specialize in customized solutions developed to the highest quality standards. We strive for industry-leading innovation while keeping to our fundamental principles of quality, value, and customer satisfaction.

Custom weighing and Measurement Solutions

For over 30 years, ANYLOAD has been providing custom weighing and measurement solutions for a wide range of applications and industries around the world. Equipped with an industry-leading collection of test machinery, a large technical design team, and geared for both small and large volume manufacturing, we offer "fast prototyping" design services, ranging from customer-specific solutions to modifications of our own products to suit our customers' unique applications for any sector.

Approvals and Certifications

As an ISO 9001:2015 certified and Verification Conformity Assessment Program (VCAP) registered company, we uphold the highest international standards for quality management, environmental practices, and product performance. We hold numerous patents on load cell designs as well as international compliance certificates such as (NTEP) set by the National Conference on Weights and Measure (NCWM), additional legal-for-trade certifications from the International Organization of Legal Metrology (OIML) and Measurement Canada (MC), Restriction of Hazardous Substance (RoHS), and Conformance Européenne (CE). We are especially proud to hold the Factory Mutual (FM) Canada and US, International Electrotechnical Commission Explosive (IECEx), and (ATEX).

RECENT MODELS

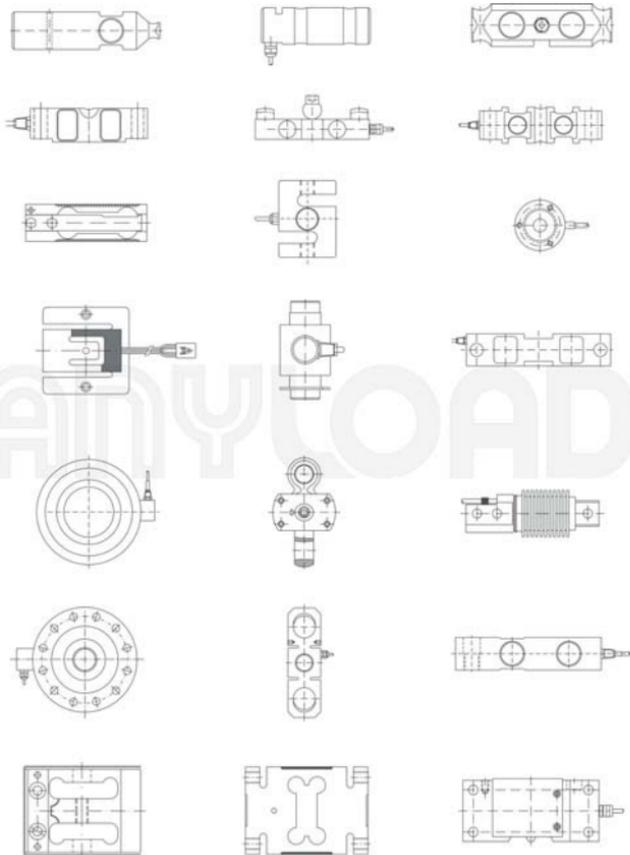


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SINGLE ENDED BEAM LOAD CELLS

INTERCHANGEABLE

F20	 563FSAS	Stainless Steel 2.5Klb Protection Class: IP66 CE, RoHS	
F21	 563RS	Stainless Steel 5; 10; 20; 30; 50; 100; 200; 350; 500kg Protection Class: IP68 CE, RoHS	Cardinal: C86 Coti: CG-Z6 Filme: S8B HBM: Z6 Mettler-Toledo: MTB Rice Lake: RL-HBM/RL9018SS Celltron: HBB Revere: SHB Tede: 355
F22	 563SH	Alloy Steel 25; 50; 100; 150; 200; 250; 500lb Protection Class: IP65 CE, RoHS	Artech: 50210 Rice Lake: RL50210 Revere: 553 Sensortronics: 60040
F23	 563SHBB	Alloy Steel 50; 100; 200; 250; 500lb; 1K; 2.5Klb Protection Class: IP65 CE, RoHS	Artech: 40310 Fairbanks: 3-481XX-1/ 3-48660-1 HBM: BBS Rice Lake: RL408BS Sensortronics: 65087
F24	 563WS; 563WS30	Stainless Steel 1.25K; 2.5K; 5K; 10K; 25K; 37.5K; 50K 60K; 75Klb Protection Class: IP67 CE, RoHS	Avery Weigh-Tronix: Weigh Bar /27173 /50104 / SS59 /AWT7-5000B0 Coti: CG-WB-SS/ CG-WB-SS-500lb-27173/ CG-WB-SS-500lb-50104/ CG-WB-SS-400lb-55873/ CG-WB-SS-750lb-EZPOST Rice Lake: RL7500SS RL32011WB-L
F26	 563WS-WBL	Stainless Steel 1.25Klb Protection Class: IP67 CE, RoHS	Avery Weigh-Tronix: Bolt-In Weigh Bar Coti: CG-WBL-SS-1.25Klb Rice Lake: RL32011WB-T-1.25Klb
F27	 563YA	Aluminum 200; 300lb Protection Class: IP67 CE, RoHS	Tede: 3310
F30	 563YH	Alloy Steel 100; 200; 300; 500; 750kg; 1t; 1.5t; 2t; 2.5t; 3t; 5t; 10t; 20t/ 100; 250; 500lb; 1K; 1.5K; 2K; 2.5K; LE2.5K; 4K; SE5K; 5K; 10K; 15K; 20Klb Protection Class: IP66/IP67 CE, RoHS	Artech: 30310 CAS: BSA Coti: CG-23 Rice Lake: RL30000/RL32018 RL35023 Celltron: SOB Revere: 5123 Sensortronics: 65023A Tede: 3411
F28	 563YH-23	Alloy Steel 250; 500lb; 750lb; 1K; 1.5K; 2K; 2.5K; 3K; 4K; SE5K; 5K; 10K; 15K; 20Klb Protection Class: IP67 CE, RoHS	Artech: 30310 Coti: CG-23 Rice Lake: RL30000/RL32018 RL35023 Celltron: SOB Revere: 5123 Sensortronics: 65023A Tede: 3411
F31	 563YHFK	Alloy Steel 125; 250; 500kg; 1t; 2.5t; 5t; 10t Protection Class: IP66/IP67 CE, RoHS	Kelba: KA
F32	 563YHMS	Alloy Steel 1K; 3K; 5K; 10K; 20Klb Protection Class: IP67 CE, RoHS	Coti: CG-SB2L/SB2M, CG-743 Mettler-Toledo: Masstron ML4311-4449/0743 Rice Lake: RL-SB2M/RL-SB2L

		INTERCHANGEABLE	
F33	 5633HRT	Alloy Steel 1K; 2.5K; 4K; 5K; 10Klb Protection Class: IP67	Artech: 30410 Coti: CG-30410 Revere: 8723
F29	 563YS; 563YS30	Stainless Steel 250; 500kg; 1t; 2t; 3t; 5t; 10t/ 500lb; 1K; 2K; 2.5K; 4K; 5K; 10K; 15K; 20Klb Protection Class: IP68	563YS: Coti: CG-23-SW-02 Rice Lake: RL3082/RLHTO Sensortronics: 65083S Teda: 3510-kg 563YS30: Artech: SS30310 Coti: CG-23-SW-03 HBM: S33H30 Mettler: Toledo: 0793 Rice Lake: RL32018S/RL32018S-HE/RL35083/ RL39123/RL39203S Caltron: SDB-HSS Revere: 9123 Sensortronics: 65023S/65023SS/65083 Teda: 3910-3lb
F34	 563YSBK; 563YSBKUN	Stainless Steel 200; 250; 500kg; 1t; 2t Protection Class: IP67	Flintec: BK2
F35	 563YSLB	Stainless Steel 500lb; 1K; 2.5Klb Protection Class: IP67	Cardinal: LFB Coti: CG-HMT
F36	 563YSLF	Stainless Steel 1.5K; 2.5K; 5Klb Protection Class: IP67	Coti: CG-BLF HBM: BLF Fairbanks: 3-63581-X/ 3-92921-1
F37	 563YSMT	Stainless Steel 250; 500lb; 1.25K; 2.5K; 4K; 5K; 10Klb Protection Class: IP66/IP68	Coti: CG-745 HBM: TIC Mettler-Toledo: MT0744 MT0745A Rice Lake: RL30745
F38	 563YSMT-4	Stainless Steel 5; 10; 20; 50; 100kN Protection Class: IP66/IP68	Flintec: SB4
F39	 563YSRS	Stainless Steel 1K; 2K; 5K; 10Klb Protection Class: IP68	Artech: SS30610 Coti: CG-SB3 HBM: SB3 Rice Lake: RLSSB Revere: 938
F40	 563YSSB	Stainless Steel 2.5K; 5K; 10K; 20Klb Protection Class: IP68	Cardinal: SB Coti: CG-SB250 Rice Lake: RLSS250

DOUBLE ENDED BEAM LOAD CELLS

F41	 102AH	Alloy Steel 5t; 10t; 15t; 20t; 25t; 30t; 50t Protection Class: IP67	Artech: 80210 Coti: CG-58 Rice Lake: RL75068 Caltron: CLB Revere: 5303 Sensortronics: 65058A Teda: 4158
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DOUBLE ENDED BEAM LOAD CELLS

		INTERCHANGEABLE	
F42	 102BH	Alloy Steel 5t; 10t; 15t; 20t; 25t; 30t; 35t; 50t/ 10K; 20K; 25K; 40K; 50K; 60K; 75K; SE 100K; 100K; 125K; 200K; 300K; 400Klb Protection Class: IP67	Artech: 70310 Coti: CG-58 Rice Lake: RL75068 Caltron: CLB Revere: 5303 Sensortronics: 65058A Teda: 4158
F43	 102BS	Stainless Steel 10K; 20K; 24K; 50K; 60K; 75Klb Protection Class: IP68	Artech: SS70310 Coti: CG-58-SSW Rice Lake: RL75068S Revere: 9303 Sensortronics: 65058S
F44	 102DH	Alloy Steel 5K; 10K; 15K; 20K; 30K; 40K; 50K; 60K; 75K; 100K; 150K; 200K; 250Klb Protection Class: IP67	Artech: 70210 Coti: CG-5103 Rice Lake: RL70900 /RL72020 Mettler Toledo: SLD430 Revere: 5169 Sensortronics: 60058
F45	 102DS	Stainless Steel Welded Seal 5K; 10K; 15K; 20K; 30K; 40K; 50K; 60K; 75K; 100K; 150K; 200Klb Protection Class: IP68	Artech: SS70210 Coti: CG-5103-SW Mettler Toledo: SLD-530 Rice Lake: RL70005SS /RL70195S RL72005S Revere: 9103
F46	 102EH	Alloy Steel 1K; 1.5K; 2.5K; 5K; 10K; 15K; 20K; 25K; 35K; 50K; 60K; 75K; 100K; 125K; 200K; 300Klb Protection Class: IP67	Artech: 70510 Coti: CG-16 Rice Lake: RL75016/RL77032 Mettler Toledo: SLD425 Caltron: DSR Revere: 5203 Sensortronics: 65016
F48	 102EWEL	Alloy Steel 40K; 50Klb Protection Class: IP67	Coti: CG-STR Epeisa: STR
F47	 102ES	Stainless Steel 2.5K; 5K; 10K; 15K; 25K; 35K; 50K; 60K; 75Klb Protection Class: IP68	Artech: SS70510 Coti: CG-16-SSW Rice Lake: RL75016SS/RL75016WH/ RL77032SS/RL77032SS HE Mettler Toledo: SLD525 Caltron: DSR-6S Revere: 9203 Sensortronics: 65016W/65016WH
F49	 102FS	Stainless Steel 50K; 75Klb Protection Class: IP68	Cardinal: DB50000S/ DB75000S Coti: CG-DB50000S Rice Lake: RLDB50000S/ RLDB75000S
F50	 102MH	Alloy Steel 25k Protection Class: IP67	Coti: CG-SLS Massoud: RL1100
F51	 102MHML	Alloy Steel 25k Protection Class: IP67	Coti: CG-SLS Massoud: RL1100
F52	 102RH	Alloy Steel 10t; 15t/ 50K; 65K; 75K; 100K; 125Klb Protection Class: IP68	Artech: 80210 Coti: CG-5223 Rice Lake: RL75223 Revere: 5223 Sensortronics: 65040-1127W

DOUBLE ENDED BEAM LOAD CELLS



Alloy Steel
60Kib
Protection Class: IP68
CE RoHS

INTERCHANGEABLE

BIM: SD860Kib



Alloy Steel
25K; 40K; SE50K; SE60K; 60K;
SE75K; 75K; 100K; 125Kib
Protection Class: IP67
CE RoHS

Artech: 80310
Coti: CG-BE48
Rice Lake: RL7040
Celtron: DLB
Revere: 9323/9393
Sensortronics: 65044A

S-BEAM LOAD CELLS



Alloy Steel
1; 2; 3; 5; 10; 20; 30kg
Protection Class: IP65
CE RoHS

INTERCHANGEABLE



Aluminum
10; 20; 50; 100; 200kg
Protection Class: IP67
CE RoHS



Alloy Steel
50; 100; 200; 300; 500kg; 1t; SE2t; 2t; 3t; 5t; 10t
Protection Class: IP68/IP67
CE RoHS

Tedea: 615



Stainless Steel
300; 500kg; 1t; 2t; 3t; 5t; 10t/ 500lb; 1K;
1.5K; 2K; 2.5K; 3K; 5K; 10K; 15K; 20Kib
Protection Class: IP68
CE RoHS

Coti: CGSB-SSW
HBM: RSC
Rice Lake: RL2001HE
Celtron: STC HSS
Sensortronics: 50063
Tedea: 616/620



Alloy Steel
50; 100; 200; 250; 300; 500; 750lb; 1K; 1.5K;
2K; 2.5K; 3K; 5K; 10K; 15K; 20Kib
Protection Class: IP68/IP67
CE RoHS

Artech: 20210
Coti: CGSB/CGSB-1
Rice Lake: RL20000/RL20001
Celtron: STC
Revere: 363
Sensortronics: 60001



Alloy Steel
5K; 10Kib
Protection Class: IP67
CE RoHS

Sensortronics: 60001
Rice Lake: 20001
Vishay Celtron: STC



Stainless Steel
50; 100; 250; 500lb; 1K; 1.5K; 2K; 2.5K; 3K; 5K;
10K; 15K; 20Kib
Protection Class: IP68/IP67
CE RoHS

Artech: S23210
Coti: CGSB-SS
Rice Lake: RL20000 SS
RL20000 ST
Celtron: STC-SS
Revere: 9363
Sensortronics: 60050

SINGLE POINT LOAD CELLS



Aluminum
0; 1; 0.2; 0.3; 0.5; 1; 2; 3; 5kg
Max. Platform Size: 200 x 200 / 230 x 230mm
Protection Class: IP66
CE RoHS

INTERCHANGEABLE



Aluminum
3; 5; 10; 15; 20; 30; 50; 90kg
Max. Platform Size: 350 x 350 mm
Protection Class: IP66
CE RoHS

Vishay Tedea-Huntleigh: 1010 / 1015



Aluminum
3; 6; 7; 10; 15; 20; 30; 35; 40; 50; 60; 75;
100; 150kg
Max. Platform Size: 400 x 400mm
Protection Class: IP66
CE RoHS

HBM: PW6C/PW6K
Mettler-Toledo: MT1022
Flintec: PC22
Rice Lake: RL1521A
Celtron: LPS ME 6-35kg
Tedea: 1022



Aluminum
3; 5; 7; 10; 15; 20; 30; 50; 100kg
Max. Platform Size: 350 x 350mm
Protection Class: IP66
CE RoHS

Vishay Tedea-Huntleigh: 1030



Aluminum
10; 20; 30; 60; 100; 150; 200; 250; 300;
500; 600; 750kg; 1t
Max. Platform Size: 600 x 700mm
Protection Class: IP66
CE RoHS

Coti: CG-50-2
HBM: PW6AA
Tedea: 1263



Aluminum
500; 800kg; 1t; 1.5t; 2t
Max. Platform Size: 1200 x 1200mm
Protection Class: IP66
CE RoHS

Celtron: HOC
Tedea: 1320
Flintec: PC81



Aluminum
30; 60; 100; 150; 200; 300kg
Max. Platform Size: 450 x 450mm
Protection Class: IP66
CE RoHS

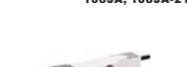


Aluminum
50; 100; 250; 635kg; 1t
Max. Platform Size: 550 x 600mm
Protection Class: IP66
CE RoHS



Aluminum
108JA: 20; 50; 60; LE60; 75; LE75; 100; LE100; 150;
SE150; SE200; 200; SE300; 300; SE400; 400; 500;
SE600; 750kg; 1t; 1.5t; 2t
108JA-21: 30; 50; 75; 100; 150; 250kg
Max. Platform Size: 108JA: 20-100kg: 460 x 600mm
150-400kg: 600 x 600mm
500kg-2t: 900 x 900mm
108JA-21: 500 x 500mm
Protection Class: IP68
CE RoHS

108JA-21: Anyload: 108LAMT
Vishay-Tedea Huntleigh: 1242/
1241
(metric thread)
Mettler-Toledo: MT1241



Stainless Steel
4; 7; 10; 15; 20; 30; 50; 75; 100; 150kg
Max. Platform Size: 400 x 400mm
Protection Class: IP66
CE RoHS

108KS: Flintec: PC30
Tedea: 1130
108KSUN: Coti: CG-1130
Avery Weigh-Tronix: MK29
Tedea: 1130
(mounting hole: 1/4"-20UNC)

INTERCHANGEABLE

F72		Stainless Steel 30; 50; 100; 150; 200; 250; 300kg Max. Platform Size: 500 x 500mm Protection Class: IP66 CE, RoHS	Anyload: 108JA-21 Mettler-Toledo: MT1241
F73		Stainless Steel 30; 50; 100; 200; 300kg Max. Platform Size: 500 x 500mm Protection Class: IP66 CE, RoHS	Mettler-Toledo: SSP1241
F76		Aluminum 50; 75; 100; 150; 200; 250; 300; 500; 635; 660; 1000kg Max. Platform Size: 610 x 700mm Protection Class: IP66 CE, RoHS	108MA; Mettler-Toledo: MT1260 108MAUN; Cati: CG-50-1 HBM: PW16 Rice Lake: RL1260/RL26018A/ RLPWW16 Tedes: 1260
F80		Aluminum 0,2; 0,3; 0,6; 1; 2; 3; 6kg Max. Platform Size: 200 x 200 / 230 x 230mm Protection Class: IP66 CE, RoHS	HBM: SPL Tedes: 1004
F78		Stainless Steel 6; 10; 15; 25; 50; 100; 200; 500lb; 1Kib Max. Platform Size: 6 lb-100 lb: 400 x 450mm 200 lb: 500 x 550mm 500 lb; 1Kib: 650 x 700mm Protection Class: IP66 CE, RoHS	Cardinal: SP Coti: CG-SPL/CG-SPLM
F79		Stainless Steel 250lb Max. Platform Size: 400 x 450mm Protection Class: IP66 CE, RoHS	Avery Weigh-Tronic: FLS Rice Lake: RLFLS
F81		Aluminum 6; 10; 15; 20; 30kg Max. Platform Size: 250 x 250mm Protection Class: IP66 CE, RoHS	
F84		Aluminum 3; 5; 7; 10; 15; 20; 30; 50; 75; 100; 150; 200kg Max. Platform Size: 400 x 450mm Protection Class: IP66 CE, RoHS	108TA; Flinte: PC42 (20-150kg) Revere: 642C Tedes: 1042 108TAUN; Cardinal: TSP Coti: CG-42 HBM: SP4 Rice Lake: RL1042/ RLSPA/RL42018A Revere: 642 Tedes: 1042 (imperial threads)
F86		Aluminum 30; 60; 150kg Max. Platform Size: 400 x 400mm Protection Class: IP66 CE, RoHS	A&D: LC-4102
F87		Aluminum 30; 60; 100; 150kg Max. Platform Size: 400 x 400mm Protection Class: IP66 CE, RoHS	A&D: LC-4103

INTERCHANGEABLE

F83		Aluminum 75; 150; 300kg Max. Platform Size: 400 x 400mm Protection Class: IP66 CE, RoHS	Yamato: UH69
F88		Stainless Steel 5; 10; 15; 20; 30; 50; 75; 100; 150kg Max. Platform Size: 450 x 500mm Protection Class: IP66 CE, RoHS	108TS; Cardinal: TSSP Flinte: PCL (30-100kg) HBM: PW15A Tedes: 1142 108TSUN; HBM: PW15 Rice Lake: RL1140/RL1385 Tedes: 1140
F89		Stainless Steel 7; 10; 15; 30; 60; 100; 150kg Max. Platform Size: 400 x 400mm Protection Class: IP66 CE, RoHS	Coti: CG-PWS HBM: PWS Rice Lake: RL1380/RLPC3SS
F90		Stainless Steel 10; 15; 25; 50; 100lb Max. Platform Size: 10; 15; 25lb: 200 x 250mm 50; 100lb: 300 x 300mm Protection Class: IP66 CE, RoHS	Coti: CG-51 Sensortronics: 60051
F91		Stainless Steel 50; 100; 200; 400; 500lb; 1Kib Max. Platform Size: 50-500lb: 500 x 500mm 1Kib: 750 x 750mm Protection Class: IP66 CE, RoHS	Coti: CG-6054B Sensortronics: 60048
F92		Aluminum 30; 50; 100; 150; 200; 300; 500; 635; 700kg; 1; 1.5t Max. Platform Size: 750 x 750mm Protection Class: IP66 CE, RoHS	108UA; Cardinal: CHB 108UAUN; Anyload: 651BAUN Caton: LOC Coti: CG-50 Flinte: PCB HBM: PW12/PW12B Revere: 652 Sensortronics: 60060 Tedes: 1250
F92		Alloy Steel 300; 400; 500; 750kg; 1t Max. Platform Size: 600 x 700mm Protection Class: IP66 CE, RoHS	
F93		Stainless Steel 150kg Max. Platform Size: 400 x 400mm Protection Class: IP66 CE, RoHS	Mettler-Toledo: 0756
F94		Aluminum 5; 10; 15; 30; 50; 90; 100kg Max. Platform Size: 400 x 400mm Protection Class: IP66 CE, RoHS	651AA; Tedes: 1010/1015 651AAUN; Cati: CG-1010 HBM: SP10 Rice Lake: RL1010 Tedes: 1010/1015
F95		Stainless Steel 6; 12; 20; 30; 50; 60kg Max. Platform Size: 350 x 350mm Protection Class: IP68/IP69K CE, RoHS	Revere: HP5M

INTERCHANGEABLE

P96		651JS Stainless Steel 50; 75; 200; 400kg Max. Platform Size: 600 x 600mm Protection Class: IP68/IP69K 	Anyload: 108JA
P97		651KS22; 651KSGS Stainless Steel 50; 100; 250; 500kg Max. Platform Size: 600 x 600mm Protection Class: IP68/IP69K/IP66 	651KS22: Flintec: PC7 Mettler-Toledo: SSH Tedsa: 1510
P75		651K355UN Stainless Steel 50; 75; 100; 150; 200; 250; 300; 500kg Max. Platform Size: 610 x 700mm Protection Class: IP68 	Coti: CG-50-1 HBM: PW16 Rice Lake: RL1260 Tedsa: 1260
P98		651KS96 Stainless Steel LE10kg; LE20kg; LE50kg; LE100kg; LE200kg Max. Platform Size: 610 x 700mm Protection Class: IP68/IP69K 	Flintec: PCB
P99		651KSB; 651KSBUN Stainless Steel 100; 250; 500kg Max. Platform Size: 800 x 800mm Protection Class: IP68/IP69K 	651KSB: Flintec: PCB 651KSBUN: Flintec: PCB Rice Lake: RLPCBC-0
P67		651KSCS Stainless Steel 60; 100; 150; 200; 250; 300; 500; 600; 750kg; 1t Max. Platform Size: 600 x 700mm Protection Class: IP68 	
P100		651TA; 651TAUN Aluminum 10; 15; 20; 30; 50; 75; 100; 200kg Max. Platform Size: 450 x 500mm Protection Class: IP66 	651TA: Mettler-Toledo: MT1041 Tedsa: 1040/1041 651TAUN: Celtron: LOC Coti: CG-40 Rice Lake: RL1040 Tedsa: 1040/1041

CANISTER & DISK LOAD CELLS

INTERCHANGEABLE

P101		106BH Alloy Steel 100; 200; 300; 500; 800; 1000t Protection Class: IP67 	
P102		106CS; 106CS20 Stainless Steel 10; 15; 25; 40; 50; 100t / 10K; 25K; 50K; 100K; 200Kib Protection Class: IP68 	106CS: Cardinal: CP1 Coti: CS-175 Revere: CP3928 106CS20: Coti: CG-2665 Rice Lake: RLCS21 Revere: CSP692B

CANISTER & DISK LOAD CELLS

INTERCHANGEABLE

F103		106ES Stainless Steel 50K; 100Kib Protection Class: IP68 	Cardinal: SCA Coti: CG-265
F104		106HS Stainless Steel 20; 30; 40t Protection Class: IP68 	Coti: CG-2654 HBM: C16 Revere: ASC
F105		106HSCP Stainless Steel 35t Protection Class: IP68 	Bilanciai: CPR-M
F106		106XS Stainless Steel 50K; 100Kib Protection Class: IP68 	Coti: CG-CC22 Mettler-Toledo: B1088360A B10887700A Totolcomp: T752
F107		106MS-F-YZ Stainless Steel 500kg; 1t; 2t; 5t; 10t; 1K; 2.5K; 5K; 10K; 20Kib Protection Class: IP67 	
F114		106PS; 106PS20 Stainless Steel 50K; 100Kib Protection Class: IP68 	106PS: Coti: CG-93 Revere: 93 106PS20: Coti: CG-92 Revere: 92
F108		106RS Stainless Steel 7.5; 15; 22.5; 30; 40; 50; 100t Protection Class: IP68 	Coti: CG-2656 Flintec: RC1 Fairbanks: LCF HR4020-2A(30), part # 70510
F111		106RS-FB Stainless Steel LE50Kib; 56Kib; 250Kib Protection Class: IP68 	Coti: CG-2651 50K (el) CG-2652 56K Flintec: RC1 Fairbanks: LCF HR4020-2, part # 64166 LCFHR4020-19 Rice Lake: RL75114
F112		106TS Stainless Steel SE30t; 30t; SE50t / 50K; 100Kib Protection Class: IP68 	Coti: CG-2657 Mettler-Toledo: Powercell 760/ M73 0782
F115		266AA; 266AH Aluminum 25; 50kg Alloy Steel 100; 200; 300; 500kg; 1t; 2t; 3t; 5t; 10t; 20t; 30t Protection Class: IP66 / IP67 	
F118		266AS Stainless Steel 100; 200; 250; 500kg; 1t; 2t; 5t; 10t; 20t; 30t Protection Class: IP68 	

INTERCHANGEABLE

P119		266ASPT Stainless Steel 100; 250; 500kg; 1t; 2.5t; 5t; 10t; 25t; 50t Protection Class: IP68 CE, RoHS	PT Global: LPX
P120		276EH Alloy Steel 5; 10; 25; 50; 100t Protection Class: IP67 CE, RoHS	
P121		363HHAN Alloy Steel 60t Protection Class: IP67 CE, RoHS	
P122		363YH Alloy Steel 1; 2; 3; 5; 10; 20; 30; 50; 100; 150; 200; 300t Protection Class: IP67 CE, RoHS	
P124		363YS Stainless Steel 1; 2; 3; 5; 10; 20; 30; 50; 100; 150; 200; 300t Protection Class: IP68 CE, RoHS	

PLANAR LOAD CELLS

INTERCHANGEABLE

P126		212UA Aluminum 3.75; 7.5; 15; 37.5; 75; 150; 375kg Protection Class: IP65 CE, RoHS	Flintec: PB Rice Lake: RL BLP
P128		202WA Aluminum 100; 200; 300kg / 12.5; 18.75; 25; 37.5; 50; 100; 200lb Protection Class: IP65 CE, RoHS	
P129		202WH Alloy Steel 250kg Protection Class: IP65 CE, RoHS	

LOAD PINS

P130		535TS Stainless Steel 2; 5; 10; 20; 40; 70; 100t Protection Class: IP67 CE, RoHS	
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TENSION LINKS

F131		110BH Patent Design Alloy Steel 1; 2; 5; 10; 20; 30; 50; 75; 100; 120t Protection Class: IP67 CE, RoHS	
F132		110ES-WL-HP Wireless Tension Link Stainless Steel 1; 2; 5; 10; 20; 30; 50; 100t Protection Class: IP68/IP69K CE, RoHS	
F134		110RH; 110RH-ST Patent Design Alloy Steel 0.5; 1; 2; 3; 5; 10; 20; 30; 50; 100t Protection Class: IP67 CE, RoHS	
F133		110RH-WL Patent Design; Wireless Tension Link Alloy Steel 0.5; 1; 2; 3; 5; 10; 20; 30; 50; 100t 1K; 2K; 4K; 5K; 10K; 20K; 40K; 60K; 100K; 200Klb Protection Class: IP67 CE, RoHS	
F136		110ZHBL Alloy Steel 1.5; 2.5t; 2.5Klb Protection Class: IP67 CE, RoHS	

FORCE MEASUREMENT

F137		101AALS; 101ASLS Aluminum / Stainless Steel 2.2; 5; 10; 25; 50; 100; 200; 300; 500lb Protection Class: IP30 CE, RoHS	
F138		101RS Stainless Steel 100N; 250N; 500N; 750N Protection Class: IP66 CE, RoHS	
F139		101RSL Stainless Steel 250g; 1lb; 2lb; 5lb; 10lb; 25lb; 50lb; 100lb Protection Class: IP40 CE, RoHS	
F140		107CH Alloy Steel 10; 20; 50; 100; 200kN Protection Class: IP67 CE, RoHS	

ANYLOAD

FORCE MEASUREMENT

P141



112BA

Aluminum
20in-oz; 50in-oz; 12in-lb; 50in-lb; 100in-lb;
0.14Nm; 0.35Nm; 1.5Nm; 5.6Nm; 11.3Nm
Protection Class: IP65

CE RoHS

P142



247AA; 247AS

Aluminum
1; 2; 5; 10; 20kg
Stainless Steel
30; 50; 100; 150; 200; 500kg; 1t; 5t
Protection Class: IP66

CE RoHS

P143



247ASLH; 247ASLHUN

Stainless Steel
247ASLH
10; 25; 50; 100; 250; 500kg; 1t; 2t; 5t; 10t
247ASLHUN
250; 500kg; 1t; 2t; 5t; 10t
Protection Class: IP66

CE RoHS

P144



247ASLL

Stainless Steel
5; 10Kib
Protection Class: IP64

CE RoHS

P145



247BS

Stainless Steel
30; 50; 100kg
Protection Class: IP66

CE RoHS

P146



247BSWM

Stainless Steel
10; 25; 50; 100; 250; 500lb; 1; 2; 3; 5; 7.5; 10Kib
Protection Class: IP66

CE RoHS

P147



296AS

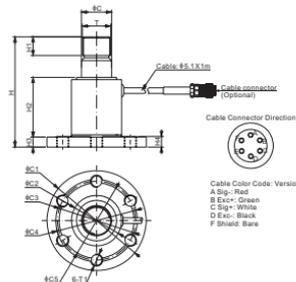
Stainless Steel
50; 100; 500N; 5; 20; 50; 100; 200kN
Protection Class: IP66

CE RoHS

LOAD CELLS

ANYLOAD

Stainless Steel



Cable 4.5 1X1m
Cable connector
(Optional)
Cable Connector Direction



Cable Color Code - Version B
A Sig+ Red
B Exc+ Green
C Sig+ White
D Exc- Black
F Shield Bare

DIMENSIONS

RATED CAPACITY	C	C1	C2	C3	C4	C5	H	H1	H2	H3	H4	T	T1
Kilb/inches													
2.5	1.06	3.50	1.77	2.76	2.64	2.87	3.86	0.65	2.09	0.35	0.37	1-14 UNS-2A	7/16-14 UNC-2B
kg/mm (conversion of above dimensions)													
1.134	27.0	89.0	45.0	70.0	67.0	73.0	98.0	16.5	53.0	9.0	9.5	1-14 UNS-2A	7/16-14 UNC-2B

SPECIFICATIONS

Full Scale Output	0.4 mV/V ± 0.25%	Recommended Excitation	10V (15V Maximum)
Zero Balance	± 0.02 mV/V	Insulation Resistance	> 2 | 50V DC | GΩ
Non-linearity	< ± 0.017%	Compensated Temperature Range	-10°C to 50°C / 14°F to 122°F
Repeatability	< ± 0.017%	Safe Overload	200% of full scale
Hysteresis Error	< ± 0.017%	Breaking Overload	500% of full scale
Creep in 30 min.	< ± 0.023%	Seal Type / IP Rating	Environmentally Sealed / IP68
Input Resistance	1100Ω ± 50	Cable Color Code	Two versions, check part number block for detail
Output Resistance	1000Ω ± 10		
Element Material	2CR13 Stainless Steel		

PART NUMBER

Cable color code version A, No cable connector:
Exc+ Red, Exc- Black, Sig+ Green, Sig- White;
Shield: Bare

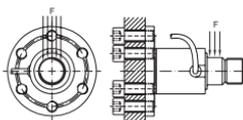
Rated Capacity	Part No.	Weight (kg) Approx.
2.5Kilb	563FSAS-2.5Kilb-YZ	1.1

Cable color code version B:
Exc+ Green, Exc- Black, Sig+ White, Sig- Red;
Shield: Bare

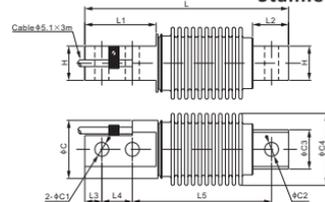
Rated Capacity	Cable Connector	Part No.	Weight (kg) Approx.
2.5Kilb	No	563FSAS-2.5Kilb-YZ-B	1.1
2.5Kilb	Yes	563FSAS-2.5Kilb-YZ-C	1.1

*ATEX, FM, IECEx approved versions carry the "-Ex" suffix.

APPLICATION EXAMPLES



Stainless Steel



DIMENSIONS

RATED CAPACITY	C	C1	C2	C3	C4	L	L1	L2	L3	L4	L5	H
kg/mm												
5-200	34.0	8.2	8.2	23.0	42.0	120.0	42.0	21.2	10.0	18.0	82.0	20.0
350-500	34.0	8.2	10.5	23.0	42.0	120.0	42.0	21.2	10.0	18.0	82.0	20.0
500|23A	34.0	10.5	10.5	23.0	42.0	120.0	42.0	21.2	10.0	18.0	82.0	20.0
lb/inches (conversion of above dimensions)												
11.02-440.92	1.34	0.32	0.32	0.91	1.65	4.72	1.65	0.83	0.39	0.71	3.23	0.79
771.82-1,102.31	1.34	0.32	0.41	0.91	1.65	4.72	1.65	0.83	0.39	0.71	3.23	0.79
1,102.31|23A	1.34	0.41	0.41	0.91	1.65	4.72	1.65	0.83	0.39	0.71	3.23	0.79

SPECIFICATIONS

Full Scale Output	2.0 mV/V ± 0.25%	Element Material	17-4PH Stainless Steel
Zero Balance	Cap. ≤ 20kg: ± 0.05 mV/V Cap. > 20kg: ± 0.02 mV/V	Recommended Excitation	10V (15V Maximum)
Deflection at Emax	0.27 - 0.33mm	Insulation Resistance	> 2 | 50V DC | GΩ
Non-linearity	< ± 0.017%	Compensated Temperature Range	-10°C to 50°C / 14°F to 122°F
Repeatability	< ± 0.017%	Safe Overload	150% of full scale
Hysteresis Error	< ± 0.017%	Breaking Overload	300% of full scale
Creep in 30 min.	< ± 0.023%	Sealed Seal / IP Rating	Welded Seal / IP68
Input Resistance	400Ω ± 20	Cable Color Code	Exc+ Red Exc- Black Sig+ Green Sig- White Shield Bare
Output Resistance	350Ω ± 3		

PART NUMBER*

Rated Capacity	Part No.	Weight Approx. (kg)
5kg	563RS-5kg	0.6
10kg	563RS-10kg	0.6
20kg	563RS-20kg	0.6
30kg	563RS-30kg	0.6
50kg	563RS-50kg	0.6
100kg	563RS-100kg	0.6
200kg	563RS-200kg	0.6
350kg	563RS-350kg	0.6
500kg	563RS-500kg	0.6
	563RS-500kg-23A	0.6

*ATEX, FM, IECEx approved versions carry the "-Ex" suffix.

5kg-50kg: NTEP 1:6 000 Class III, Single Cell; NTEP 1:10 000 Class III, Multiple Cell
100kg-500kg: NTEP 1:4 500 Class III, Single Cell; NTEP 1:10 000 Class III, Multiple Cell
10kg-50kg: OIML MAA C6, Y=30 000; 100kg-500kg: OIML MAA C4, Y=30 000
For further available P/N's & specifications per NTEP/OIML classes, please contact us.

INTERCHANGEABLE REFERENCE

Brand	Model
Cardinal	CB6
Colli Global	CG-Z6
Flintec	SB8
HBM	26*
Mettler-Toledo	MTB*
Rice Lake	RLHBB
Rice Lake	RL9018SS
Vishay Celtron	HBB
Vishay Revere Transducers	SHB
Vishay Tedea-Huntleigh	355

* Except 500kg. Use 563RS-500kg-23A instead since C1 of 500kg of HBM Z6 and Mettler Toledo MTB: 10.5mm

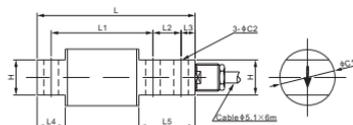
WEIGH MODULE

Model	Page
563RSM5	168

563SH

Alloy Steel

ANYLOAD



DIMENSIONS

RATED CAPACITY	C1	C2	H	L	L1	L2	L3	L4	L5
lb/inches									
25-500	1.30	0.26	0.62	2.81	1.81	0.50	0.25	0.50	1.00
kg/mm (conversion of above dimensions)									
11.34-226.8	33.0	6.6	15.7	71.4	46.0	12.7	6.35	12.7	25.4

SPECIFICATIONS

Full Scale Output	3.0 mV/V ± 10%	Recommended Excitation	10V (15V Maximum)
Zero Balance	± 0.02 mV/V	Insulation Resistance	> 21 50V DC 1 GΩ
Combine error	0.03% of full scale	Compensated Temperature Range	-10°C to 50°C / 14°F to 122°F*
Non-linearity	< ± 0.030%	Safe Overload	150% of full scale
Repeatability	< ± 0.020%	Breaking Overload	300% of full scale
Hysteresis Error	< ± 0.020%	Seal Type / IP Rating	Environmentally Sealed / IP65
Creep in 30 min.	< ± 0.030%	Cable Color Code	Exc+ Red Exc- Black Sig+ Green Sig- White Shield Bare
Input Resistance	400 Ω ± 20		
Output Resistance	350 Ω ± 3		
Element Material	Alloy Steel, Nickel Plated		

PART NUMBER*

Rated Capacity	Part No.	Weight Approx. (kg)
25lb.....	563SH-25lb.....	0.26
50lb.....	563SH-50lb.....	0.26
100lb.....	563SH-100lb.....	0.47
150lb.....	563SH-150lb.....	0.47
200lb.....	563SH-200lb.....	0.47
250lb.....	563SH-250lb.....	0.47
500lb.....	563SH-500lb.....	0.47

* ATEX, FM, IECEx approved versions carry the "-Ex" suffix.

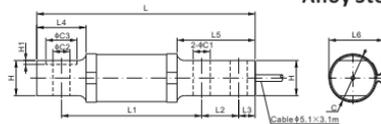
INTERCHANGEABLE REFERENCE

Brand	Model
Artech.....	50210
Rice Lake.....	RL50210
Vishay Revere Transducers.....	5503
Vishay Sensortronics.....	60040

ANYLOAD

563SHBB

Alloy Steel



DIMENSIONS

RATED CAPACITY	C	C1	C2	C3	H	H1	L	L1	L2	L3	L4	L5	L6
lb/inches													
50-100	1.46	0.31	0.31	-	1.06	-	6.00	4.25	0.88	0.38	1.19	1.97	1.69
200-1,000	1.46	0.52	0.52	-	1.06	-	6.62	4.25	1.12	0.50	1.49	2.36	1.69
2,500	2.17	0.53	0.62	1.19	1.25	0.12	11.38	8.25	1.75	0.50	2.84	3.98	2.40
kg/mm (conversion of above dimensions)													
22.68-45.36	37.0	7.9	7.9	-	26.9	-	152.4	108.0	22.4	9.7	30.2	50.0	43.0
90.72-453.59	37.0	13.2	13.2	-	26.9	-	168.2	108.0	28.5	12.7	37.8	60.0	43.0
1133.98	55.0	13.5	15.8	30.3	31.8	3.0	289.1	209.6	44.5	12.7	72.1	101.0	61.0

SPECIFICATIONS

Full Scale Output	2.0 mV/V ± 0.25%	Recommended Excitation	10V (15V Maximum)
Zero Balance	± 0.02 mV/V	Insulation Resistance	> 21 50V DC 1 GΩ
Non-linearity	< ± 0.030%	Compensated Temperature Range	-10°C to 50°C / 14°F to 122°F*
Repeatability	< ± 0.020%	Safe Overload	150% of full scale
Hysteresis Error	< ± 0.030%	Breaking Overload	300% of full scale
Creep in 30 min.	< ± 0.030%	Seal Type / IP Rating	Environmentally Sealed / IP65
Input Resistance	Cap. < 1KΩ; 700 Ω ± 20; Cap. < 2.5KΩ; 350 Ω ± 7	Cable Color Code	Exc+ Red Exc- Black Sig+ Green Sig- White Shield Bare
Output Resistance	Cap. < 1KΩ; 700 Ω ± 5; Cap. < 2.5KΩ; 350 Ω ± 3		
Element Material	Alloy Steel, Nickel Plated		

PART NUMBER*

Rated Capacity	Part No.	Weight Approx. (kg)
50lb.....	563SHBB-50lb.....	0.93
100lb.....	563SHBB-100lb.....	0.93
200lb.....	563SHBB-200lb.....	1.00
250lb.....	563SHBB-250lb.....	1.00
500lb.....	563SHBB-500lb.....	1.00
1Klb.....	563SHBB-1Klb.....	1.00
2.5Klb.....	563SHBB-2.5Klb.....	3.53

* ATEX, FM, IECEx approved versions carry the "-Ex" suffix.

INTERCHANGEABLE REFERENCE

Brand	Model
Artech.....	40310
Fairbanks.....	3-481XX-1
Fairbanks.....	3-48660-1
HBM.....	BBS
Rice Lake.....	RL40BBS
Vishay Sensortronics.....	65087

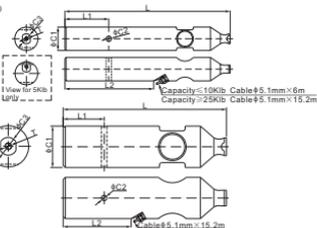
563WS; 563WS30



Stainless Steel



563WS; 563WS30
563WS30-CG,
563WS30-E:



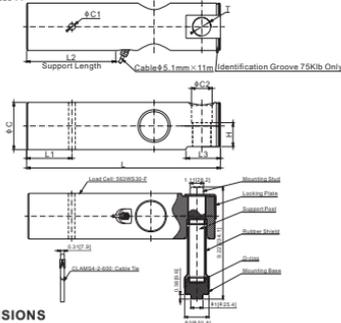
*: Output 3.0mV/V only

DIMENSIONS

RATED CAPACITY 563WS30 lb	C1		C2		C3		L		L1		L2		T
	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	
1.250	1.25	31.8	0.31	7.9	0.63	16.0	11.50	292.1	3.00	76.2	6.04	153.5	#6-32
2.500	1.62	41.1	0.37	9.4	0.70	17.8	11.50	292.1	3.00	76.2	5.59	142.0	#6-32
5.000	2.00	50.8	0.37	9.4	0.88	22.4	10.88	276.4	3.05	77.5	3.83	97.4	#8-32
10.000	2.50	63.5	0.37	9.4	0.88	22.4	12.63	320.8	3.05	77.5	4.20	106.9	#8-32
25.000	3.50	88.9	0.50	12.7	1.75	44.5	14.88	378.0	3.05	77.5	5.04	128.0	5/16-18 UNC-2B
25.000 (-CG)	3.50	88.8	0.50	12.7	1.76	44.7	14.88	378.0	3.66	93.1	7.64	194.1	5/16-18 UNC-2B
37.500	3.50	88.9	0.50	12.7	1.75	44.5	14.88	378.0	3.05	77.5	5.04	128.0	5/16-18 UNC-2B
37.500 (-CG)	3.50	88.8	0.50	12.7	1.76	44.7	14.88	378.0	3.66	93.1	7.64	194.1	5/16-18 UNC-2B
50.000	3.74	95.0	0.50	12.7	1.61	40.9	14.88	378.0	3.74	95.0	7.05	179.0	5/8-16 UNC-2B
50.000 (-E)	3.50	88.9	0.50	12.7	1.73	44.0	14.88	378.0	3.51	89.1	7.76	197.0	5/16-24 UNF-2B
50.000 (-H)	3.74	95.0	0.51	12.9	1.75	44.5	14.88	378.0	3.63	92.1	7.76	197.0	5/16-24 UNF-2B



563WS30-F:



*: Output 3.0mV/V only

DIMENSIONS

RATED CAPACITY 563WS30-F: lb	C	C1		C2		L	L1		L2		L3		H	T	
		inch	mm	inch	mm		inch	mm	inch	mm	inch	mm			
60.000-75.000	3.75	95.2	0.53	13.5	1.85	42.0	15.5	393.7	3.63	92.1	7.13	181.0	2.76	70.0	1-1/8 1/2 UNF

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563WS; 563WS30

Stainless Steel

SPECIFICATIONS			
Full Scale Output	563WS: 2.0 mV/V ± 1% 563WS30: 3.0 mV/V ± 1%	Input Resistance	563WS; 563WS30(CG): 350Ω ± 7 563WS30-F: 375Ω ± 25
Zero Balance	± 0.02 mV/V	Output Resistance	350Ω ± 3
Non-linearity	563WS; 563WS30(CG): <math>< \pm 0.023\%</math> 563WS30-E(-F, -H): <math>< \pm 0.02\%</math>	Recommended Excitation	10V (15V Maximum)
Repeatability	563WS; 563WS30(CG): <math>< \pm 0.023\%</math> 563WS30-E(-F, -H): <math>< \pm 0.02\%</math>	Insulation Resistance	> 21,500 DC 1.0Ω
Hysteresis Error	563WS; 563WS30(CG): <math>< \pm 0.023\%</math> 563WS30-E(-F, -H): <math>< \pm 0.03\%</math>	Compensated Temperature Range	-10°C to 50°C (14°F to 122°F)
Creep in 30 min.	563WS; 563WS30(CG): <math>< \pm 0.030\%</math> 563WS30-E(-F, -H): <math>< \pm 0.03\%</math>	Safe Overload	150% of full scale
Element Material	2Cr13 Stainless Steel	Breaking Overload	300% of full scale
		Seal Type / IP Rating	Environmentally Sealed / IP67
		Cable Color Code	Exc+ Red Exc- Black Sig+ Green Sig- White Shield Bare

Rated Capacity	Part Number*	Weight Approx. (lb)	INTERCHANGEABLE REFERENCE			
			Avery Weigh-Tronix	Coti-Global	Rice Lake	Rice Lake
1.25Kib**	563WS-1.25Kib-YZ**	4.85	Weight Bar	CG-WB-SS-1.25Kib	RL75000 SS-1.25Kib	RL32011WB-L-1.25Kib
2.5Kib	563WS-2.5Kib-YZ	6.61	Weight Bar	CG-WB-SS-2.5Kib	RL75000 SS-2.5Kib	RL32011WB-L-2.5Kib
5Kib	563WS-5Kib-YZ	13.23	Weight Bar	CG-WB-SS-5Kib	RL75000 SS-5Kib	RL32011WB-L-5Kib
10Kib	563WS-10Kib-YZ	15.43	Weight Bar	CG-WB-SS-10Kib	RL75000 SS-10Kib	RL32011WB-L-10Kib
25Kib	563WS-25Kib-YZ	34.17	Weight Bar			
25Kib	563WS-25Kib-YZ-CG	34.17		CG-WB-SS-25Kib		
37.5Kib	563WS30-37.5Kib-YZ-CG	40.79		CG-WB-SS-37.5Kib		
37.5Kib	563WS30-37.5Kib-YZ	40.79	Weight Bar			
50Kib	563WS30-50Kib-YZ	46.30	Weight Bar			
50Kib	563WS30-E-50Kib-YZ-RP	40.79	27173	CG-WB-SS-50Kib-27173		
50Kib	563WS30-H-50Kib-YZ-RP	46.30	50104	CG-WB-SS-50Kib-50104		
60Kib	563WS30-F-60Kib-YZ-RP	57.32	55829	CG-WB-SS-60Kib-55829		
75Kib	563WS30-F-75Kib-YZ-RP	57.32	AWT27-500080	CG-WB-SS-75Kib-EZPOST		

*ATEX, FM, IECEx approved versions carry the "-Ex" suffix.
** This is to replace the load cell on LP and Max Deck floor scales from Avery Weigh-Tronix. Check 563WS-1.25Kib-YZ-WBL if to replace Bolt-In Weigh Bar on Avery Weigh-Tronix old ProDec series.

563WS30: 10Kib-75Kib: up to NTEP 1:10,000 Class III / III L, Multiple Cell
563WS30: 25Kib-75Kib: up to OIML MAA C6, Y=25 000

For further available P/N's & specifications per NTEP/OIML classes, please contact us.

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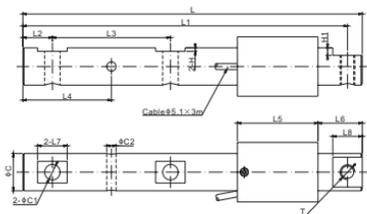
SINGLE ENDED BEAMS

SINGLE ENDED BEAMS

563WS-WBL

Stainless Steel

ANYLOAD



DIMENSIONS

RATED CAPACITY	C	C1	C2	H	H1	L	L1	L2	L3	L4	L5	L6	L7	L8	T
lb/inches															
1250	1.25	0.52	0.31	0.25	0.12	11.50	11.00	1.00	4.00	3.00	2.73	1.50	1.00	1.00	1/2-13 UNC-2B
kg/mm (conversion of above dimensions)															
567.0	31.8	13.3	8.0	6.4	3.0	292.1	279.4	25.4	101.6	76.2	69.4	38.1	25.4	25.4	1/2-13 UNC-2B

SPECIFICATIONS

Full Scale Output	2.0 mV/V ± 0.25%	Recommended Excitation	10V (15V Maximum)
Zero Balance	± 0.02 mV/V	Insulation Resistance	> 2 | 50V DC | GΩ
Non-linearity	< ± 0.05%	Nominal Temperature Range	-10°C to 50°C / 14°F to 122°F
Repeatability	< ± 0.03%	Safe Overload	150% of full scale
Hysteresis Error	< ± 0.05%	Breaking Overload	300% of full scale
Creep in 30 min.	< ± 0.03%	Seal Type / IP Rating	Environmentally Sealed / IP67
Input Resistance	350 Ω ± 7	Cable Color Code	Exc+ Red Exc- Black Sig+ Green Sig- White Shield Bare
Output Resistance	350 Ω ± 3		
Element Material	2Cr13 Stainless Steel		

PART NUMBER*

Rated Capacity	Part No.	Weight Approx. (kg)
1.25Klb	563WS-1.25Klb-YZ-WBL	2.25

* ATEX, FM, IECEx approved versions carry the "-Ex" suffix.

INTERCHANGEABLE PRODUCTS

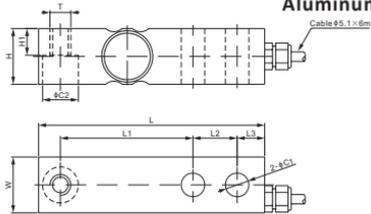
Brand	Model
Avery Weigh-Tronix	..... Bolt-In Weigh Bar
Coti-Global	..... CG-WBL-SS-1.25Klb
Rice Lake	..... RL32011WB-T-1.25Klb

* Avery Weigh-Tronix Bolt-In Weigh Bar (old ProDec series)

ANYLOAD

563YA

Aluminum



DIMENSIONS

RATED CAPACITY	C1	C2	H	H1	L	L1	L2	L3	T	W
lb/inches										
200: 300	0.53	0.81	1.25	0.60	5.12	3.00	1.00	0.62	1/2-20 UNF-2B	1.25
kg/mm (conversion of above dimensions)										
90.7: 136.1	13.5	20.6	31.8	15.2	130	76.2	25.4	15.8	1/2-20 UNF-2B	31.8

SPECIFICATIONS

Full Scale Output	3.0 mV/V ± 0.25%	Recommended Excitation	10V (15V Maximum)
Zero Balance	± 0.02 mV/V	Insulation Resistance	> 2 | 50V DC | GΩ
Non-linearity	< ± 0.017%	Nominal Temperature Range	-10°C to 40°C / 14°F to 104°F
Repeatability	< ± 0.017%	Safe Overload	150% of full scale
Hysteresis Error	< ± 0.017%	Breaking Overload	300% of full scale
Creep in 30 min.	< ± 0.023%	Seal Type / IP Rating	Environmentally Sealed / IP67
Input Resistance	350 Ω ± 7	Cable Color Code	Exc+ Red Exc- Black Sig+ Green Sig- White Shield Bare
Output Resistance	350 Ω ± 3		
Element Material	Aluminum, Clear Anodized		

PART NUMBER*

Rated Capacity	Part No.	Weight Approx. (kg)
200lb	563YA-200lb	0.6
300lb	563YA-300lb	0.6

* ATEX, FM, IECEx approved versions carry the "-Ex" suffix.

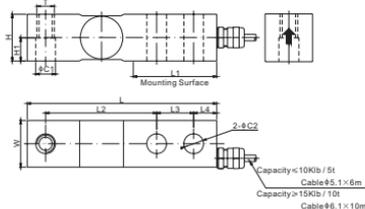
INTERCHANGEABLE REFERENCE

Brand	Model
Vishay TedeA-Huntleigh	..... 3310*

* Interchangeable with Vishay TedeA-Huntleigh 3310 Imperial thread

563YH-23

Alloy Steel



RATED CAPACITY

	C1	C2	H	H1	L	L1	L2	L3	L4	W	T
lb/inches											
250-4,000, SE5,000	0.53	0.53	1.25	0.62	5.12	2.25	3.00	1.00	0.62	1.25	1/2-20 UNF-2B
5,000-10,000	0.78	0.78	1.50	0.75	6.75	3.00	3.75	1.50	0.75	1.50	3/4-16 UNF-2B
15,000-20,000	1.03	1.03	2.00	1.00	8.88	4.00	4.88	2.00	1.00	2.00	1-14 UNS-2B

SPECIFICATIONS

Full Scale Output	3.0 mV/V \pm 0.25%	Element Material	Alloy Steel, Nickel Plated
Zero Balance	\pm 0.02 mV/V	Recommended Excitation	10V (15V Maximum)
Non-linearity	Cap. \le 750lb: \pm 0.03%; Cap. \gt 750lb: \pm 0.02%	Insulation Resistance	\gt 21 50V DC 1 GΩ
Repeatability	\pm 0.02%	Compensated Temperature Range	-10°C to 50°C / 14°F to 122°F
Hysteresis Error	Cap. \le 750lb: \pm 0.03%; Cap. \gt 750lb: \pm 0.02%	Safe Overload	150% of full scale
Creep in 30 min.	\pm 0.025%	Breaking Overload	300% of full scale
Input Resistance	350Ω \pm 7	Seal Type / IP Rating	Environmentally Sealed / IP67
Output Resistance	350Ω \pm 3	Exc. Red	Exc. Black
		Slp. Green	Slp. White
		Shield Bare	Shield Bare

PART NUMBER*

Rated Capacity	Part No.	Weight Approx. (kg)
250lb	563YH-23A-250lb	1.0
500lb	563YH-23A-500lb	1.0
750lb	563YH-23-750lb	1.0
1Kib	563YH-23-1Kib	1.0
1.5Kib	563YH-23-1.5Kib	1.0
2Kib	563YH-23-2Kib	1.0
2.5Kib	563YH-23-2.5Kib	1.0
3Kib	563YH-23-3Kib	1.0
4Kib	563YH-23-4Kib	1.0
SE5Kib	563YH-23-SE5Kib	1.0
5Kib	563YH-23-5Kib	1.8
10Kib	563YH-23-10Kib	1.8
15Kib	563YH-23-15Kib	4.0
20Kib	563YH-23-20Kib	4.0

SE refers to small envelope

*ATEX, FM, IECEx approved versions carry the "Ex" suffix.

WEIGH MODULE

Model	563YHM2-02	563YHM2-03	563YHM4-02
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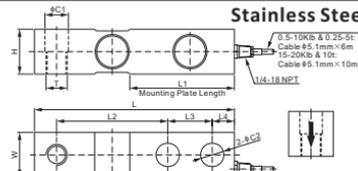
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563YS; 563YS30

Stainless Steel



RATED CAPACITY

	C1	C2	H	L	L1	L2	L3	L4	W	T
kg/mm										
250-2,000	1.03	1.03	31.0	130.0	57.2	76.2	25.4	15.8	31.0	M12X1.75
3,000-5,000	20.0	20.0	38.1	171.5	76.2	95.3	38.1	19.1	38.1	M18X1.50
10,000	26.2	26.2	50.8	222.3	101.6	120.7	50.8	25.4	50.8	M24X2.00

SPECIFICATIONS

Full Scale Output	563YS: 2.0 mV/V \pm 0.25%; 563YS30: 3.0 mV/V \pm 0.25%	Recommended Excitation	10V (15V Maximum)
Zero Balance	\pm 0.02 mV/V	Insulation Resistance	\gt 21 50V DC 1 GΩ
Non-linearity	\pm 0.023%	Compensated Temperature Range	-10°C to 50°C / 14°F to 122°F
Hysteresis Error	\pm 0.023%	Safe Overload	150% of full scale
Creep in 30 min.	\pm 0.030%	Breaking Overload	300% of full scale
Input Resistance	350Ω \pm 7	Seal Type / IP Rating	Environmentally Sealed / IP68
Output Resistance	350Ω \pm 3	Cable Color Code	Exc+ Red Exc- Black Slp+ Green Slp- White Shield Bare
Element Material	17-4PH Stainless Steel		

PART NUMBER*

Rated Capacity	Part No. 2.0 mV/V	Part No. 3.0 mV/V	Weight Approx. (kg)
500lb	563YS-500lb	563YS30GS-500lb	1.0
1Kib	563YS-1Kib	563YS30-1Kib	1.0
2Kib	563YS-2Kib	563YS30-2Kib	1.0
2.5Kib	563YS-2.5Kib	563YS30-2.5Kib	1.0
4Kib	563YS-4Kib	563YS30-4Kib	1.0
SE5Kib	563YS-SE5Kib	563YS30-SE5Kib	1.0
5Kib	563YS-5Kib	563YS30-5Kib	1.8
10Kib	563YS-10Kib	563YS30-10Kib	1.8
15Kib	563YS-15Kib	563YS30-15Kib	4.1
20Kib	563YS-20Kib	563YS30-20Kib	4.1
250kg	563YS-250kg	563YS30-250kg	1.0
500kg	563YS-500kg	563YS30-500kg	1.0
1t	563YS-1t	563YS30-1t	1.0
2t	563YS-2t	563YS30-2t	1.0
3t	563YS-3t	563YS30-3t	1.8

*Environmentally sealed for 563YS30, capacity=500lb

-SE refers to small envelope

*ATEX, FM, IECEx approved versions carry the "Ex" suffix.

PART NUMBER*

Rated Capacity	Part No. 2.0 mV/V	Part No. 3.0 mV/V	Weight Approx. (kg)
5t	563YS-5t		1.8
10t	563YS-10t		4.1

WEIGH MODULE

Model	Page
563YSM3-02	174

563YS, 500lb-2.5Kib & 250kg-1t: NTEP 1-5,000 Class III, S; 4Kib-20Kib & 2t-3t: NTEP 1-6,000 Class III, M	NTEP 1-5,000 Class III, M
563YS30, 500lb-2.5Kib: NTEP 1-5,000 Class III, S; 4Kib-20Kib: NTEP 1-6,000 Class III, M	NTEP 1-5,000 Class III, M
563YS, 2Kib-5Kib & 500kg-2t: OIML MAA C4, Y=8 500; 10Kib-20Kib & 3t-10t: OIML MAA C6, Y=8 500; 563YS30, 2Kib-5Kib: OIML MAA C4, Y=15 000; 10Kib-20Kib: OIML MAA C6, Y=8 500;	NTEP 1-10,000 Class III, M

For further available P/N's & specifications per NTEP/OIML classes, please contact us.

INTERCHANGEABLE REFERENCE

	563YS	563YS30
Brand	Artch	SS30310
Coti Global	CG-23-SSW-02	CG-23-SSW-03
HBM		B35 / H35**
Mettler-Toledo		0793
Rice Lake	RL32018S-HE / RL32218S-HE / RL35082 / RLHTO	RL32018S* / RL32018S-HE / RL35023S* / RL35083 / RL39123
Vishay Celltron		SOB-HSS
Vishay Revere Transducers		9123
Vishay Sensortronics	65083S	65023S* / 650235S** / 65083
Vishay TedeA-Huntleigh	3510-kg	3510-lbs

*Environmentally sealed ** Welded seal *** Environmentally sealed for capacities 1Kib-10Kib

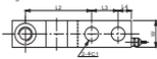
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563YH

Alloy Steel

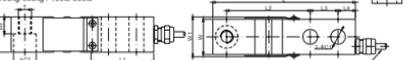


Capacity: 500kg-20k / 10k-20Kib



Capacity: 100kg-10k / 10k-10kib
Capacity: 500kg-20k / 10k-20Kib
Capacity: 100kg-10k / 10k-10kib
Capacity: 500kg-20k / 10k-20Kib

Capacity: 100kg-300kg / 100lb-500lb



RATED CAPACITY	C1	C2	H	H1	DIMENSIONS													
					L	L1	L2	L3	L4	W	W1	T						
lb/inches																		
100-500	0.53	0.81	1.25	0.60	5.12	2.25	3.00	1.00	0.82	1.25	1.42	1/2-20 UNF-2B						
1,000-4,000; SE5,000	0.53	0.81	1.25	0.60	5.12	2.25	3.00	1.00	0.82	1.25	-	1/2-20 UNF-2B						
5,000-10,000	0.78	1.19	1.50	0.75	6.75	3.00	3.75	1.50	0.75	1.50	-	3/4-16 UNF-2B						
15,000-20,000	1.03	1.81	2.00	1.00	8.75	4.00	4.75	2.00	1.00	2.00	-	1-14 UNS-2B						
kg/mm																		
100-300	13.5	20.6	31.8	15.2	130.0	57.2	76.2	25.4	15.8	31.8	36.0	M12X1.75						
500-2,000	13.5	20.6	31.8	15.2	130.0	57.2	76.2	25.4	15.8	31.8	-	M12X1.75						
2,500-3,000; 5,000	19.8	30.2	38.1	19.1	171.5	76.2	95.3	30.1	19.1	38.1	-	M18X1.50						
10,000	26.2	46.0	50.8	25.4	222.3	101.6	120.7	50.8	25.4	50.8	-	M24X2.00						
20,000	30.2	50.0	58.0	32.0	241.5	110.0	132.0	55.0	27.5	58.0	-	M36X2.00						

SPECIFICATIONS

Full Scale Output	3.0 mV/V ± 0.25%	Recommended Excitation	10V (15V Maximum)
Zero Balance	±0.02 mV/V	Insulation Resistance	>2 (50V DC) G/G
Non-linearity	< ±0.017%	Compensated Temperature Range	-10°C to 50°C / 14°F to 122°F
Repeatability	< ±0.017%	Safe Overload	150% of full scale
Hysteresis Error	< ±0.017%	Breaking Overload	300% of full scale
Creep in 30 min.	< ±0.023%	Seal Type / IP Rating	Cap. ≤300kg/500lb: Environmentally Sealed / IP66 Cap. ≥500kg/1Kib: Environmentally Sealed / IP67
Input Resistance	4000 ± 20 for kg, 350 Ω ± 7 for lb	Cable Color Code	Exc+ Red Exc- Black Sig+ Green Sig- White Shield Bare
Output Resistance	350 Ω ± 3		
Element Material	Alloy Steel, Nickel Plated		

PART NUMBER*

Rated Capacity	Part No.	Weight Approx. (kg)
100lb	563YH-100lb	1.0
250lb	563YH-250lb	1.0
500lb	563YH-500lb	1.0
1Kib	563YH-1Kib	1.0
1.5Kib	563YH-1.5Kib	1.0
2Kib	563YH-2Kib	1.0
2.5Kib	563YH-2.5Kib	1.0
LE2.5Kib	563YH-LE2.5Kib	1.7
4Kib	563YH-4Kib	1.0
5Kib	563YH-5Kib	1.0
5Kib	563YH-5Kib	1.8
10Kib	563YH-10Kib	1.8
15Kib	563YH-15Kib	4.0
20Kib	563YH-20Kib	4.0
100kg	563YH-100kg	1.0
200kg	563YH-200kg	1.0
300kg	563YH-300kg	1.0
500kg	563YH-500kg	1.0
750kg	563YH-750kg	1.0
1t	563YH-1t	1.0
1.5t	563YH-1.5t	1.0
2t	563YH-2t	1.0
2.5t	563YH-2.5t	1.8
3t	563YH-3t	1.8
5t	563YH-5t	1.8
10t	563YH-10t	4.0
20t	563YH-20t	5.6

SE refers to small envelope

*ATEX, FM, IECEx approved versions carry the "-Ex" suffix.

WEIGH MODULE

Model	563YHM2-02	563YHM2-03	563YHM4-02
Page	172	173	170

INTERCHANGEABLE REFERENCE

Brand	Model
Artch.	30310
CAS.	BSA*
Colt Global.	CG-23*
Rice Lake.	RL30000*
Rice Lake.	RL32018
Rice Lake.	RL35023*
Vishay Celltron.	SOB*
Vishay Revere Transducers.	5123*
Vishay Senorionics.	65023A*
Vishay Tedea-Huntleigh.	3411*

* The dimensions of C2 of interchangeable models are different: 0.53 inch for 100lb to SE5Kib, 0.78 inch for SKib and 10Kib, 1.03 inch for 15Kib and 20Kib

250lb-2.5Kib & 200kg-1t: NTEP 1:5 000 Class III, Single Cell; NTEP 1:9 500 Class III, Multiple Cell
4Kib-20Kib & 2t-5t: NTEP 1:6 000 Class III, Single Cell; NTEP 1:10 000 Class III, Multiple Cell

1.5Kib-5Kib & 500kg-2.5t: OIML MAA C4, Y=15 000;
10Kib-20Kib & 3t-10t: OIML MAA C6, Y=6 000

For further available P/N's & specifications per NTEP/OIML classes, please contact us.

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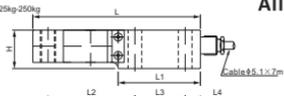
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563YHFK

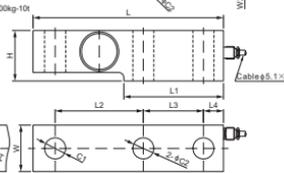
Alloy Steel



Capacity: 125kg-250kg



Capacity: 500kg-10t



RATED CAPACITY	C1	C2	H	L	DIMENSIONS													
					L1	L2	L3	L4	W	W1	W2	T						
kg/mm																		
125-250	-	9	25	110	54	57	33	10	21	25	2.5	M10						
500-1,000	-	11	32	125	63	61.5	38	13	29	-	-	M12						
2,500-5,000	21	21	50	190	99.5	88	60	20	46	-	-	-						
10,000	26	28	66	227	117	117	60	25	50	-	-	-						

lb/inches (conversion of above dimensions)																		
276-551	-	0.35	0.98	4.33	2.13	2.24	1.30	0.39	0.83	0.98	0.10	M10						
1,102-2,205	-	0.43	1.26	4.92	2.48	2.42	1.50	0.51	1.14	-	-	M12						
5,512-11,023	0.83	0.83	1.97	7.48	3.92	3.46	2.36	0.78	2.06	-	-	-						
10,000	1.02	1.02	2.60	8.94	4.61	4.61	2.36	0.98	1.97	-	-	-						

SPECIFICATIONS

Full Scale Output	125-500kg, 10t: 2.2 mV/V ± 0.25%	Recommended Excitation	10V (15V Maximum)
Insulation Resistance	>2 (50V DC) G/G	Compensated Temperature Range	-10°C to 50°C / 14°F to 122°F
Zero Balance	±0.02 mV/V	Safe Overload	150% of full scale
Non-linearity	< ±0.017%	Breaking Overload	300% of full scale
Repeatability	< ±0.017%	Seal Type / IP Rating	Cap. ≤250kg: Environmentally Sealed / IP66 Cap. ≥500kg: Environmentally Sealed / IP67
Hysteresis Error	< ±0.017%	Cable Color Code	Exc+ Red Exc- Black Sig+ Green Sig- White Shield Bare
Creep in 30 min.	< ±0.023%		
Input Resistance	350 Ω ± 3		
Output Resistance	350 Ω ± 3		
Element Material	Alloy Steel, Nickel Plated		

PART NUMBER*

Rated Capacity	Part No.	Weight Approx. (kg)
125kg	563YHFK-125kg	0.7
250kg	563YHFK-250kg	0.7
500kg	563YHFK-500kg	1.0
1t	563YHFK-1t	1.0
2.5t	563YHFK-2.5t	1.8
5t	563YHFK-5t	2.0
10t	563YHFK-10t	4.9

*ATEX, FM, IECEx approved versions carry the "-Ex" suffix.

INTERCHANGEABLE REFERENCE

ANYLOAD Part No.	Kelba Model
563YHFK-125kg	KA125N
563YHFK-250kg	KA250N
563YHFK-500kg	KA500N
563YHFK-1t	KA1000N
563YHFK-2.5t	KA2500N
563YHFK-5t	KA5000N
563YHFK-10t	KA10000N

125kg-1t: NTEP 1:5 000 Class III, Single Cell; NTEP 1:9 500 Class III, Multiple Cell
2.5t-5t: NTEP 1:6 000 Class III, Single Cell; NTEP 1:10 000 Class III, Multiple Cell

500kg-2.5t: OIML MAA C4, Y=15 000;
5t-10t: OIML MAA C6, Y=6 000

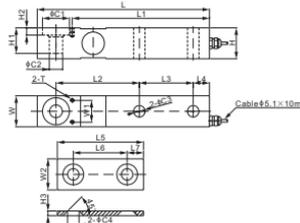
For further available P/N's & specifications per NTEP/OIML classes, please contact us.

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563YHMS

Alloy Steel

ANYLOAD



DIMENSIONS

RATED CAPACITY	C1	C2	C3	C4	H	H1	H2	H3	L	L1	L2	L3	L4	L5	L6	L7	W	W1	W2	T
Kilob/inches																				
1-5	1.25	0.62	0.53	0.53	1.43	1.18	0.34	0.22	8.00	6.38	3.87	2.50	0.76	4.00	2.50	0.76	1.43	1.00	1.43	8-32 UNF Depth0.37
10	1.50	0.87	0.84	0.84	1.70	1.08	0.39	0.22	9.25	7.51	4.87	2.62	0.89	4.40	2.62	0.89	1.70	1.12	1.70	10-32 UNF Depth0.37
20-30	1.87	1.25	1.06	1.06	2.38	1.62	0.37	0.22	11.0	8.50	5.50	3.25	1.00	5.24	3.25	1.00	2.37	1.75	2.37	10-32 UNF Depth0.37
kg/mm (conversion of above dimensions)																				
453.6-2.268	31.8	15.9	13.5	13.5	36.3	30.0	8.8	5.5	203.2	162.0	98.3	63.5	19.3	101.6	63.5	19.3	38.3	25.4	38.3	8-32 UNF Depth#4
4,535.9	38.1	22.1	21.3	21.3	43.2	27.4	9.9	5.5	235.0	190.8	123.7	66.6	22.6	111.8	66.6	22.6	43.2	28.5	43.2	10-32 UNF Depth#4
9,071.8-13,607.8	47.5	31.8	26.9	26.9	60.2	20.8	9.4	5.5	279.4	215.8	139.7	82.6	25.3	133.2	82.6	25.3	60.2	44.5	60.2	10-32 UNF Depth#4

SPECIFICATIONS

Full Scale Output	2.0 mV/V ± 0.07%	Recommended Excitation	10V (15V Maximum)
Zero Balance	±0.02 mV/V	Insulation Resistance	>2,150V DC 1 GΩ
Non-linearity	<±0.017%	Compensated Temperature Range	-10°C to 50°C / 14°F to 122°F
Repeatability	<±0.017%	Safe Overload	150% of full scale
Hysteresis Error	<±0.017%	Breaking Overload	300% of full scale
Creep in 30 min.	<±0.023%	Seal Type / IP Rating	Environmentally Sealed / IP67
Input Resistance	350Ω ± 7	Cable Color Code	Exc+ Red Exc- Black Sig+ Green Sig- White Shield Bare
Output Resistance	350Ω ± 3		
Element Material	Alloy Steel, Nickel Plated		

PART NUMBER*

Rated Capacity	Part No.	Weight Approx. (kg)
1Kib	563YHMS-1Kib	2.5
2.5Kib	563YHMS-2.5Kib	2.5
5Kib	563YHMS-5Kib	2.5
10Kib	563YHMS-10Kib	3.8
20Kib	563YHMS-20Kib	7.5
30Kib	563YHMS-30Kib	7.5

*ATEX, FM, IECEx approved versions carry the "Ex" suffix.

- 1Kib-3Kib: NTEP 1-5 000 Class III, Single Cell; NTEP 1-9 500 Class III, Multiple Cell
 - 5Kib-20Kib: NTEP 1-6 000 Class III, Single Cell; NTEP 1-10 000 Class III, Multiple Cell
 - 3Kib-5Kib: OIML MAA C5, Y=26 000;
 - 10Kib-30Kib: OIML MAA C6, Y=8 500
- For further available P/N's & specifications per NTEP/OIML classes, please contact us.

INTERCHANGEABLE REFERENCE

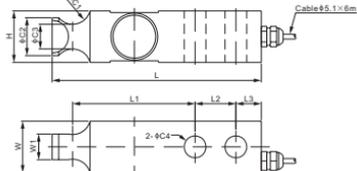
Brand	Model
Coti Global	CG-SB2L/SB2M
Coti Global	CG-743
Mettler-Toledo	Masstron ML4311-4449
Mettler-Toledo	.....0743
Rice Lake	RLSB2MLW*
Rice Lake	RLSB2L**

*RLSB2MLW is stainless steel for capacities 1Kib-20Kib;
**RLSB2L is alloy steel for capacities 35Kib & 45Kib.

ANYLOAD

563YHRT

Alloy Steel



DIMENSIONS

RATED CAPACITY	C1	C2	C3	C4	H	L	L1	L2	L3	W	W1
Kilob/inches											
1-4	0.44	0.22	0.60	0.53	1.25	5.12	3.00	1.00	0.62	1.25	0.62
5-10	0.56	1.20	0.86	0.78	1.50	6.75	3.75	1.50	0.75	1.50	0.90
kg/mm (conversion of above dimensions)											
453.6-1,814.4	11.2	23.4	15.2	13.5	31.8	130.1	76.2	25.4	15.8	31.8	15.8
2,268.0-4,535.9	14.2	30.5	21.8	19.8	38.1	171.5	95.3	38.1	19.1	38.1	22.9

SPECIFICATIONS

Full Scale Output	3.0 mV/V ± 0.25%	Recommended Excitation	10V (15V Maximum)
Zero Balance	±0.02 mV/V	Insulation Resistance	>2,150V DC 1 GΩ
Non-linearity	<±0.017%	Compensated Temperature Range	-10°C to 50°C / 14°F to 122°F
Repeatability	<±0.017%	Safe Overload	150% of full scale
Hysteresis Error	<±0.017%	Breaking Overload	300% of full scale
Creep in 30 min.	<±0.023%	Seal Type / IP Rating	Environmentally Sealed / IP67
Input Resistance	350Ω ± 7	Cable Color Code	Exc+ Red Exc- Black Sig+ Green Sig- White Shield Bare
Output Resistance	350Ω ± 3		
Element Material	Alloy Steel, Nickel Plated		

PART NUMBER*

Rated Capacity	Part No.	Weight Approx. (kg)
1Kib	563YHRT-1Kib	1.0
2.5Kib	563YHRT-2.5Kib	1.0
4Kib	563YHRT-4Kib	1.0
5Kib	563YHRT-5Kib	1.7
10Kib	563YHRT-10Kib	1.7

*ATEX, FM, IECEx approved versions carry the "Ex" suffix.

- 1Kib-2.5Kib: NTEP 1-5 000 Class III, Single Cell; NTEP 1-9 500 Class III, Multiple Cell
 - 4Kib-10Kib: NTEP 1-6 000 Class III, Single Cell; NTEP 1-10 000 Class III, Multiple Cell
 - 2.5Kib-5Kib: OIML MAA C4, Y=15 000;
 - 10Kib: OIML MAA C6, Y=8 500
- For further available P/N's & specifications per NTEP/OIML classes, please contact us.

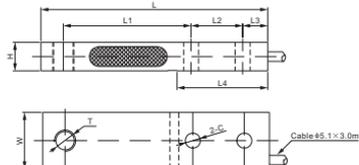
INTERCHANGEABLE REFERENCE

Brand	Model
Artech	.....30410
Coti Global	CG-30410
Vishay Revere Transducers	.....5723

563YSBK; 563YSBKUN

ANYLOAD

Stainless Steel



DIMENSIONS

RATED CAPACITY	C	H	L	L1	L2	L3	L4	W	T
563YSBK:									
200kg	13.0	12.7	128.5	76.2	25.4	14.2	54.0	31.8	M12
250-500	13.0	15.9	128.5	76.2	25.4	14.2	54.0	31.8	M12
1,000	13.0	19.1	128.5	76.2	25.4	14.2	54.0	31.8	M12
2,000	13.0	25.4	128.5	76.2	25.4	14.2	54.0	31.8	M12
lb/inches (conversion of above dimensions)									
441	0.51	0.50	5.06	3.00	1.00	0.56	2.12	1.25	M12
551-1,102	0.51	0.63	5.06	3.00	1.00	0.56	2.12	1.25	M12
2,205	0.51	0.75	5.06	3.00	1.00	0.56	2.12	1.25	M12
4,409	0.51	1.00	5.06	3.00	1.00	0.56	2.12	1.25	M12
563YSBKUN:									
200	13.0	12.7	128.5	76.2	25.4	14.2	54.0	31.8	1/2-20 UNF
250-500	13.0	15.9	128.5	76.2	25.4	14.2	54.0	31.8	1/2-20 UNF
1,000	13.0	19.1	128.5	76.2	25.4	14.2	54.0	31.8	1/2-20 UNF
2,000	13.0	25.4	128.5	76.2	25.4	14.2	54.0	31.8	1/2-20 UNF
lb/inches (conversion of above dimensions)									
441	0.51	0.50	5.06	3.00	1.00	0.56	2.12	1.25	1/2-20 UNF
551-1,102	0.51	0.63	5.06	3.00	1.00	0.56	2.12	1.25	1/2-20 UNF
2,205	0.51	0.75	5.06	3.00	1.00	0.56	2.12	1.25	1/2-20 UNF
4,409	0.51	1.00	5.06	3.00	1.00	0.56	2.12	1.25	1/2-20 UNF

SPECIFICATIONS

Full Scale Output	2.0 mV/V ± 0.1%	Recommended Excitation	10V (15V Maximum)
Zero Balance	± 0.02 mV/V	Insulation Resistance	> 2 (50V DC) GΩ
Non-linearity	< ± 0.023%	Compensated Temperature Range	-10°C to 50°C / 14°F to 122°F
Repeatability	< ± 0.017%	Safe Overload	150% of full scale
Hysteresis Error	< ± 0.023%	Breaking Overload	300% of full scale
Creep in 30 min.	< ± 0.023%	Seal Type / IP Rating	Environmentally Sealed / IP67
Input Resistance	1100Ω ± 50	Cable Color Code	Exc+ Red Exc- Black Sig+ Green Sig- White Shield Bare
Output Resistance	1000Ω ± 5		
Element Material	2Cr13 Stainless Steel		

PART NUMBER*

Rated Capacity	Part No.	Weight Approx. (kg)
200kg	563YSBK-200kg-YZ	0.4
	563YSBKUN-200kg-YZ	0.4
250kg	563YSBK-250kg-YZ	0.4
	563YSBKUN-250kg-YZ	0.4
500kg	563YSBK-500kg-YZ	0.4
	563YSBKUN-500kg-YZ	0.4
1t	563YSBK-1t-YZ	0.6
	563YSBKUN-1t-YZ	0.6
2t	563YSBK-2t-YZ	0.8
	563YSBKUN-2t-YZ	0.8

*ATEX, FM, IECEx approved versions carry the "-Ex" suffix.

INTERCHANGEABLE REFERENCE

Brand	Model
FlintecBK2

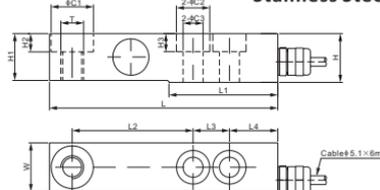
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563YSLB

Stainless Steel



DIMENSIONS

RATED CAPACITY	C1	C2	C3	H	H1	H2	H3	L	L1	L2	L3	L4	W	T
lb/inches														
500: 1,000: 2,500	0.88	0.89	0.41	1.00	0.96	0.37	0.37	4.72	2.25	2.50	0.75	1.00	1.00	M12X1.75
kg/mm (conversion of above dimensions)														
226.8: 453.6: 1,134.0	22.2	17.5	10.5	25.4	24.4	9.5	9.4	120.0	57.2	63.5	19.1	25.4	25.4	M12X1.75

SPECIFICATIONS

Full Scale Output	1.85-1.9 mV/V	Recommended Excitation	10V (15V Maximum)
Zero Balance	± 0.02 mV/V	Insulation Resistance	> 2 (50V DC) GΩ
Non-linearity	< ± 0.023%	Compensated Temperature Range	-10°C to 50°C / 14°F to 122°F
Repeatability	< ± 0.023%	Safe Overload	150% of full scale
Hysteresis Error	< ± 0.023%	Breaking Overload	300% of full scale
Creep in 30 min.	< ± 0.030%	Seal Type / IP Rating	Environmentally Sealed / IP67
Input Resistance	350Ω ± 7	Cable Color Code	Exc+ Red Exc- Black Sig+ Green Sig- White Shield Bare
Output Resistance	350Ω ± 3		
Element Material	2Cr13 Stainless Steel		

PART NUMBER*

Rated Capacity	Part No.	Weight Approx. (kg)
500lb	563YSLB-500lb-YZ	0.7
1Klb	563YSLB-1Klb-YZ	0.7
2.5Klb	563YSLB-2.5Klb-YZ	0.7

*ATEX, FM, IECEx approved versions carry the "-Ex" suffix.

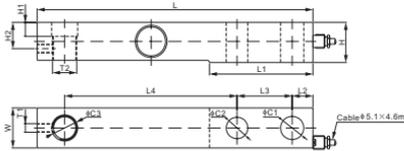
INTERCHANGEABLE REFERENCE

Brand	Part No.	Anyload Part No.
Cardinal	.....LPB-500HMT	563YSLB-500lb-YZ
LPB-1000HMT	563YSLB-1Klb-YZ
LPB-2500HMT	563YSLB-2.5Klb-YZ
Coti GlobalCG-HMT	

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Stainless Steel



DIMENSIONS

RATED CAPACITY	C1	C2	C3	H	H1	H2	L	L1	L2	L3	L4	W	T1	T2
Kilb/inches														
1.5-2.5	0.59	0.53	0.69	1.13	0.56	0.82	9.00	-	0.62	1.75	6.00	1.19	#10-32	5/8-18 UNF
5	0.84	0.78	0.94	1.44	0.50	0.94	10.00	3.75	0.75	2.00	6.25	1.44	#10-32	7/8-14 UNF
kg/mm (conversion of above dimensions)														
680.4-1,134	15.0	13.5	17.5	28.7	14.2	20.8	228.6	-	15.8	44.5	152.4	30.2	#10-32	5/8-18 UNF
2,269	21.3	19.8	23.9	36.6	12.7	23.9	254.0	95.3	19.1	50.8	158.8	36.6	#10-32	7/8-14 UNF

SPECIFICATIONS

Full Scale Output	2.0 mV/V ± 0.25%	Recommended Excitation	10V (15V Maximum)
Zero Balance	±0.02 mV/V	Insulation Resistance	>2 [50V DC] G Ω
Non-linearity	<±0.030%	Compensated Temperature Range	-10°C to 50°C / 14°F to 122°F
Repeatability	<±0.023%	Safe Overload	150% of full scale
Hysteresis Error	<±0.020%	Breaking Overload	300% of full scale
Creep in 30 min.	<±0.030%	Seal Type / IP Rating	Environmentally Sealed / IP67
Input Resistance	1000 Ω ± 15	Cable Color Code	Exc+ Red Exc- Black
Output Resistance	1000 Ω ± 5		Sig+ Green Sig- White
Element Material	2Cr13 Stainless Steel		Shield Bare

PART NUMBER*

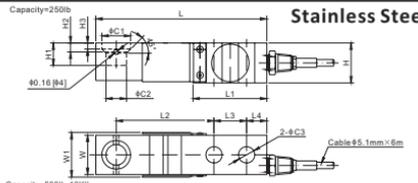
Rated Capacity	Part No.	Weight Approx. (kg)
1.5Kilb	563YSLF-1.5Kilb-YZ	1.0
2.5Kilb	563YSLF-2.5Kilb-YZ	1.7
5Kilb	563YSLF-5Kilb-YZ	2.5

*ATEX, FM, IECEx approved versions carry the "-Ex" suffix.

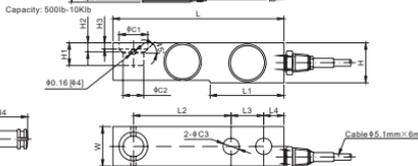
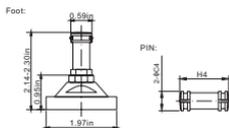
INTERCHANGEABLE REFERENCE

Brand	Model
Coti Global	CG-BLF
HBM	BLF
Fairbanks	3-53581-3
Fairbanks	3-52921-1

Stainless Steel



Foot or PIN to be ordered separately.



DIMENSIONS

RATED CAPACITY	C1	C2	C3	C4	H	H1	H2	H3	H4	L	L1	L2	L3	L4	W	W1
lb/inches																
250	0.88	0.63	0.50	0.59	1.22	0.69	0.28	0.19	1.5	5.25	2.27	3.00	1.00	0.62	1.20	1.38
500-4,000	0.88	0.63	0.50	0.59	1.22	0.69	0.28	0.19	1.5	5.25	2.27	3.00	1.00	0.62	1.20	-
5,000	0.88	0.63	0.50	0.59	1.40	0.92	0.47	0.38	1.5	5.38	2.8	3.00	1.00	0.62	1.46	-
10,000	1.38	0.88	0.75	-	1.68	1.17	0.59	0.46	-	6.87	3.24	3.75	1.50	0.75	1.68	-
kg/mm (conversion of above dimensions)																
113.4	22.4	16.0	12.7	15.0	30.9	17.5	7.0	4.8	38.1	133.3	57.6	76.2	25.4	15.8	30.5	35.0
226.8-1,814.4	22.4	16.0	12.7	15.0	30.9	17.5	7.0	4.8	38.1	133.3	57.6	76.2	25.4	15.8	30.5	-
2,269.0	22.4	16.0	12.7	15.0	35.5	23.4	11.9	9.7	38.1	136.7	57.9	76.2	25.4	15.8	37.1	-
4,535.9	35.1	22.4	19.1	-	42.6	29.7	15.0	11.8	-	174.5	84.8	95.3	38.1	19.1	42.7	-

SPECIFICATIONS

Full Scale Output	2.0 mV/V ± 0.25%	Recommended Excitation	10V (15V Maximum)
Zero Balance	±0.02 mV/V	Insulation Resistance	>2 [50V DC] G Ω
Non-linearity	<±0.023%	Compensated Temperature Range	-10°C to 50°C / 14°F to 122°F
Repeatability	<±0.017%	Safe Overload	150% of full scale
Hysteresis Error	<±0.023%	Breaking Overload	300% of full scale
Creep in 30 min.	<±0.023%	Seal Type / IP Rating	Cap. ±250lb: Environmentally Sealed / IP66 Cap. ±500lb: Welded Seal / IP68
Input Resistance	350 Ω ± 7	Cable Color Code	Exc+ Red Exc- Black
Output Resistance	350 Ω ± 3		Sig+ Green Sig- White Shield Bare
Element Material	17-4PH Stainless Steel		

PART NUMBER*

Load Cell	Part No.	Weight Approx. (kg)
Rated Capacity		
250lb	563YSMT-250lb	1.0
500lb	563YSMT-500lb	1.0
1.25Kilb	563YSMT-1.25Kilb	1.0
2.5Kilb	563YSMT-2.5Kilb	1.0
4Kilb	563YSMT-4Kilb	1.0
5Kilb	563YSMT-5Kilb	1.0
10Kilb	563YSMT-10Kilb	2.3

Hardware

Hardware	Load Cell Capacity	Part No.	Shipping Weight (kg)
Pin	500lb-5Kilb	563YSMT-(0.5-5)Kilb-PIN	0.1
Foot	250lb-5Kilb	AMFS4-H-50	0.2

*ATEX, FM, IECEx approved versions carry the "-Ex" suffix.

INTERCHANGEABLE REFERENCE

Brand	Model
Coti Global	CG-745
HBM	THC
Mettler-Toledo	MT0744*
Mettler-Toledo	MT0745A
Rice Lake	RL30745

*MT0744 is environmentally sealed and interchangeable with ANYLOAD 563YSMT-250lb

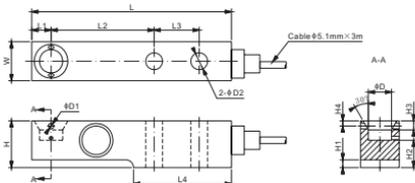
250lb-2.5Kilb: NTEP 1:5 000 Class III, Single Cell; NTEP 1:9 500 Class III, Multiple Cell
4Kilb-10Kilb: NTEP 1:6 000 Class III, Single Cell; NTEP 1:10 000 Class III, Multiple Cell
1.25Kilb-5Kilb: OIML MAA C5, Y=26 000;
10Kilb: OIML MAA C6, Y=8 500

For further available P/N's & specifications per NTEP/OIML classes, please contact us.

563YSMT-4

Stainless Steel

ANYLOAD



RATED CAPACITY	DIMENSIONS														
	L	L1	L2	L3	L4	H	H1	H2	H3	H4	W	D	D1	D2	
kN/mm															
5-20	155.0	15.0	80.0	35.0	76.0	36.0	6.0	21.0	7.0	4.0	30.0	18.0	4.3	13.0	
50	190.0	21.0	105.0	40.0	93.0	49.0	9.0	28.5	9.0	8.0	43.0	25.0	4.3	21.0	
100	245.0	30.0	135.0	50.0	120.0	73.0	12.5	42.0	10.0	-	60.0	30.0	4.3	27.0	
kN/inches (conversion of above dimensions)															
5-20	6.10	0.59	3.15	1.38	2.99	1.42	0.24	0.83	0.28	0.16	1.18	0.71	0.17	0.51	
50	7.48	0.83	4.13	1.57	3.66	1.93	0.31	1.12	0.24	0.31	1.69	0.98	0.17	0.83	
100	9.46	1.18	5.31	1.97	4.72	2.87	0.49	1.65	0.39	-	2.36	1.18	0.17	1.06	

SPECIFICATIONS			
Full Scale Output	2.0 mV/V ± 0.1%	Recommended Excitation	10V (15V Maximum)
Zero Balance	± 0.1 mV/V	Insulation Resistance	> 2 (50V DC) GΩ
Non-linearity	< ± 0.017%	Compensated Temperature Range	-10°C to 40°C / 14°F to 104°F
Repeatability	< ± 0.017%	Safe Overload	200% of full scale
Hysteresis Error	< ± 0.017%	Breaking Overload	300% of full scale
Creep In 30 min.	< ± 0.017%	Seal Type / IP Rating	Welded Seal / IP68
Input Resistance	1100Ω ± 50	Cable Color Code	Exc+ Green Exc- Black Sig+ White Sig- Red
Output Resistance	1000Ω ± 5		
Element Material	17-4PH Stainless Steel		

PART NUMBER*

Load Cell	Rated Capacity	Part No.	Weight Approx. (kg)
5kN	563YSMT-4-5kN	..... 1.2
10kN	563YSMT-4-10kN	..... 1.2
20kN	563YSMT-4-20kN	..... 1.2
50kN	563YSMT-4-50kN -
100kN	563YSMT-4-100kN -

*ATEX, FM, IECEx approved versions carry the "-Ex" suffix.

INTERCHANGEABLE REFERENCE

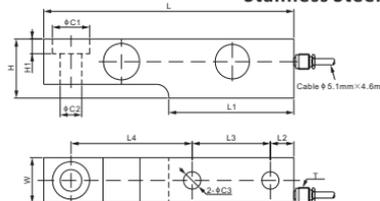
Brand	Model
Flintec	SB4

- 5kN-10kN: NTEP 1:5 000 Class III, Single Cell; NTEP 1:9 500 Class III, Multiple Cell
 - 20kN-50kN: NTEP 1:6 000 Class III, Single Cell; NTEP 1:10 000 Class III, Multiple Cell
 - 5kN-20kN: OIML MAA C5, Y=26 000; 50kN-100kN: OIML MAA C5, Y=26 500
- For further available P/N's & specifications per NTEP/OIML classes, please contact us.

ANYLOAD

563YSRS

Stainless Steel



DIMENSIONS

RATED CAPACITY	C1	C2	C3	H	H1	L	L1	L2	L3	L4	W	T
Kil/inches												
1-5	1.19	0.69	0.55	1.87	0.47	8.00	4.00	0.75	2.50	3.87	1.44	-
10	1.83	1.00	0.88	2.75	0.82	9.25	4.62	0.81	2.83	4.88	1.88	1/4-18 NPT
kg/mm (conversion of above dimensions)												
454-2,268	30.2	17.5	14.0	47.6	11.9	203.2	101.6	19.1	63.5	98.4	38.3	-
4,536	41.4	25.4	22.4	69.9	15.8	235.0	117.3	20.6	68.8	124.0	47.9	1/4-18 NPT

SPECIFICATIONS			
Full Scale Output	2.0 mV/V ± 1%	Recommended Excitation	10V (15V Maximum)
Zero Balance	± 0.02 mV/V	Insulation Resistance	> 2 (50V DC) GΩ
Non-linearity	< ± 0.023%	Compensated Temperature Range	-10°C to 50°C / 14°F to 122°F
Repeatability	< ± 0.023%	Safe Overload	150% of full scale
Hysteresis Error	< ± 0.023%	Breaking Overload	300% of full scale
Creep In 30 min.	< ± 0.030%	Seal Type / IP Rating	Welded Seal / IP68
Input Resistance	350Ω ± 7	Cable Color Code	Exc+ Red Exc- Black Sig+ Green Sig- White
Output Resistance	350Ω ± 3		Shield Bare
Element Material	17-4PH Stainless Steel		

PART NUMBER*

Rated Capacity	Part No.	Weight Approx. (kg)
1Kib	..... 563YSRS-1Kib	..... 2.0
2Kib	..... 563YSRS-2Kib	..... 2.0
5Kib	..... 563YSRS-5Kib	..... 2.0
10Kib	..... 563YSRS-10Kib -

*ATEX, FM, IECEx approved versions carry the "-Ex" suffix.

- 1Kib-2Kib: NTEP 1:5 000 Class III, Single Cell; NTEP 1:9 500 Class III, Multiple Cell
 - 5Kib-10Kib: NTEP 1:6 000 Class III, Single Cell; NTEP 1:10 000 Class III, Multiple Cell
 - 2Kib-5Kib: OIML MAA C5, Y=26 000; 5kN-100kN: OIML MAA C5, Y=26 500
- For further available P/N's & specifications per NTEP/OIML classes, please contact us.

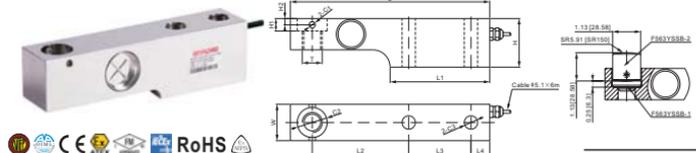
INTERCHANGEABLE REFERENCE

Brand	Model
Artech	SS30610
Coti Global	CG-SB3
HBM	SB3
Rice Lake	RLSSB
Vishay Revere Transducers	SSB

563YSSB

Stainless Steel

ANYLOAD



Hardware to be ordered separately.

Material of both F563YSSB-1 & F563YSSB-2 is 2Cr13 with electropolishing

DIMENSIONS													
RATED CAPACITY	C1	C2	C3	H	H1	H2	L	L1	L2	L3	L4	W	T
Kilb/inches													
2.5-5	0.25	1.20	0.54	1.94	0.75	0.25	8.00	4.00	3.87	2.50	0.75	1.45	3/4-1/8 UNF-2P
10-20	0.25	1.20	0.78	2.46	0.75	0.25	9.00	4.00	5.25	2.00	0.75	1.94	0.69
kg/mm (conversion of above dimensions)													
1,134.0-2,268.0	6.35	30.5	13.6	49.2	19.0	6.35	203.2	101.6	98.4	63.5	19.1	36.8	3/4-1/8 UNF-2P
4,535.9-9,071.8	6.35	30.5	19.9	62.5	19.0	6.35	228.6	101.6	133.4	50.8	19.1	49.3	17.45

SPECIFICATIONS			
Full Scale Output	2.0 mV/V ± 0.25%	Recommended Excitation	10V (15V Maximum)
Zero Balance	± 0.02 mV/V	Insulation Resistance	> 2 | 50V DC | G/G
Non-linearity	< ± 0.023%	Compensated Temperature Range	-10°C to 50°C / 14°F to 122°F
Repeatability	< ± 0.023%	Safe Overload	150% of full scale
Hysteresis Error	< ± 0.023%	Breaking Overload	300% of full scale
Creep in 30 min.	< ± 0.030%	Seal Type / IP Rating	Welded Seal / IP68
Input Resistance	350Ω ± 7	Cable Color Code	Exc+ Red Exc- Black Sig+ Green Sig- White Shield Bare
Output Resistance	350Ω ± 3		
Element Material	17-4PH Stainless Steel		

PART NUMBER*

Rated Capacity	Part No.	Weight Approx. (kg)
2.5Kib.....	563YSSB-2.5Kib.....	2.3
5Kib.....	563YSSB-5Kib.....	2.4
10Kib.....	563YSSB-10Kib.....	4.0
20Kib.....	563YSSB-20Kib.....	4.8

Hardware				
Hardware	Load Cell Capacity	Part No.	Weight Approx. (kg)	
Insert.....	(2.5-20)Kib.....	F563YSSB-1.....		
Rocker Pin.....	(2.5-20)Kib.....	F563YSSB-2.....		

*ATEX, FM, IECEx approved versions carry the "-Ex" suffix.

- 2.5Kib: NTEP 1:5,000 Class III, Single Cell; NTEP 1:9,500 Class III, Multiple Cell
- 5Kib-20Kib: NTEP 1:6,000 Class III, Single Cell; NTEP 1:10,000 Class III, Multiple Cell
- 2.5Kib-5Kib: OIML MAA C5, Y=26 000;
- 10K-20Kib: OIML MAA C6, Y=8 000

For further available P/N's & specifications per NTEP/OIML classes, please contact us.

INTERCHANGEABLE REFERENCE

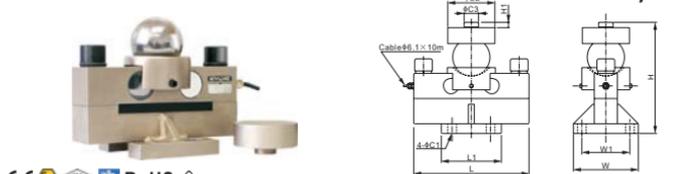
Brand	Model
Cardinal.....	SB2500S
Cardinal.....	SB5000S
Cardinal.....	SB10000S
Cardinal.....	SB20000S
Coti Global.....	CG-SB250
Rice Lake.....	RLSB250*

* Rice Lake RLSB250 is through hole design.

ANYLOAD

102AH

Alloy Steel



CE ATEX FM IECEx RoHS

Mounting hardware shown in the picture included.

DIMENSIONS										
RATED CAPACITY	C1	C2	C3	H	H1	L	L1	W	W1	
t/mm										
5-15	18.0	88.0	30.0	195.0	11.0	240.0	125.0	135.0	100.0	
20-30	18.0	88.0	30.0	225.0	11.0	240.0	125.0	135.0	100.0	
50	22.0	98.0	40.0	267.0	11.0	340.0	160.0	160.0	124.0	
lb/inches (conversion of above dimensions)										
11,023.1-33,069.3	0.71	3.46	1.18	7.68	0.43	9.45	4.92	5.31	3.94	
44,092.5-66,138.7	0.71	3.46	1.18	8.87	0.43	9.45	4.92	5.31	3.94	
110,231.1	0.87	3.86	1.57	10.52	0.43	13.39	6.30	6.30	4.88	

SPECIFICATIONS			
Full Scale Output	2.0 mV/V ± 0.25%	Recommended Excitation	10V (15V Maximum)
Zero Balance	± 0.02 mV/V	Insulation Resistance	> 2 | 50V DC | G/G
Non-linearity	< ± 0.023%	Compensated Temperature Range	-10°C to 50°C / 14°F to 122°F
Repeatability	< ± 0.017%	Safe Overload	150% of full scale
Hysteresis Error	< ± 0.023%	Breaking Overload	300% of full scale
Creep in 30 min.	< ± 0.023%	Seal Type / IP Rating	Environmentally Sealed / IP67
Input Resistance	770Ω ± 30	Cable Color Code	Exc+ Red Exc- Black Sig+ Green Sig- White Shield Bare
Output Resistance	700Ω ± 5		
Element Material	Alloy Steel, Nickel Plated		

PART NUMBER*

Rated Capacity	Part No.	Weight Approx. (kg)
5t.....	102AH-5t.....	16.4
10t.....	102AH-10t.....	16.4
15t.....	102AH-15t.....	16.4
20t.....	102AH-20t.....	16.7
25t.....	102AH-25t.....	16.7
30t.....	102AH-30t.....	16.7
50t.....	102AH-50t.....	30.7

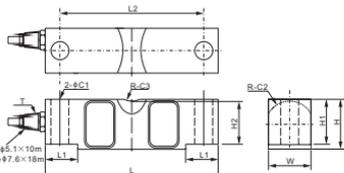
*ATEX, FM, IECEx approved versions carry the "-Ex" suffix.

102BH

Alloy Steel



Capacity<40Klb Cable #5.1'x10m
Capacity>40Klb Cable #7.6'x16m



RATED CAPACITY	DIMENSIONS									
	C1	C2	C3	H	H1	H2	L	L1	L2	T
Kilb/inches										
10-25	0.68	0.90	0.75	1.94	1.70	1.63	7.75	1.38	6.50	1.69
40	0.81	1.12	0.98	2.44	2.10	2.03	10.25	1.93	8.50	1.94
50-75	1.06	1.38	0.98	2.94	2.65	2.53	10.25	1.93	8.50	2.44
SE100	1.06	1.38	0.98	3.44	2.65	2.53	10.25	1.93	8.50	2.44
100-125	1.82	1.80	1.50	3.86	3.43	3.30	15.25	3.13	12.75	2.90
150-200	1.62	2.37	2.00	3.80	5.12	4.44	19.25	4.00	15.25	3.80
300	2.12	4.00	2.50	5.80	5.12	4.44	22.00	5.00	17.00	5.80
400	2.12	5.00	3.00	5.80	5.12	4.44	22.00	5.00	17.00	5.80
T/mm										
5-15	17.3	22.9	19.1	49.3	43.2	41.5	196.9	35.1	165.1	42.9
20	20.5	28.4	25.0	62.0	53.4	51.6	260.4	49.0	216.0	49.3
25-35	27.0	35.0	25.0	74.8	67.2	64.3	260.4	49.0	216.0	62.0
50	41.2	45.7	38.1	99.0	87.1	83.8	387.4	79.5	323.9	73.7

SPECIFICATIONS

Full Scale Output	3.0 mV/V ± 0.25%	Recommended Excitation	10V (15V Maximum)
Zero Balance	± 0.02 mV/V	Insulation Resistance	> 2,150V DC 1 GΩ
Non-linearity	< ± 0.023%	Compensated Temperature Range	-10°C to 50°C / 14°F to 122°F
Repeatability	< ± 0.017%	Safe Overload	150% of full scale
Hysteresis Error	< ± 0.023%	Breaking Overload	300% of full scale
Creep in 30 min.	< ± 0.023%	Seal Type / IP Rating	Environmentally Sealed / IP67
Input Resistance	700Ω ± 10	Cable Color Code	Exc+ Red Exc- Black Sig- Green Sig- White Shield Bare
Output Resistance	700Ω ± 5		
Element Material	Alloy Steel, Nickel Plated		

PART NUMBER*

Rated Capacity	Part No.	Weight Approx. (kg)
10Klb	102BH-10Klb	2.9
20Klb	102BH-20Klb	3.0
25Klb	102BH-25Klb	3.0
40Klb	102BH-40Klb	7.0
50Klb	102BH-50Klb	9.0
60Klb	102BH-60Klb	9.0
75Klb	102BH-75Klb	9.0
SE 100Klb	102BH-SE 100Klb	10.0
100Klb	102BH-100Klb	20.5
125Klb	102BH-125Klb	20.5
200Klb	102BH-200Klb	47.0
300Klb	102BH-300Klb	75.0
400Klb	102BH-400Klb	80.5

Weld Seal (IP68) & Lightning Protection Version:

60Klb	102BH-60Klb-02	9.0
75Klb	102BH-75Klb-02	9.0

SE refers to small envelope

*ATEX, FM, IECEx approved versions carry the "-Ex" suffix.

WEIGH MODULE

Model	Page
102BHM1	153

ANYLOAD

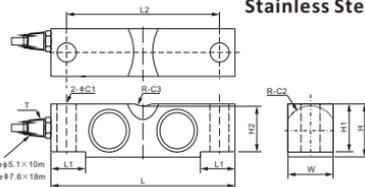
ANYLOAD

102BS

Stainless Steel



Capacity<25Klb Cable #5.1'x10m
Capacity>50Klb Cable #7.6'x16m



RATED CAPACITY	DIMENSIONS									
	C1	C2	C3	H	H1	H2	L	L1	L2	T
Kilb/inches										
50-75	0.68	0.90	0.75	1.94	1.70	1.63	7.75	1.38	6.50	1.69
100-125	1.06	1.37	1.00	2.94	2.65	2.53	10.25	1.93	8.50	2.44
150-200	1.06	1.37	1.00	2.94	2.65	2.53	10.25	1.93	8.50	2.44
300	1.82	1.80	1.50	3.86	3.43	3.30	15.25	3.13	12.75	2.90
400	1.62	2.37	2.00	3.80	5.12	4.44	19.25	4.00	15.25	3.80
500	2.12	4.00	2.50	5.80	5.12	4.44	22.00	5.00	17.00	5.80
600	2.12	5.00	3.00	5.80	5.12	4.44	22.00	5.00	17.00	5.80
T/mm										
50-75	17.3	22.9	19.1	49.3	43.2	41.5	196.9	35.1	165.1	42.9
100-125	20.5	28.4	25.0	62.0	53.4	51.6	260.4	49.0	216.0	49.3
150-200	27.0	35.0	25.0	74.8	67.2	64.3	260.4	49.0	216.0	62.0
300	41.2	45.7	38.1	99.0	87.1	83.8	387.4	79.5	323.9	73.7

kg/mm (conversion of above dimensions)										
4,535.9-11,339.8	17.3	22.9	19.1	49.3	43.2	41.3	196.9	35.1	165.1	42.9
22,679.8-34,019.4	27.0	34.8	25.4	74.7	67.3	64.8	260.4	48.9	215.9	62.0

SPECIFICATIONS

Full Scale Output	3.0 mV/V ± 0.25%	Recommended Excitation	10V (15V Maximum)
Zero Balance	± 0.02 mV/V	Insulation Resistance	> 2150V DC 1 GΩ
Non-linearity	< ± 0.023%	Compensated Temperature Range	-10°C to 50°C / 14°F to 122°F
Repeatability	< ± 0.017%	Safe Overload	150% of full scale
Hysteresis Error	< ± 0.023%	Breaking Overload	300% of full scale
Creep in 30 min.	< ± 0.023%	Seal Type / IP Rating	Welded Seal / IP68
Input Resistance	700Ω ± 10	Cable Color Code	Exc+ Red Exc- Black Sig- Green Sig- White Shield Bare
Output Resistance	700Ω ± 5		
Element Material	2Cr13 Stainless Steel		

PART NUMBER*

Rated Capacity	Part No.	Weight Approx. (kg)
10Klb	102BS-10Klb-YZ	2.9
20Klb	102BS-20Klb-YZ	2.9
25Klb	102BS-25Klb-YZ	2.9
50Klb	102BS-50Klb-YZ	8.0
60Klb	102BS-60Klb-YZ	8.0
75Klb	102BS-75Klb-YZ	8.0

INTERCHANGEABLE REFERENCE

Brand	Model
Artech	SS70310
Coti Global	CG-58-SSW
Rice Lake	RL75068S
Vishay Revere Transducers	9303
Vishay Sensortronics	65058S

WEIGH MODULE

Model	Page
102BSM5	154

*ATEX, FM, IECEx approved versions carry the "-Ex" suffix.

25Klb-125Klb: NTEP 1:10 000 Class III, Multiple Cell

11f-55: OIML MAA C3, Y=15 000

For further available PIN's & specifications per NTEP/OIML classes, please contact us.

25Klb-125Klb: NTEP 1:10 000 Class III, Multiple Cell

11f-55: OIML MAA C3, Y=7500

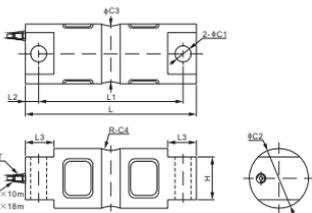
For further available PIN's & specifications per NTEP/OIML classes, please contact us.

102DH

Alloy Steel



Capacity=20Kib Cable #5.1*10ft
Capacity=30Kib Cable #7.6*18m



DIMENSIONS

RATED CAPACITY	C1	C2	C3	C4	H	L	L1	L2	L3	T
Kib/inches										
5-20	0.66	1.95	1.48	0.50	1.12	8.12	6.87	0.62	1.44	1/4-18 NPT
30-75	1.06	3.00	2.73	1.00	2.37	10.25	8.50	0.88	1.88	1/2-14 NPT
100	1.06	3.30	3.24	1.50	2.50	11.25	9.50	0.88	1.88	1/2-14 NPT
150	1.06	3.90	3.64	1.50	2.50	11.25	9.50	0.88	1.88	1/2-14 NPT
200-250	1.56	5.38	5.17	2.00	4.60	16.10	13.0	1.55	3.05	1/2-14 NPT
kg/mm (conversion of above dimensions)										
2,282-9,071.8	16.7	49.5	37.6	12.7	28.4	206.2	174.6	15.8	36.6	1/4-18 NPT
13,607-34,019.4	26.9	78.2	69.3	24.4	60.2	260.4	215.9	22.3	47.8	1/2-14 NPT
45,359.2	26.9	88.9	82.3	38.1	63.5	285.8	241.3	22.3	47.8	1/2-14 NPT
68,038.9	26.9	99.1	92.5	38.1	71.1	285.8	241.3	22.3	47.8	1/2-14 NPT
90,718.5-113,398.1	39.6	136.7	131.3	50.8	116.8	408.9	330.2	39.4	77.5	1/2-14 NPT

SPECIFICATIONS

Full Scale Output	3.0 mV/V \pm 0.25%	Recommended Excitation	10V (15V Maximum)
Zero Balance	\pm 0.02 mV/V	Insulation Resistance	> 2 [50V DC] G Ω
Non-linearity	\pm 0.023%	Compensated Temperature Range	-10°C to 50°C / 14°F to 122°F
Repeatability	\pm 0.017%	Safe Overload	150% of full scale
Hysteresis Error	\pm 0.023%	Breaking Overload	300% of full scale
Crawl in 30 min.	\pm 0.023%	Seal Type / IP Rating	Environmentally Sealed / IP67
Input Resistance	700 Ω \pm 3 Ω	Cable Color Code	Exc+ Red Exc- Black Sig+ Green Sig- White Shield Bare
Output Resistance	700 Ω \pm 5 Ω		
Element Material	Alloy Steel, Nickel Plated		

PART NUMBER*

Rated Capacity	Part No.	Weight Approx. (kg)
5Kib	102DH-5Kib	2.4
10Kib	102DH-10Kib	2.7
15Kib	102DH-15Kib	2.7
20Kib	102DH-20Kib	2.7
30Kib	102DH-30Kib	9.0
40Kib	102DH-40Kib	9.0
50Kib	102DH-50Kib	9.0
60Kib	102DH-60Kib	9.0
75Kib	102DH-75Kib	9.0
100Kib	102DH-100Kib	12.1
150Kib	102DH-150Kib	18.3
200Kib	102DH-200Kib	38.0
250Kib	102DH-250Kib	38.0

*ATEX, FM, IECEx approved versions carry the "-Ex" suffix.

ANYLOAD

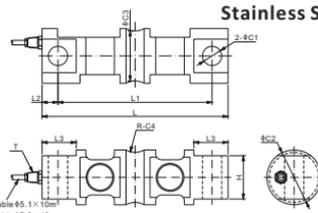
ANYLOAD

102DS

Stainless Steel



Capacity=20Kib Cable #5.1*10ft
Capacity=30Kib Cable #7.6*18m



DIMENSIONS

RATED CAPACITY	C1	C2	C3	C4	H	L	L1	L2	L3	T
Kib/inches										
5-20	0.66	1.95	1.48	0.50	1.12	8.12	6.88	0.62	1.44	1/4-18 NPT
30-75	1.06	3.00	2.73	1.00	2.37	10.25	8.50	0.88	1.88	1/2-14 NPT
100	1.06	3.30	3.24	1.50	2.50	11.25	9.50	0.88	1.88	1/2-14 NPT
150	1.06	3.90	3.64	1.50	2.80	11.25	9.50	0.88	1.88	1/2-14 NPT
200	1.56	5.38	5.17	2.00	4.60	16.10	13.0	1.55	3.05	1/2-14 NPT
kg/mm (conversion of above dimensions)										
2,282-9,071.8	16.7	49.5	37.6	12.7	28.5	206.2	174.8	15.7	36.6	1/4-18 NPT
13,607-34,019.4	26.9	76.2	69.3	25.4	60.2	260.4	215.9	22.3	47.8	1/2-14 NPT
45,359.2	26.9	88.9	82.3	38.1	63.5	285.8	241.3	22.3	47.8	1/2-14 NPT
68,038.9	26.9	99.1	92.5	38.1	71.1	285.8	241.3	22.3	47.8	1/2-14 NPT
90,718.5	39.6	136.7	131.3	50.8	116.8	408.9	330.2	39.4	77.5	1/2-14 NPT

SPECIFICATIONS

Full Scale Output	3.0 mV/V \pm 0.25%	Recommended Excitation	10V (15V Maximum)
Zero Balance	\pm 0.02 mV/V	Insulation Resistance	> 2 [50V DC] G Ω
Non-linearity	\pm 0.023%	Compensated Temperature Range	-10°C to 50°C / 14°F to 122°F
Repeatability	\pm 0.017%	Safe Overload	150% of full scale
Hysteresis Error	\pm 0.023%	Breaking Overload	300% of full scale
Crawl in 30 min.	\pm 0.023%	Seal Type / IP Rating	Welded Seal / IP68
Input Resistance	700 Ω \pm 10 Ω	Cable Color Code	Exc+ Red Exc- Black Sig+ Green Sig- White Shield Bare
Output Resistance	700 Ω \pm 5 Ω		
Element Material	17-4PH Stainless Steel		

PART NUMBER*

Rated Capacity	Part No.	Weight Approx. (kg)
5Kib	102DS-5Kib	2.4
10Kib	102DS-10Kib	2.7
15Kib	102DS-15Kib	2.7
20Kib	102DS-20Kib	2.7
30Kib	102DS-30Kib	9.0
40Kib	102DS-40Kib	9.0
50Kib	102DS-50Kib	9.0
60Kib	102DS-60Kib	9.0
75Kib	102DS-75Kib	9.0
100Kib	102DS-100Kib	12.1
150Kib	102DS-150Kib	18.3
200Kib	102DS-200Kib	38.0

*ATEX, FM, IECEx approved versions carry the "-Ex" suffix.

WEIGH MODULE

Model	Page
102DHM3	156

INTERCHANGEABLE REFERENCE

Brand	Model
Artech	750210
Coti Global	CG-5103
Rice Lake	RL70000
Rice Lake	RL72020
Mettler Toledo	SLD430**
Vishay Revere Transducers	5103
Vishay Sensortronics	60058

* C2 of 5-10Kib: 1.7", 30-60Kib: 3.2"
** C2 of 5-10Kib: 1.7", 30-60Kib: 3.0"

10Kib-100Kib: NTEP 1:10 000 Class III, Multiple Cell

9t-45t: OIML MAA C4, Y=15 000

For further available P/N's & specifications per NTEP/OIML classes, please contact us.

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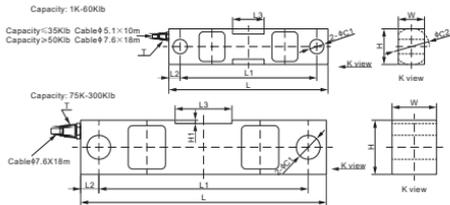
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102EH

Alloy Steel



DIMENSIONS

RATED CAPACITY	C1	C2	H	H1	L	L1	L2	L3	W	T
Kil/inches										
11-5	0.50	1.26	1.26	-	7.50	6.25	0.62	1.22	1.26	1/4-18 NPT
10-25	0.79	1.99	1.94	-	8.74	7.50	0.62	1.73	1.44	1/4-18 NPT
35	0.79	2.50	2.50	-	8.74	7.50	0.62	1.73	1.50	1/4-18 NPT
50-60	1.31	2.95	2.95	-	13.50	11.50	1.00	3.15	2.44	1/2-14 NPT
75	1.31	-	2.95	0.18	13.50	11.50	1.00	3.11	2.44	1/2-14 NPT
100-125	1.63	-	3.94	0.25	18.50	15.00	1.75	3.25	2.94	1/2-14 NPT
200	2.13	0.50	5.79	0.30	20.50	17.00	1.75	4.13	3.80	1/2-14 NPT
300	2.63	-	5.79	0.50	23.50	18.74	2.38	5.13	3.80	1/2-14 NPT

kg/mm (conversion of above dimensions)	C1	C2	H	H1	L	L1	L2	L3	W	T
453.5-2,268	12.7	32.0	32.0	-	190.5	158.8	15.9	31.0	32.0	1/4-18 NPT
4,535.9-11,339.8	20.0	50.5	49.2	-	222.0	190.5	15.9	44.0	36.5	1/4-18 NPT
15,873.7	20.0	63.5	-	-	222.0	190.5	15.9	44.0	38.1	1/4-18 NPT
22,678.9-27,215.5	33.3	75.0	75.0	-	343.0	292.0	25.5	80.0	62.0	1/2-14 NPT
34,019.4	33.3	-	75.0	4.6	343.0	292.0	25.5	79.2	62.0	1/2-14 NPT
45,359.2-56,699	41.4	-	100.0	6.4	470.0	381.0	44.5	82.6	74.7	1/2-14 NPT
90,718.5	54.0	12.7	147.0	12.7	520.7	431.7	44.5	105.0	96.5	1/2-14 NPT
136,077.7	66.8	-	147.0	12.7	597.0	476.0	60.5	130.3	96.5	1/2-14 NPT

SPECIFICATIONS

Full Scale Output	3.0 mV/V \pm 0.25%	Recommended Excitation	10V (15V Maximum)
Zero Balance	\pm 0.02 mV/V	Insulation Resistance	$>$ 150V DC GO
Non-linearity	Cap. \le 125Kib: \pm 0.050%; Cap. \ge 200Kib: \pm 0.1%	Compensated Temperature Range	-10°C to 50°C / 14°F to 122°F
Repeatability	\pm 0.030%	Safe Overload	150% of full scale
Hysteresis Error	Cap. \le 125Kib: \pm 0.030%; Cap. \ge 200Kib: \pm 0.1%	Breaking Overload	300% of full scale
Creep in 30 min.	\pm 0.030%	Seal Type / IP Rating	Environmentally Sealed / IP67
Input Resistance	700 Ω \pm 10	Cable Color Code	Exc+ Red Exc- Black Sig+ Green Sig- White
Output Resistance	700 Ω \pm 5	Element Material	17-4PH Stainless Steel
Element Material	Alloy Steel, Nickel Plated		

PART NUMBER*

Rated Capacity	Part No.	Weight Approx. (kg)
1Kib	102EH-1Kib	1.7
1.5Kib	102EH-1.5Kib	1.7
2.5Kib	102EH-2.5Kib	1.7
5Kib	102EH-5Kib	1.7
10Kib	102EH-10Kib	2.9
15Kib	102EH-15Kib	2.9
20Kib	102EH-20Kib	2.9
25Kib	102EH-25Kib	2.9
35Kib	102EH-35Kib	3.9
50Kib	102EH-50Kib	11.3
60Kib	102EH-60Kib	11.3
75Kib	102EH-75Kib	11.3
100Kib	102EH-100Kib	23.0
125Kib	102EH-125Kib	23.0
200Kib	102EH-200Kib	50.0
300Kib	102EH-300Kib	50.0

WEIGH MODULE

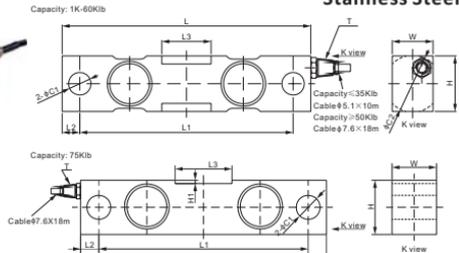
Model	Page
102EHM2	158

INTERCHANGEABLE REFERENCE

Brand	Model
Artech	70510
Coti Global	CG-16
Rice Lake	RL75016
Rice Lake	RL77032
Mettler Toledo	SLD425
Vishay Celtron	DSR
Vishay Revere Transducers	5203
Vishay Sensortronics	65016P

*ATEX, FM, IECEx approved versions carry the "-Ex" suffix.

ANYLOAD



DIMENSIONS

RATED CAPACITY	C1	C2	H	H1	L	L1	L2	L3	W	T
Kil/inches										
2.5-5	0.50	1.26	1.26	-	7.50	6.25	0.62	1.22	1.26	1/4-18 NPT
10-25	0.79	1.99	1.94	-	8.74	7.50	0.62	1.73	1.44	1/4-18 NPT
35	0.79	2.50	2.50	-	8.74	7.50	0.62	1.73	1.50	1/4-18 NPT
50-60	1.31	2.99	2.95	-	13.50	11.50	1.00	3.15	2.44	1/2-14 NPT
75	1.31	-	2.95	0.18	13.50	11.50	1.00	3.11	2.44	1/2-14 NPT

kg/mm (conversion of above dimensions)	C1	C2	H	H1	L	L1	L2	L3	W	T
1,134-2,268	12.7	32.0	32.0	-	190.5	158.8	15.9	31.0	32.0	1/4-18 NPT
4,535.9-11,339.8	20.0	50.5	49.2	-	222.0	190.5	15.9	44.0	36.5	1/4-18 NPT
15,873.7	20.0	63.5	-	-	222.0	190.5	15.9	44.0	38.1	1/4-18 NPT
22,678.9-27,215.5	33.3	76.0	75.0	-	343.0	292.0	25.5	80.0	62.0	1/2-14 NPT
34,019.4	33.3	-	75.0	4.6	343.0	292.0	25.5	79.2	62.0	1/2-14 NPT

SPECIFICATIONS

Full Scale Output	3.0 mV/V \pm 0.25%	Recommended Excitation	10V (15V Maximum)
Zero Balance	\pm 0.02 mV/V	Insulation Resistance	$>$ 150V DC GO
Non-linearity	\pm 0.050%	Compensated Temperature Range	-10°C to 50°C / 14°F to 122°F
Repeatability	\pm 0.030%	Safe Overload	150% of full scale
Hysteresis Error	\pm 0.030%	Breaking Overload	300% of full scale
Creep in 30 min.	\pm 0.030%	Seal Type / IP Rating	Welded Seal / IP68
Input Resistance	700 Ω \pm 10	Cable Color Code	Exc+ Red Exc- Black Sig+ Green Sig- White
Output Resistance	700 Ω \pm 5		
Element Material	17-4PH Stainless Steel		

PART NUMBER*

Rated Capacity	Part No.	Weight Approx. (kg)
2.5Kib	102ES-2.5Kib	1.7
5Kib	102ES-5Kib	1.7
10Kib	102ES-10Kib	2.9
15Kib	102ES-15Kib	2.9
25Kib	102ES-25Kib	2.9
35Kib	102ES-35Kib	3.9
50Kib	102ES-50Kib	10.5
60Kib	102ES-60Kib	10.5
75Kib	102ES-75Kib	10.5

*ATEX, FM, IECEx approved versions carry the "-Ex" suffix.

INTERCHANGEABLE REFERENCE

Brand	Model
Artech	SS70510
Coti Global	CG-16-SSW
Rice Lake	RL75016SS
Rice Lake	RL75016WH*
Rice Lake	RL77032SS
Rice Lake	RL77032SS HE
Mettler Toledo	SLD525
Vishay Celtron	DSR-SS
Vishay Revere Transducers	5203
Vishay Sensortronics	65016W
Vishay Sensortronics	65016WH*

*Hermetically sealed.

WEIGH MODULE

Model	Page
102ESM2	155

102ES

Stainless Steel

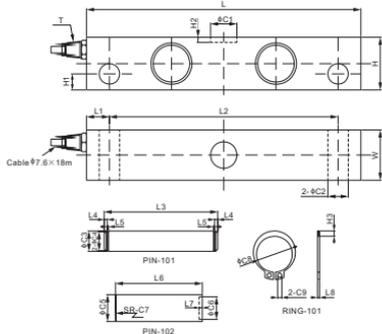
102EHEL

Alloy Steel

ANYLOAD



Mounting hardware to be ordered separately.



DIMENSIONS

RATED CAPACITY	C1	C2	C3	C4	C5	C6	C7	C8	C9	H	H1	H2	H3	L	L1	L2	L3	L4	L5	L6	L7	L8	W	T
40-50	1.00	0.78	0.75	0.71	1.0	0.84	12.0	0.67	0.08	2.00	0.61	0.20	0.09	10.50	0.87	8.75	4.25	0.12	0.04	3.25	0.12	0.04	1.91	1/4-18 NPT

kg/mm (conversion of above dimensions)
18.143.7-22.679.6 25.5 19.8 19.1 18.0 25.4 21.4 304.8 17.0 2.0 50.8 15.5 5.0 2.48 266.7 222.3 222.3 108.0 3.0 1.1 92.6 3.0 1.0 48.5 1/4-18 NPT

SPECIFICATIONS			
Full Scale Output	3.0 mV/V ± 0.25%	Recommended Excitation	10V (15V Maximum)
Zero Balance	± 0.02 mV/V	Insulation Resistance	> 2 [50V DC] GΩ
Non-linearity	< ± 0.030%	Compensated Temperature Range	-10°C to 50°C / 14°F to 122°F
Repeatability	< ± 0.015%	Safe Overload	150% of full scale
Hysteresis Error	< ± 0.020%	Breaking Overload	300% of full scale
Creep in 30 min.	< ± 0.020%	Seal Type / IP Rating	Environmentally Sealed / IP67
Input Resistance	700Ω ± 10	Cable Color Code	Exc+ Red Exc-Black Sig+ Green Sig-White Shield Bare
Output Resistance	700Ω ± 5		
Element Material	Alloy Steel, Nickel Plated		

PART NUMBER*

Load Cell	Part No.	Weight Approx. (kg)
40Kib.....	102EHEL-40Kib.....	5.4
50Kib.....	102EHEL-50Kib.....	5.4

Mounting Hardware
Mounting Hardware Part No. Weight Approx. (kg)
Mounting Kit*102EHEL-(40-50)Kib-PARTS.....0.8

* Mounting kit includes: 2 × PIN-101, 1 × PIN-102, 4 × RING-101.

*ATEX, FM, IECEx approved versions carry the "-Ex" suffix.

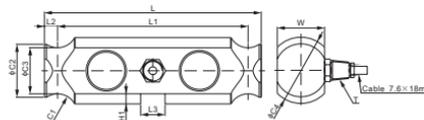
INTERCHANGEABLE REFERENCE

Brand	Model
Coti Global.....	CG-STR
Epelsa.....	STR

ANYLOAD

102FS

Stainless Steel



DIMENSIONS

RATED CAPACITY	C1	C2	C3	C4	H1	L	L1	L2	L3	W	T
Kib/inches											
50: 75	0.75	2.00	1.96	2.50	0.38	8.25	7.25	0.50	0.93	1.80	1/2-14 NPT
kg/mm (conversion of above dimensions)											
22.679.9: 34.019.8	19.0	50.8	44.7	63.5	9.7	209.6	184.2	12.7	23.6	45.7	1/2-14 NPT

SPECIFICATIONS			
Full Scale Output	2.0 mV/V ± 0.25%	Recommended Excitation	10V (15V Maximum)
Zero Balance	± 0.02 mV/V	Insulation Resistance	> 2 [50V DC] GΩ
Non-linearity	< ± 0.030%	Compensated Temperature Range	-10°C to 50°C / 14°F to 122°F
Repeatability	< ± 0.017%	Safe Overload	150% of full scale
Hysteresis Error	< ± 0.023%	Breaking Overload	300% of full scale
Creep in 30 min.	< ± 0.023%	Seal Type / IP Rating	Welded Seal / IP68
Input Resistance	700Ω ± 10	Cable Color Code	Exc+ Red Exc-Black Sig+ Green Sig-White Shield Bare
Output Resistance	700Ω ± 5		
Element Material	316L Stainless Steel		

PART NUMBER*

Rated Capacity	Part No.	Weight Approx. (kg)
50Kib.....	102FS-50Kib-YZ.....	5.4
75Kib.....	102FS-75Kib-YZ.....	5.8

*ATEX, FM, IECEx approved versions carry the "-Ex" suffix.

IP67 50Kib-75Kib: NTEP 1:10 000 Class III, Multiple Cell

111-55: OIML MAA C4, 5, Y=18 000

For further available P/N's & specifications per NTEP/OIML classes, please contact us.

INTERCHANGEABLE REFERENCE

Brand	Model
Cardinal.....	DB50000S
Cardinal.....	DB75000S
Coti Global.....	CG-DB50000S
Rice Lake.....	RLDB50000S
Rice Lake.....	RLDB75000S

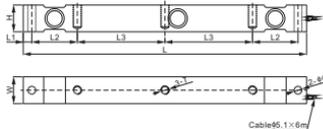
DOUBLE ENDED BEAMS

DOUBLE ENDED BEAMS

102MH

Alloy Steel

ANYLOAD



DIMENSIONS

RATED CAPACITY	C1	H	L	L1	L2	L3	W	T
t/mm								
25	18.0	62.0	660	20.0	106	204	62.0	M20 Depth 50
lb/inches (conversion of above dimensions)								
55,115	0.71	2.44	26.0	0.79	4.17	8.03	2.44	M20 Depth 1.97

SPECIFICATIONS

Full Scale Output	2.0 mV/V ± 0.25%	Recommended Excitation	10V (15V Maximum)
Zero Balance	± 0.02 mV/V	Insulation Resistance	> 2 | 50V DC | GΩ
Non-linearity	< ± 0.030%	Compensated Temperature Range	-10°C to 50°C / 14°F to 122°F
Repeatability	< ± 0.017%	Safe Overload	150% of full scale
Hysteresis Error	< ± 0.023%	Breaking Overload	300% of full scale
Creep in 30 min.	< ± 0.023%	Seal Type / IP Rating	Environmentally Sealed / IP67
Input Resistance	700Ω ± 10	Cable Color Code	Exc+ Red Exc- Black
Output Resistance	700Ω ± 5		Sig+ Green Sig- White
Element Material	Alloy Steel, Nickel Plated		Shield Bare

PART NUMBER*

Rated Capacity Part No. Weight Approx. (kg)

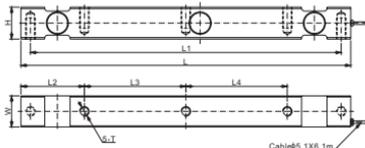
25.....102MH-25T.....19.4

*ATEX, FM, IECEx approved versions carry the "-Ex" suffix.

ANYLOAD

102MHML

Alloy Steel



DIMENSIONS

RATED CAPACITY	H	L	L1	L2	L3	L4	W	T
Kib/inches								
25	2.50	26.0	24.5	5.0	8.0	8.0	2.44	3/4-10 UNC-2B Depth 1.5
t/mm								
11.40	63.5	660.4	622.3	127.0	203.2	203.2	61.9	3/4-10 UNC-2B Depth 38.1

SPECIFICATIONS

Full Scale Output	2.0 mV/V ± 0.25%	Recommended Excitation	10V (15V Maximum)
Zero Balance	± 0.02 mV/V	Insulation Resistance	> 2 | 50V DC | GΩ
Non-linearity	< ± 0.030%	Compensated Temperature Range	-10°C to 50°C / 14°F to 122°F
Repeatability	< ± 0.010%	Safe Overload	150% of full scale
Hysteresis Error	< ± 0.020%	Breaking Overload	300% of full scale
Creep in 30 min.	< ± 0.023%	Seal Type / IP Rating	Environmentally Sealed / IP67
Input Resistance	750Ω ± 15	Cable Color Code	Exc+ Red Exc- Black
Output Resistance	700Ω ± 3		Sig+ Green Sig- White
Element Material	Alloy Steel		Shield Bare

PART NUMBER*

Rated Capacity Part No. Shipping Weight Approx. (kg)

25Kib.....102MHML-25Kib.....18.8

*ATEX, FM, IECEx approved versions carry the "-Ex" suffix.

INTERCHANGEABLE REFERENCE

Brand Model

Coti Global.....CG-SLS*

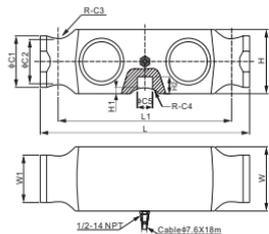
Massload.....ML1100

*Coti Global CG-SLS full scale output 2.0mV/V ± 0.1%

102RH

Alloy Steel

ANYLOAD



DIMENSIONS

RATED CAPACITY	C1	C2	C3	C4	C5	H	H1	H2	L	L1	W	W1
Kilb/inches												
50-85	2.40	2.06	1.00	1.00	0.75	2.99	0.28	0.79	10.25	8.50	2.99	2.20
75-125	2.40	2.06	1.00	1.00	0.75	2.99	0.28	0.79	10.25	8.50	2.99	2.20
mm												
10, 15	40.0	30.0	19.0	19.0	16.0	49.3	5.7	13.7	220.0	170.0	49.3	36.0

SPECIFICATIONS

Full Scale Output	3.0 mV/V ± 0.25%	Recommended Excitation	10V (15V Maximum)
Zero Balance	± 0.02 mV/V	Insulation Resistance	> 2 [50V DC] G/G
Non-linearity	< ± 0.023%	Compensated Temperature Range	-10°C to 50°C / 14°F to 122°F
Repeatability	< ± 0.017%	Safe Overload	150% of full scale
Hysteresis Error	< ± 0.023%	Breaking Overload	300% of full scale
Creep in 30 min.	< ± 0.023%	Seal Type / IP Rating	Welded Seal / IP68
Input Resistance	700Ω ± 10	Cable Color Code	Exc+ Red Exc- Black Sig+ Green Sig- White
Output Resistance	700Ω ± 5	Element Material	Alloy Steel, Nickel Plated

PART NUMBER*

Rated Capacity	Part No.	Weight Approx. (kg)
10t	102RH-10t	4.0
15t	102RH-15t	4.0
50Klb	102RH-50Klb	8.6
65Klb	102RH-65Klb	8.6
75Klb	102RH-CH-75Klb	8.6
100Klb	102RH-CH-100Klb	8.6
125Klb	102RH-CH-125Klb	9.2

* No center hole version (noC5)

100Klb	102RH-100Klb	8.6
125Klb	102RH-125Klb	9.2

* Interchange with 100Klb of Rice Lake RL 75233 (no center hole) only.

* ATEX, FM, IECEx approved versions carry the "-Ex" suffix.

INTERCHANGEABLE REFERENCE

Brand	Model
Artech	80210
Coti Global	CG-5223
Rice Lake	RL75223
Vishay Revere Transducers	75223
Vishay Sensortronics	65040-1127W

50Klb-125Klb: NTEP 1:10 000 Class III, Multiple Cell

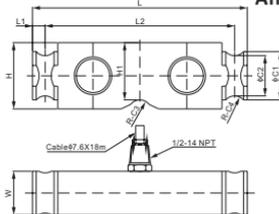
11t-15t: OIML MAA C4, Y=15 000

For further available P/N's & specifications per NTEP/OIML classes, please contact us.

ANYLOAD

102RHGT

Alloy Steel



DIMENSIONS

RATED CAPACITY	C1	C2	C3	C4	H	H1	L	L1	L2	W
Kilb/inches										
50	2.01	1.67	0.50	0.50	2.76	2.38	9.02	0.53	7.95	1.81
kg/mm (conversion of above dimensions)										
27,200	51.0	42.5	12.7	12.7	70.0	60.5	229.0	13.5	202.0	46.0

SPECIFICATIONS

Full Scale Output	3.0 mV/V ± 0.25%	Recommended Excitation	10V (15V Maximum)
Zero Balance	± 0.02 mV/V	Insulation Resistance	> 2 [50V DC] G/G
Non-linearity	< ± 0.030%	Compensated Temperature Range	-10°C to 50°C / 14°F to 122°F
Repeatability	< ± 0.017%	Safe Overload	150% of full scale
Hysteresis Error	< ± 0.023%	Breaking Overload	300% of full scale
Creep in 30 min.	< ± 0.023%	Seal Type / IP Rating	Welded Seal / IP68
Input Resistance	700Ω ± 10	Cable Color Code	Exc+ Red Exc- Black Sig+ Green Sig- White
Output Resistance	700Ω ± 5	Element Material	Alloy Steel, Nickel Plated

PART NUMBER*

Rated Capacity	Part No.	Weight Approx. (kg)
60Klb	102RHGT-60Klb	6.4

* ATEX, FM, IECEx approved versions carry the "-Ex" suffix.

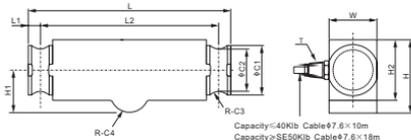
INTERCHANGEABLE REFERENCE

Brand	Model
BIM	SDB60Klb

102TH

Alloy Steel

ANYLOAD



RATED CAPACITY

	C1	C2	C3	C4	H	H1	H2	L	L1	L2	W	T
Kilb/inches												
21-40:SE50:SE60:SE75	2.00	1.63	0.50	0.50	2.97	1.75	2.44	8.25	0.50	7.25	1.94	1/2-14 NPT
50-75	2.20	1.70	0.75	1.00	3.47	2.00	2.84	11.50	0.75	10.00	1.94	1/2-14 NPT
100-125	3.20	2.44	1.00	1.50	4.68	2.75	3.88	14.50	1.00	12.50	2.90	1/2-14 NPT
mm (conversion of above dimensions)												
6.9-118 :SE22 :SE27 :SE34	50.8	41.4	12.7	12.7	75.4	44.5	62.0	209.6	12.7	184.2	49.3	1/2-14 NPT
22.7-34	55.9	43.2	19.1	25.4	88.1	50.8	74.7	292.1	19.1	254.0	49.3	1/2-14 NPT
42.4-56.7	81.2	62.0	25.4	38.1	118.9	69.9	98.0	368.3	25.4	317.5	73.7	1/2-14 NPT

SPECIFICATIONS

Full Scale Output	3.0 mV/V ± 0.25%	Recommended Excitation	10V (15V Maximum)
Zero Balance	± 0.02 mV/V	Insulation Resistance	> 2,150V DC 1 GΩ
Non-linearity	< ± 0.023%	Compensated Temperature Range	-10°C to 50°C / 14°F to 122°F
Repeatability	< ± 0.017%	Safe Overload	150% of full scale
Hysteresis Error	< ± 0.023%	Breaking Overload	300% of full scale
Creep in 30 min.	< ± 0.023%	Seal Type / IP Rating	Environmentally Sealed / IP67
Input Resistance	700Ω ± 10	Cable Color Code	Exc+ Red Exc- Black Sig+ Green Sig- White Shield Bare
Output Resistance	700Ω ± 5		
Element Material	Alloy Steel, Nickel Plated		

PART NUMBER*

Rated Capacity	Part No.	Weight Approx. (kg)
25Kib	102TH-25Kib	4.9
40Kib	102TH-40Kib	5.2
SE50Kib	102TH-SE50Kib	6.0
SE60Kib	102TH-SE60Kib	6.0
SE75Kib	102TH-SE75Kib	6.1
50Kib	102TH-50Kib	8.3
60Kib	102TH-60Kib	8.3
75Kib	102TH-75Kib	8.5
100Kib	102TH-100Kib	21.1
125Kib	102TH-125Kib	21.1

Lighting Protection Version:

75Kib	102TH-75Kib-02	8.5
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Lighting Protection + Rodent Protection Cable 50ft Version:

60Kib	102TH-60Kib-01-RP50ft	8.5
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SE refers to small envelope

*ATEX, FM, IECEx approved versions carry the "Ex" suffix.



NTEP 1:10 000 Class III, Multiple Cell

11H-5St: OIML MAA C4, Y=15 000

For further available PIN's & specifications per NTEP/OIML classes, please contact us.

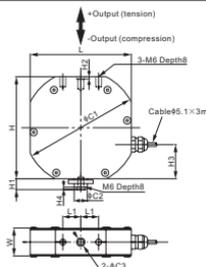
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ANYLOAD

101AH

Alloy Steel



DIMENSIONS

RATED CAPACITY	C1	C2	C3	H	H1	H2	H3	H4	L	L1	W
kg/mm											
1-30	95.0	11.0	7.0	85.0	9.0	2.0	28.5	2.0	85.0	15.0	24.0
lb/inches (conversion of above dimensions)											
2.20-66.14	3.74	0.43	0.28	3.35	0.35	0.08	1.12	0.08	3.35	0.59	0.94

SPECIFICATIONS

Full Scale Output	2.0 mV/V ± 10%	Recommended Excitation	10V (15V Maximum)
Zero Balance	± 0.02 mV/V	Insulation Resistance	> 2,150V DC 1 GΩ
Non-linearity	< ± 0.017%	Compensated Temperature Range	-10°C to 50°C / 14°F to 122°F
Repeatability	< ± 0.017%	Safe Overload	150% of full scale
Hysteresis Error	< ± 0.017%	Breaking Overload	300% of full scale
Creep in 30 min.	< ± 0.023%	Seal Type / IP Rating	Environmentally Sealed / IP65
Input Resistance	400Ω ± 20	Cable Color Code	Exc+ Red Exc- Black Sig+ Green Sig- White Shield Bare
Output Resistance	350Ω ± 3		
Element Material	Alloy Steel, Nickel Plated		

PART NUMBER

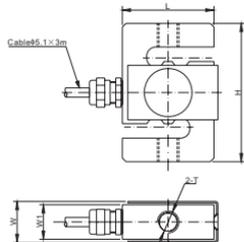
Rated Capacity	Deflection Emax (mm)	Part No.	Weight Approx. (kg)
1kg	0.36-0.46	101AH-1kg	0.9
2kg	0.19-0.29	101AH-2kg	0.9
3kg	0.15-0.25	101AH-3kg	0.9
5kg	0.16-0.26	101AH-5kg	0.9
10kg	0.14-0.24	101AH-10kg	0.9
20kg	-	101AH-20kg	0.9
30kg	-	101AH-30kg	0.9

*ATEX, FM, IECEx approved versions carry the "Ex" suffix.

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Aluminum



DIMENSIONS

RATED CAPACITY	H	L	W	W1	T
kg/mm					
10-200	78.2	50.8	22.6	19.0	M12 X 1.75
lb/inches (conversion of above dimensions)					
22.05-440.92	3.00	2.00	0.89	0.75	M12 X 1.75

SPECIFICATIONS

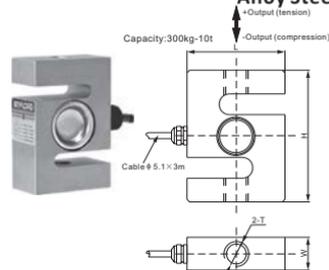
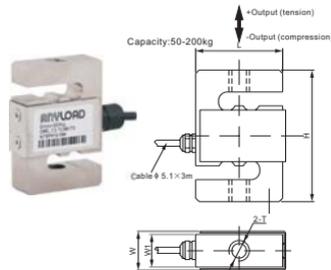
Full Scale Output	2.0 mV/V ± 1%	Recommended Excitation	10V (15V Maximum)
Zero Balance	± 0.02 mV/V	Insulation Resistance	>2 | 50V DC | G/G
Non-linearity	< ± 0.017%	Compensated Temperature Range	-10°C to 50°C / 14°F to 122°F
Repeatability	< ± 0.017%	Safe Overload	150% of full scale
Hysteresis Error	< ± 0.017%	Breaking Overload	300% of full scale
Creep in 30 min.	< ± 0.023%	Seal Type / IP Rating	Environmentally Sealed / IP67
Input Resistance	400Ω ± 25	Cable Color Code	Exc+ Red Exc- Black Sig+ Green Sig- White Shield Bare
Output Resistance	350Ω ± 3		
Element Material	Aluminum, Clear Anodized		

PART NUMBER*

Rated Capacity	Part No.	Weight Approx. (kg)
10kg	101BA-10kg	0.6
20kg	101BA-20kg	0.6
50kg	101BA-50kg	0.6
100kg	101BA-100kg	0.6
200kg	101BA-200kg	0.6

*ATEX, FM, IECEx approved versions carry the "-Ex" suffix.

Alloy Steel



DIMENSIONS

RATED CAPACITY	H	L	W	W1	T
kg/mm					
50-200	78.2	50.8	22.6	19.0	M12X1.75
300-1500; SE2.000	78.2	50.8	22.6	-	M12X1.75
2,000-5,000	108.0	78.2	25.4	-	M18X1.50
10,000	177.8	125.0	50.8	-	M30X2.00
lb/inches (conversion of above dimensions)					
110.23-440.92	3.00	2.00	0.89	0.75	M12X1.75
661.39-3,306.9; SE4,409.2	3.00	2.00	1.11	-	M12X1.75
4,409.2-11,023.1	4.25	3.00	1.00	-	M18X1.50
22,046.2	7.00	4.92	2.00	-	M30X2.00

SPECIFICATIONS

Full Scale Output	2.0 mV/V ± 1%	Recommended Excitation	10V (15V Maximum)
Zero Balance	± 0.02 mV/V	Insulation Resistance	>2 | 50V DC | G/G
Non-linearity	< ± 0.017%	Compensated Temperature Range	-10°C to 50°C / 14°F to 122°F
Repeatability	< ± 0.017%	Safe Overload	150% of full scale
Hysteresis Error	< ± 0.017%	Breaking Overload	300% of full scale
Creep in 30 min.	< ± 0.023%	Seal Type / IP Rating	Cap. ≥ 200kg: Environmentally Sealed / IP66 Cap. ≥ 300kg: Environmentally Sealed / IP67
Input Resistance	400Ω ± 25	Cable Color Code	Exc+ Red Exc- Black Sig+ Green Sig- White Shield Bare
Output Resistance	350Ω ± 3		
Element Material	Alloy Steel, Nickel Plated		

PART NUMBER*

Rated Capacity	Deflection Emax (mm)	Part No.	Weight Approx. (kg)
50kg	0.04-0.14	101BH-50kg	0.6
100kg	0.05-0.15	101BH-100kg	0.6
200kg	0.08-0.18	101BH-200kg	0.6
300kg	0.04-0.14	101BH-300kg	0.8
500kg	0.08-0.18	101BH-500kg	0.8
1t	0.17-0.27	101BH-1t	0.8
SE2t	-	101BH-SE2t	0.8
2t	0.17-0.27	101BH-2t	1.5
3t	0.25-0.35	101BH-3t	1.5
5t	0.35-0.45	101BH-5t	1.5
10t	0.29-0.39	101BH-10t	7.4

SE refers to small envelope

*ATEX, FM, IECEx approved versions carry the "-Ex" suffix.

WEIGH MODULE

Model	Page
101BH2	149

INTERCHANGEABLE REFERENCE

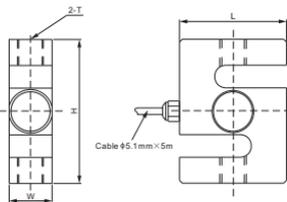
Brand	Model
Vishay TedeA-Huntleigh	615

100lb-500lb: up to NTEP 1:4 500 Class III, Single Cell
1kg-20kg: up to NTEP 1:5 500 Class III, Single Cell
200kg-1.5t: up to OIML MAA C3, Y=17 000
2t-10t: up to OIML MAA C4.5, Y=14 000

For further available P/N's & specifications per NTEP/OIML classes, please contact us.

101BS

Stainless Steel



RATED CAPACITY	H	L	W	T
lb/inches				
500-3,000	3.00	2.00	1.11	1/2-20 UNF-2B
5,000	4.00	3.00	1.11	3/4-16 UNF-2B
10,000	5.00	3.00	1.25	3/4-16 UNF-2B
15,000	5.50	4.00	1.25	1-14 UNS-2B
20,000	7.00	5.00	2.00	1-12 UNF-2B

kg/mm	H	L	W	T
300-1,000	76.2	50.8	28.2	M12X1.75
2,000-3,000	101.6	76.2	28.2	M16X2.00
5,000	101.6	76.2	31.8	M24X2.00
10,000	177.8	125.0	50.8	M30X2.00

SPECIFICATIONS

Full Scale Output	2.0 mV/V ± 1%	Recommended Excitation	10V (15V Maximum)
Zero Balance	± 0.02 mV/V	Insulation Resistance	> 2 [50V DC] G/G
Non-linearity	< ± 0.023%	Compensated Temperature Range	-10°C to 50°C / 14°F to 122°F
Repeatability	< ± 0.030%	Safe Overload	150% of full scale
Hysteresis Error	< ± 0.030%	Breaking Overload	300% of full scale
Creep in 30 min.	< ± 0.030%	Seal Type / IP Rating	Welded Seal / IP68
Input Resistance	400Ω ± 20	Cable Color Code	Exc+ Red Exc- Black Sig+ Green Sig- White Shield Bare
Output Resistance	350Ω ± 3	Element Material	17-4PH Stainless Steel

PART NUMBER*

Rated Capacity	Deflection (Emax)	Part No.	Weight Approx.
300kg	0.16-0.16mm	101BS-300kg	0.8kg
500kg	0.11-0.21mm	101BS-500kg	0.8kg
1t	0.23-0.33mm	101BS-1t	0.8kg
2t	0.20-0.30mm	101BS-2t	1.5kg
3t	0.30-0.40mm	101BS-3t	1.5kg
5t	0.35-0.45mm	101BS-5t	1.7kg
10t	0.008-0.012in.	101BS-10t	7.0kg
500lb	0.002-0.006in.	101BS-500lb	1.8lb
1Klb	0.004-0.008in.	101BS-1Klb	1.8lb
1.5Klb	0.006-0.010in.	101BS-1.5Klb	1.8lb
2Klb	0.008-0.012in.	101BS-2Klb	1.8lb
2.5Klb	0.010-0.014in.	101BS-2.5Klb	1.8lb
3Klb	0.012-0.016in.	101BS-3Klb	1.8lb
3Klb	0.009-0.013in.	101BS-3Klb	3.3lb
10Klb	0.015-0.019in.	101BS-10Klb	3.8lb
15Klb	0.015-0.019in.	101BS-15Klb	6.4lb
20Klb	0.014-0.018in.	101BS-20Klb	15.4lb

*ATEX, FM, IECEx approved versions carry the "-Ex" suffix.

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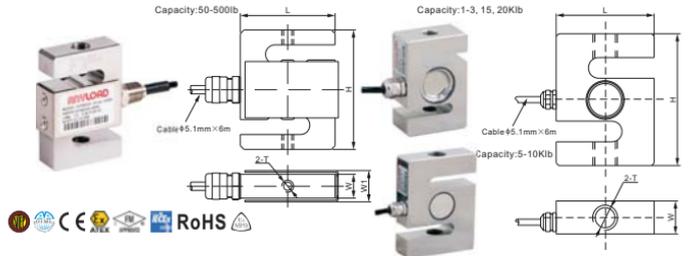
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101NSGS

Stainless Steel



RATED CAPACITY	H	L	W	W1	T
lb/inches					
50-250	2.50	2.00	0.50	0.65	1/4-28 UNF-2B
500	3.00	2.00	0.75	0.89	1/2-20 UNF-2B
1,000-3,000	3.00	2.00	1.11	1.11	1/2-20 UNF-2B
5,000, 10,000	4.00	3.00	1.00	1.00	3/4-16 UNF-2B
15,000	5.50	4.00	1.25	1.25	1-14 UNS-2B
20,000	7.00	5.00	2.00	2.00	1-12 UNF-2B

kg/mm	H	L	W	W1	T
300-1,000	76.2	50.8	12.7	16.6	1/4-28 UNF-2B
2,000-3,000	101.6	76.2	19.1	22.6	1/2-20 UNF-2B
5,000	101.6	76.2	28.2	28.2	1/2-20 UNF-2B
10,000	101.6	76.2	25.4	25.4	3/4-16 UNF-2B
15,000	139.7	101.6	31.8	31.8	1-14 UNS-2B
20,000	177.8	127.0	50.8	50.8	1-12 UNF-2B

SPECIFICATIONS

Full Scale Output	3.0 mV/V ± 1%	Recommended Excitation	10V (15V Maximum)
Zero Balance	± 0.02 mV/V	Insulation Resistance	> 2 [50V DC] G/G
Non-linearity	< ± 0.017%	Compensated Temperature Range	-10°C to 50°C / 14°F to 122°F
Repeatability	< ± 0.017%	Safe Overload	150% of full scale
Hysteresis Error	< ± 0.017%	Breaking Overload	300% of full scale
Creep in 30 min.	< ± 0.023%	Seal Type / IP Rating	Cap. ≥ 500lb: Environmentally Sealed / IP68
Input Resistance	350Ω ± 7	Cable Color Code	Cap. ≥ 1Klb: Environmentally Sealed / IP67
Output Resistance	350Ω ± 3	Element Material	Exc+ Red Exc- Black Sig+ Green Sig- White Shield Bare

PART NUMBER*

Rated Capacity	Deflection Emax(inch)	Part No.	Weight Approx. (lb)
50lb	0.003-0.007	101NSGS-50lb	1.1
100lb	0.003-0.007	101NSGS-100lb	1.1
250lb	0.003-0.007	101NSGS-250lb	1.1
500lb	0.003-0.007	101NSGS-500lb	1.5
1Klb	0.003-0.007	101NSGS-1Klb	1.8
1.5Klb	0.003-0.007	101NSGS-1.5Klb	1.8
2Klb	0.003-0.007	101NSGS-2Klb	1.8
2.5Klb	0.003-0.007	101NSGS-2.5Klb	1.8
3Klb	0.003-0.007	101NSGS-3Klb	1.8
5Klb	0.003-0.007	101NSGS-5Klb	2.9
10Klb	0.003-0.007	101NSGS-10Klb	2.9
15Klb	0.003-0.007	101NSGS-15Klb	6.6
20Klb	0.003-0.007	101NSGS-20Klb	15.0

INTERCHANGEABLE REFERENCE

Brand	Model
Artch	SS20210
Coti Global	CGSB-SS
Mettler-Toledo	SLSS10*
Rice Lake	RL20000 ST
Rice Lake	RL20000 ST
Vishay Celtron	STC-SS
Vishay Revue Transducers	9363
Vishay Sensortronics	60050

* SLSS10's height of 500lb-2Klb: 2.40inch; 3Klb: 3.90inch. Thread of SLSS15Klb: 1-14 UNF-2B.

100lb-500lb: up to NTEP 1-4 500 Class III, Single Cell; 1Klb-20Klb: up to NTEP 1-5 500 Class III, Single Cell

200kg-1.5t: up to OIML MAA C3, Y=17 000; 2t-10t: up to OIML MAA C4.5, Y=14 000

For further available P/N's & specifications per NTEP/OIML classes, please contact us.

*ATEX, FM, IECEx approved versions carry the "-Ex" suffix.

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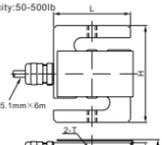
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101NH

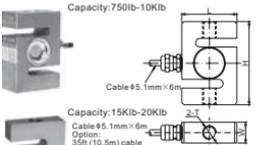
Alloy Steel



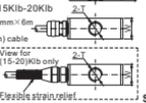
Capacity: 50-500lb



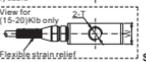
Capacity: 750lb-10Klb



Capacity: 15Klb-20Klb



View for Cable (15.2m only)



Shipping Weight (lb)

RATED CAPACITY	H	L	DIMENSIONS		Shipping Weight (lb)	
lb/inches			W	W1	T	
50-300	2.50	2.00	0.65	0.50	1/4-28 UNF-2B	1.3
500	3.00	2.00	0.89	0.75	1/2-20 UNF-2B	1.5
750-3,000	3.00	2.00	1.11	-	1/2-20 UNF-2B	2.0
5,000-10,000	4.00	3.00	1.00	-	3/4-16 UNF-2B	3.3
15,000	5.50	4.00	1.25	-	1-14 UNS-2B	6.6
20,000	7.00	4.92	2.00	-	1-12 UNF-2B	15.0

SPECIFICATIONS			
Full Scale Output	3.0 mV/V ± 1%	Recommended Excitation	10V (15V Maximum)
Zero Balance	± 0.02 mV/V	Insulation Resistance	> 2 | 50V DC | G0
Non-linearity	< ± 0.017%	Compensated Temperature Range	-10°C to 50°C / 14°F to 122°F
Repeatability	< ± 0.017%	Safe Overload	150% of full scale
Hysteresis Error	< ± 0.017%	Breaking Overload	300% of full scale
Creep in 30 min.	< ± 0.023%	Seal Type / IP Rating	Cap. ± 500lb Environmentally Sealed / IP66 Cap. ± 750lb Environmentally Sealed / IP67
Input Resistance	350Ω ± 7	Cable Color Code	Exc+ Red Exc- Black Sig+ Green Sig- White Shield Bare
Output Resistance	350Ω ± 3		
Element Material	Alloy Steel, Nickel Plated		

Rated Capacity	Deflection Emax (inch)	Width	Part Number	INTERCHANGEABLE REFERENCE													
				Aritech		Coti-Global		Rice Lake		Vishay							
	Height			20210	CGSB	CGSB-1	RL20000	RL20001	STC	Revere	Sensortronics						
50lb	0.004-0.008 (H 2.5")	W:0.65 (H 2.5")	101NH-50lb	W:0.75	W:0.75	W:0.75	W:0.75			(H 2.4")		W:0.75					
100lb	0.004-0.008 (H 2.5")	W:0.89 (H 2.5")	101NH-100lb	W:0.75	W:0.75	W:0.75	W:0.75			(H 2.4")		W:0.75					
200lb	0.005-0.009	W:0.89 (H 2.5")	101NH-200lb	W:0.75	W:0.75	W:0.75	W:0.75			(H 2.4")		W:0.75					
250lb 300lb	0.005-0.009	W:0.89 (H 2.5")	101NH-250lb (IP 67) 101NH-300lb (IP 67-UNF-2B)	W:0.75	W:0.75 (T 38.24 UNF-2B)	W:0.75	W:0.75 (T 38.24 UNF-2B)	W:0.75 (L 3") (T 38.24 UNF-2B)	W:1.05 (H 2.4") (T 38.24 UNF-2B)	W:1.2 (H 2.4") (T 38.24 UNF-2B)	W:0.9 (H 2.4") (T 38.24 UNF-2B)	W:0.75 (H 2.4") (T 38.24 UNF-2B)					
500lb	0.005-0.009	W:0.89 (H 2.5")	101NH-500lb	W:1.00	W:1.00	W:1.00	W:1.00	W:1.2	W:1.2	W:1.2	W:0.9 (H 2.4")	W:1.00 (H 2.4")					
750lb	0.004-0.008	W:1.11 (H 3")	101NH-750lb	W:1.00	W:1.00	W:1.00	W:1.00	W:1.2	W:1.2	W:1.2	W:0.9 (H 2.4")	W:1.00 (H 2.4")					
1Klb	0.004-0.007	W:1.11 (H 3")	101NH-1Klb	W:1.00	W:1.00	W:1.00	W:1.00	W:1.2	W:1.2	W:1.2	W:0.9 (H 2.4")	W:1.00 (H 2.4")					
1.3Klb	0.005-0.009	W:1.11 (H 3")	101NH-1.3Klb	W:1.00	W:1.00	W:1.00	W:1.00	W:1.2	W:1.2	W:1.2	W:0.9 (H 2.4")	W:1.00 (H 2.4")					
2Klb	0.007-0.011	W:1.11 (H 3")	101NH-2Klb	W:1.00	W:1.00	W:1.00	W:1.25	W:1.00	W:1.25	W:1.25	W:1.15 (H 2.4")	W:1.00 (H 2.4")					
2.5Klb	0.009-0.012	W:1.11 (H 3")	101NH-2.5Klb	W:1.00	W:1.00	W:1.00	W:1.25	W:1.00	W:1.25	W:1.25	W:1.15 (H 2.4")	W:1.00 (H 2.4")					
3Klb	0.010-0.014	W:1.11 (H 3")	101NH-3Klb	W:1.00	W:1.00	W:1.00	W:1.25	W:1.00	W:1.25	W:1.25	W:1.15 (H 2.4")	W:1.00 (H 2.4")					
5Klb	0.012-0.016	W:1.11 (H 3")	101NH-5Klb				W:1.25	W:1.25	W:1.25	W:1.25	W:1.15 (H 2.4")	W:1.00 (H 2.4")					
10Klb	0.014-0.018	W:1.47 (H 4")	101NH-10Klb				W:1.25	W:1.25	W:1.25	W:1.25	W:1.15 (H 2.4")	W:1.00 (H 2.4")					
15Klb	0.014-0.018	W:1.25 (T 1.14 UNS-2B)	101NH-15Klb (IP 67) 101NH-15Klb-30lb	W:1.5	W:1.5 (L 4.39")	W:1.5	W:1.5	W:1.5	W:1.5	W:1.5	W:1.65 (L 3.44")	W:1.50 (L 3.00")					
20Klb	0.015-0.019	W:2.0 (H 4.92")	101NH-20Klb (IP 67) 101NH-20Klb-30lb	W:2.25	W:2.25 (L 4.39")	W:2.25	W:2.25	W:2.25	W:2.25	W:2.25	W:1.88 (L 4.44")	W:1.50 (L 3.00")					

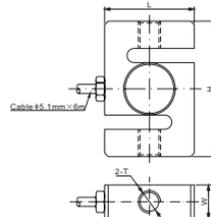
*ATEX, FM, IECEx approved versions carry the "E-Ex" suffix.
 * 1000-5000: up to NTEP 1:4 500 Class III, Single Cell; 1Klb-20Klb: up to NTEP 1:5 500 Class III, Single Cell
 * 200kg-1.5t: up to OIML MAA C3, Y=17 000; 2t-10t: up to OIML MAA C4.5, Y=14 000
 For further available PIN's & specifications per NTEP/OIML classes, please contact customer service.
www.anyload.com

ANYLOAD



101NH-LE

Alloy Steel



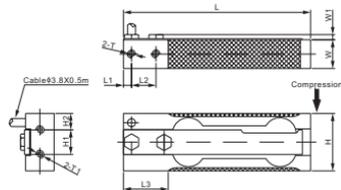
PART NUMBER	RATED CAPACITY	DIMENSIONS				
		H	L	W	W1	T
101NH-LE5Klb	5,000	4.25	3.00	1.00	-	3/4-18 UNF
101NH-LE10Klb	10,000	4.75	3.50	1.00	-	3/4-18 UNF
101NH-05-LE5Klb	5,000	4.25	3.00	1.00	0.98	1/2-20 UNF
101NH-06-5Klb-1m	5,000	3.90	3.00	1.00	0.98	1/2-20 UNF

SPECIFICATIONS			
Full Scale Output	3.0 mV/V ± 0.25%	Recommended Excitation	10V (15V Maximum)
Zero Balance	± 0.02 mV/V	Insulation Resistance	> 2 | 50V DC | G0
Non-linearity	< ± 0.03%	Nominal Temperature Range	-10°C to 50°C / 14°F to 122°F
Repeatability	< ± 0.01%	Safe Overload	150% of full scale
Hysteresis Error	< ± 0.02%	Breaking Overload	300% of full scale
Creep in 30 min.	< ± 0.02%	Seal Type / IP Rating	Environmentally Sealed / IP67
Input Resistance	3850 ± 10	Cable Color Code	Exc+ Red Exc- Black Sig+ Green Sig- White Shield Bare
Output Resistance	3500 ± 3		
Element Material	Alloy Steel, Nickel Plated		

PART NUMBER**			INTERCHANGEABLE PRODUCTS	
Rated Capacity	Part No.	Weight Approx. (kg)	Brand	Model*
5Klb	.....101NH-LE5Klb	.....1.5	Vishay	Sensortronics.....60001
10Klb	.....101NH-LE10Klb	.....1.5	Rice Lake	.....20001
			Vishay	Celtron.....STC
5Klb	.....101NH-05-LE5Klb	.....1.5		
	.....101NH-06-5Klb-1m	.....1.2		

*1/2-20 UNF thread, not interchangeable with Sensortronics 60001
 *101NH-05-LE5Klb: favorable alternative to Rice Lake LTS load cell with 3mV/V
 *101NH-06-5Klb-1m: Direct alternative for Rice Lake LTS load cell with 1.5mV/V.
 **ATEX, FM, IECEx approved versions carry the "E-Ex" suffix.
 *NTEP 1:5 000 Class III, Multiple Cell
 *OIML MAA C4.5, Y=14 000
 For further available PIN's & specifications per NTEP/OIML classes, please contact us.

Aluminum



DIMENSIONS

RATED CAPACITY	H	H1	H2	L	L1	L2	L3	W	W1	T	T1
kg/mm											
0.1-0.5	28	12	8	92	4	12	22	10	4	M4 Depth:6	M4
1-2	28	12	8	92	4	12	22	12	4	M4 Depth:8	M4
3-5	28	12	8	92	4	12	22	14	4	M4 Depth:8	M4
lb/inches (conversion of above dimensions)											
0.22-1.1	1.10	0.47	0.31	3.62	0.16	0.47	0.87	0.39	0.16	M4 Depth:0.24	M4
2.2-4.4	1.10	0.47	0.31	3.62	0.16	0.47	0.87	0.47	0.16	M4 Depth:0.31	M4
6.6-11	1.10	0.47	0.31	3.62	0.16	0.47	0.87	0.55	0.16	M4 Depth:0.31	M4

SPECIFICATIONS

Full Scale Output	Capacity $\leq 500g$: 1.0 mV/V $\pm 20\%$ Capacity $\geq 1kg</math>: 2.0 mV/V \pm 20\%$	Recommended Excitation	10V (15V Maximum)
Zero Balance	± 0.02 mV/V	Reference Max. Platform Size	Capacity $\leq 500g$: 200 x 200 mm Capacity $\geq 1kg</math>: 230 x 230 mm$
Non-linearity	Cap. $\leq 500g$: $\leq \pm 0.023\%$, Cap. $\geq 1kg</math>: \leq \pm 0.017\%$	Insulation Resistance	>2 | 50V DC | G/D
Repeatability	Cap. $\leq 500g$: $\leq \pm 0.023\%$, Cap. $\geq 1kg</math>: \leq \pm 0.017\%$	Nominal Temperature Range	-10°C to 40°C / 14°F to 104°F
Hysteresis Error	Cap. $\leq 500g$: $\leq \pm 0.023\%$, Cap. $\geq 1kg</math>: \leq \pm 0.017\%$	Safe Overload	150% of full scale
Crimp In 30 min.	Cap. $\leq 500g$: $\leq \pm 0.050\%$, Cap. $\geq 1kg</math>: \leq \pm 0.023\%$	Breaking Overload	300% of full scale
Input Resistance	415 Ω ± 16	Seal Type / IP Rating	Environmentally Sealed / IP66
Output Resistance	350 Ω ± 3	Cable Color Code	Exc+ Red Exo- Black Sig+ Green Sig- White Shield Bare
Element Material	Aluminum, Clear Anodized		

PART NUMBER*

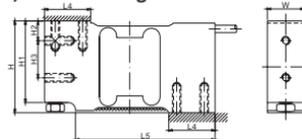
Rated Capacity	Part No.	Weight Approx. (kg)
100g	108AA-100g	0.1
200g	108AA-200g	0.1
300g	108AA-300g	0.1
500g	108AA-500g	0.1
1kg	108AA-1kg	0.1
2kg	108AA-2kg	0.1
3kg	108AA-3kg	0.1
5kg	108AA-5kg	0.1

*ATEX, FM, IECEx approved versions carry the "-Ex" suffix.

OIML 1kg-5kg: OIML C3

For further available P/N's & specifications per OIML classes, please contact us.

Aluminum, Precision High Moment Load Cell



DIMENSIONS

RATED CAPACITY	H	H1	H2	H3	L	L1	L2	L3	L4	L5	W	T
kg/mm												
2-90	63.0	56.0	13.6	25.4	118.0	7.5	19.1	65.0	32.0	96.5	25.5	1/4-20UNC Depth:19
lb/inches (conversion of above dimensions)												
6.61-198.42	2.48	2.20	0.54	1.00	4.65	0.30	0.75	2.56	1.26	3.80	1.00	1/4-20UNC Depth:19

SPECIFICATIONS

Full Scale Output	2.0 mV/V $\pm 0.25\%$	Recommended Torque	3 to 30kg: 7Nm(62m-lb) 50 and 90kg: 10Nm(90m-lb)
Zero Balance	± 0.02 mV/V	Reference Max. Platform Size	350 x 350 mm
Non-linearity	$\leq \pm 0.03\%$	Insulation Resistance	>2 | 50V DC | G/D
Repeatability	$\leq \pm 0.03\%$	Nominal Temperature Range	-10°C to 40°C / 14°F to 104°F
Hysteresis Error	$\leq \pm 0.03\%$	Safe Overload	150% of full scale
Crimp in 30 min.	$\leq \pm 0.03\%$	Breaking Overload	300% of full scale
Input Resistance	415 Ω ± 15	Seal Type / IP Rating	Environmentally Sealed / IP66
Output Resistance	350 Ω ± 3	Cable Color Code	Exc+ Green Exo- Black Sig+ Red Sig- White Shield Bare
Element Material	Aluminum, Clear Anodized		
Recommended Excitation	10V (15V Maximum)		

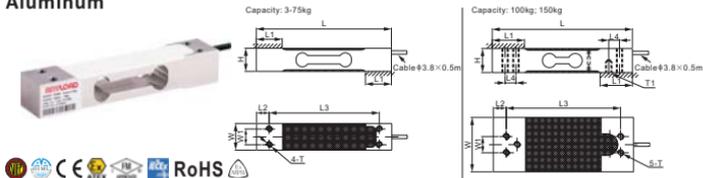
PART NUMBER*

Rated Capacity	Part No.	Weight Approx. (kg)
3kg	108AA3MUN-3kg	0.5
5kg	108AA3MUN-5kg	0.5
10kg	108AA3MUN-10kg	0.5
15kg	108AA3MUN-15kg	0.5
20kg	108AA3MUN-20kg	0.5
30kg	108AA3MUN-30kg	0.5
50kg	108AA3MUN-50kg	0.5
90kg	108AA3MUN-90kg	0.5

*ATEX, FM, IECEx approved versions carry the "-Ex" suffix.

INTERCHANGEABLE REFERENCE

Brand	Model
Vishay TedeA-Huntleigh	1010
Vishay TedeA-Huntleigh	1015



DIMENSIONS

RATED CAPACITY	H	L	L1	L2	L3	L4	W	W1	T	T1
kg/mm										
3-30	22.0	130.0	25.0	12.0	106.0	-	25.4	15.0	M6	-
35	22.0	130.0	25.0	12.0	106.0	-	30.0	15.0	M6	-
40	22.0	130.0	25.0	12.0	106.0	-	38.5	15.0	M6	-
50-80; 75	22.0	130.0	30.0	12.0	106.0	-	38.5	15.0	M6	-
100; 150	22.0	130.0	30.0	12.0	106.0	10.0	50.0	15.0	M6	M6 Depth10
lb/inches (conversion of above dimensions)										
6.81-86.14	0.87	5.12	0.98	0.47	4.17	-	1.00	0.59	M6	-
77.16	0.87	5.12	0.98	0.47	4.17	-	1.18	0.59	M6	-
88.18	0.87	5.12	0.98	0.47	4.17	-	1.52	0.59	M6	-
110.23; 132.28; 165.35	0.87	5.12	1.18	0.47	4.17	-	1.52	0.59	M6	-
220.46; 330.69	0.87	5.12	1.18	0.47	4.17	0.39	1.97	0.59	M6	M6 Depth0.39

SPECIFICATIONS

Full Scale Output	2.0 mV/V ± 10%	Recommended Excitation	10V (15V Maximum)
Zero Balance	± 0.02 mV/V	Reference Max. Platform Size	400 x 400 mm
Non-linearity	< ± 0.017%	Insulation Resistance	> 2 | 50V DC | G/G
Repeatability	< ± 0.017%	Nominal Temperature Range	-10°C to 40°C / 14°F to 104°F
Hysteresis Error	< ± 0.017%	Safe Overload	150% of full scale
Crawl in 30 min.	< ± 0.023%	Breaking Overload	300% of full scale
Input Resistance	415Ω ± 15	Seal Type / IP Rating	Environmentally Sealed / IP66
Output Resistance	350Ω ± 3	Cable Color Code	Exc+ Red Exc- Black Sig+ Green Sig- White
Element Material	Aluminum, Clear Anodized		Shield Bare

PART NUMBER*

Rated Capacity	Part No.	Weight Approx. (kg)
3kg	108BA-3kg	0.2
6kg	108BA-6kg	0.2
6kg**	108BA-03-6kg	0.2
7kg	108BA-7kg	0.2
10kg	108BA-10kg	0.2
15kg	108BA-15kg	0.2
20kg	108BA-20kg	0.2
30kg	108BA-30kg	0.2
35kg	108BA-35kg	0.2
40kg (W=38.5mm)	108BA-40kg	0.2
40kg (W=30mm)	108BA-W1-40kg	0.2
50kg	108BA-50kg	0.26
60kg	108BA-60kg	0.26
75kg	108BA-75kg	0.26
100kg	108BA-100kg	0.35
150kg	108BA-150kg	0.35

*ATEX, FM, IECEx approved versions carry the "-Ex" suffix.
**W=30.0mm, side cable exit

INTERCHANGEABLE REFERENCE

Brand	Model
Mettler-Toledo	MT1022
Flintec	PC22*
HBM	PW6C**
HBM	PW6K
Rice Lake	RL1521A
Vishay Celtron	LPS ME 6-35kg
Vishay Teleda-Huntleigh	1022

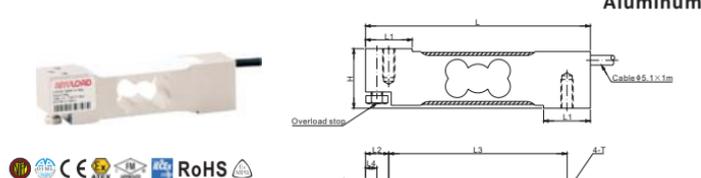
*PC22: 6-wire cable, the shielding wire connected to the sensor body, width of 20kg and 30kg is 30mm.
** Full scale output of PW6C: 2.2 ± 0.2% mV/V

● NTEP 1:5 000 Class III, Single Cell

● 6kg-40kg: OIML MAA C7.5, Y=20 000;
50kg-150kg: OIML MAA C6, Y=29 000;
For further available P/N's & specifications per NTEP/OIML classes, please contact us.

AVAILABLE OPTIONS

- 1m cable
- 3m cable
- Stainless steel version 108BS



DIMENSIONS

RATED CAPACITY	H	L	L1	L2	L3	L4	W	W1	T	
kg/mm										
3-100	31.0	118.0	24.5	12.2	93.6	6.0	25.4	12.7	1/4-20 UNC Depth 15	
lb/inches (conversion of above dimensions)										
6.61-220.48	1.22	4.65	0.96	0.48	3.69	0.24	1.00	0.50	1/4-20 UNC Depth 0.59	

SPECIFICATIONS

Full Scale Output	2.0 mV/V ± 10%	Recommended Excitation	10V (15V Maximum)
Zero Balance	± 0.02 mV/V	Reference Max. Platform Size	350 x 350 mm
Non-linearity	< ± 0.017%	Insulation Resistance	> 2 | 50V DC | G/G
Repeatability	< ± 0.017%	Nominal Temperature Range	-10°C to 40°C / 14°F to 104°F
Hysteresis Error	< ± 0.017%	Safe Overload	150% of full scale
Crawl in 30 min.	< ± 0.023%	Breaking Overload	300% of full scale
Input Resistance	415Ω ± 15	Seal Type / IP Rating	Environmentally Sealed / IP66
Output Resistance	350Ω ± 3	Cable Color Code	Exc+ Red Exc- Black Sig+ Green Sig- White
Element Material	Aluminum, Clear Anodized		Shield Bare

PART NUMBER*

Rated Capacity	Part No.	Weight Approx. (kg)
3kg	108BATD-3kg	0.3
5kg	108BATD-5kg	0.3
7kg	108BATD-7kg	0.3
10kg	108BATD-10kg	0.3
15kg	108BATD-15kg	0.3
20kg	108BATD-20kg	0.3
30kg	108BATD-30kg	0.3
50kg	108BATD-50kg	0.3
100kg	108BATD-100kg	0.3

*ATEX, FM, IECEx approved versions carry the "-Ex" suffix.

● NTEP 1:5 000 Class III, Single Cell

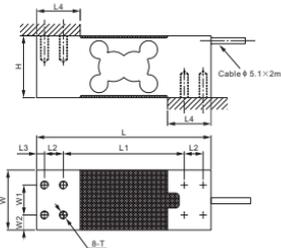
● 5kg-30kg: OIML MAA C7.5, Y=20 000;
50kg-100kg: OIML MAA C6, Y=29 000

For further available P/N's & specifications per NTEP/OIML classes, please contact us.

INTERCHANGEABLE REFERENCE

Brand	Model
Vishay Teleda-Huntleigh	1030

Aluminum



DIMENSIONS

RATED CAPACITY	H	L	L1	L2	L3	L4	W	W1	W2	T
kg/mm 10-1.000	62.0	176.0	122.0	19.0	8.0	44.0	60.0	30.0	15.0	M8 Depth:20
lb/inches (conversion of above dimensions) 22-2.204.6	2.44	6.93	4.80	0.75	0.31	1.73	2.36	1.18	0.59	M8 Depth:0.79

SPECIFICATIONS

Full Scale Output	2.0 mV/V ± 10%	Recommended Excitation	10V (15V Maximum)
Zero Balance	± 0.02 mV/V	Reference Max. Platform Size	600 x 700 mm
Non-linearity	≤ ± 0.017%	Insulation Resistance	> 2 | 50V DC | G0
Repeatability	≤ ± 0.017%	Nominal Temperature Range	-10°C to 40°C / 14°F to 104°F
Hysteresis Error	≤ ± 0.017%	Safe Overload	150% of full scale
Creep in 36 min.	≤ ± 0.023%	Breaking Overload	300% of full scale
Input Resistance	4150 ± 15	Seal Type / IP Rating	Environmentally Sealed / IP66
Output Resistance	350Ω ± 3	Cable Color Code	Ex+ Red Exc- Black Sig+ Green Sig- White Shield Bare
Element Material	Aluminum, Clear Anodized		

PART NUMBER*

Rated Capacity	Part No.	Weight Approx. (kg)
10kg	108CA-10kg	1.5
20kg	108CA-20kg	1.5
30kg	108CA-30kg	1.5
60kg	108CA-60kg	1.5
100kg	108CA-100kg	1.5
150kg	108CA-150kg	1.5
200kg	108CA-200kg	1.5
250kg	108CA-250kg	1.5
300kg	108CA-300kg	1.5
500kg	108CA-500kg	1.6
600kg	108CA-600kg	1.6
750kg	108CA-750kg	1.6
1t	108CA-1t	1.6

*ATEX, FM, IECEx approved versions carry the "-Ex" suffix.

INTERCHANGEABLE REFERENCE

Brand	Model
Coti Global	CG-50-2
HBM	PW24A
Vishay Tedea-Huntleigh	1263



10kg-500kg: NTEP 1:5 000 Class III, Single Cell
600kg-1t: NTEP 1:4 000 Class III, Single Cell



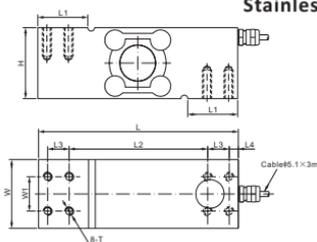
10kg-30kg: OIML MAA C7.5, Y=20 000;
60kg-500kg: OIML MAA C6, Y=29 000;
600kg-1t: OIML MAA C4, Y=4 000

For further available P/N's & specifications per NTEP/OIML classes, please contact us.

AVAILABLE OPTIONS

■ Stainless steel version: 651KSCS

Stainless Steel



DIMENSIONS

RATED CAPACITY	H	L	L1	L2	L3	L4	W	W1	T
kg/mm 60-1.000	62.0	176.0	44.0	122.0	19.0	8.0	60.0	30.0	M8 Depth:25
lb/inches (conversion of above dimensions) 132.3-2.204.6	2.44	6.93	1.73	4.80	0.75	0.31	2.36	1.18	M8 Depth:0.98

SPECIFICATIONS

Full Scale Output	2.0 mV/V ± 0.25%	Recommended Excitation	10V (15V Maximum)
Zero Balance	± 0.02 mV/V	Reference Max. Platform Size	600 x 700 mm
Non-linearity	≤ ± 0.03%	Insulation Resistance	> 2 | 50V DC | G0
Repeatability	≤ ± 0.02%	Nominal Temperature Range	-10°C to 50°C / 14°F to 122°F
Hysteresis Error	≤ ± 0.02%	Safe Overload	150% of full scale
Creep in 36 min.	≤ ± 0.03%	Breaking Overload	300% of full scale
Input Resistance	3850 ± 15	Seal Type / IP Rating	Welded Seal / IP68
Output Resistance	350Ω ± 3	Cable Color Code	Ex+ Red Exc- Black Sig+ Green Sig- White Shield Bare
Element Material	17-4PH Stainless Steel		

PART NUMBER*

Rated Capacity	Part No.	Weight Approx. (kg)
60kg	651KSCS-60kg	4.0
100kg	651KSCS-100kg	4.0
150kg	651KSCS-150kg	4.0
200kg	651KSCS-200kg	4.0
250kg	651KSCS-250kg	4.0
300kg	651KSCS-300kg	4.0
500kg	651KSCS-500kg	4.0
600kg	651KSCS-600kg	4.0
750kg	651KSCS-750kg	4.0
1t	651KSCS-1t	4.0

*ATEX, FM, IECEx approved versions carry the "-Ex" suffix.



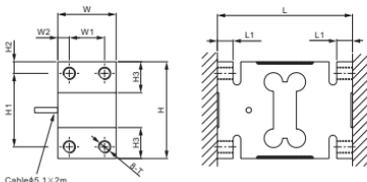
60kg: NTEP 1:10 000 Class III, Single Cell;
100kg-500kg: NTEP 1:5 000 Class III, Single Cell;



60kg: OIML MAA C9, Y=18 000;
100kg-500kg: OIML MAA C4, Y=26 000

For further available P/N's & specifications per NTEP/OIML classes, please contact us.

Aluminum



Cable#5.1x2m



DIMENSIONS

RATED CAPACITY	H	H1	H2	H3	L	L1	W	W1	W2	T
kg/mm										
500-2,000	125.0	95.0	15.0	40.0	176.0	20.5	76.0	46.0	15.0	M16
lb/inches (conversion of above dimensions)										
1,102.3-4,409.2	4.92	3.74	0.59	1.57	6.93	0.81	2.99	1.81	0.59	M16

SPECIFICATIONS

Full Scale Output	2.0 mV/V ± 10%	Recommended Excitation	10V (15V Maximum)
Zero Balance	± 0.02 mV/V	Reference Max. Platform Size	1200 × 1200 mm
Non-linearity	≤ ± 0.017%	Insulation Resistance	> 2 [50V DC] GΩ
Repeatability	≤ ± 0.017%	Nominal Temperature Range	-10°C to 40°C / 14°F to 104°F
Hysteresis Error	≤ ± 0.017%	Safe Overload	150% of full scale
Crep in 30 min.	≤ ± 0.023%	Breaking Overload	300% of full scale
Input Resistance	4150 ± 15	Seal Type / IP Rating	Environmentally Sealed / IP66
Output Resistance	350Ω ± 3	Cable Color Code	Exc+ Red Exc- Black
Element Material	Aluminum, Clear Anodized		Sig+ Green Sig- White Shield Bare

PART NUMBER*

Rated Capacity	Part No.	Weight Approx. (kg)
500kg	108DA-500kg	3.6
800kg	108DA-800kg	3.6
1t	108DA-1t	3.6
1.5t	108DA-1.5t	3.6
2t	108DA-2t	3.6

*ATEX, FM, IECEx approved versions carry the "-Ex" suffix.

NTEP 1:6 000 Class III, Single Cell

OIML MAA C6, Y=15 000

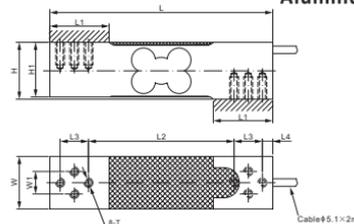
For further available PIN's & specifications per NTEP/OIML classes, please contact us.

INTERCHANGEABLE REFERENCE

Brand	Model
Vishay Celtron	HOC
Vishay Tedea-Huntleigh	1320*
Flintec	PC81*

* Cable length and cable color code may not be the same

Aluminum



Cable#5.1x2m



DIMENSIONS

RATED CAPACITY	H	H1	L	L1	L2	L3	L4	W	W1	T
kg/mm										
30-300	38.0	36.5	150.0	40.0	98.0	19.0	7.0	35.0	15.0	M6 Depth15
lb/inches (conversion of above dimensions)										
66.14-661.39	1.50	1.44	5.91	1.57	3.86	0.75	0.28	1.38	0.59	M6 Depth#5

SPECIFICATIONS

Full Scale Output	2.0 mV/V ± 10%	Recommended Excitation	10V (15V Maximum)
Zero Balance	± 0.02 mV/V	Reference Max. Platform Size	450 × 450 mm
Non-linearity	≤ ± 0.017%	Insulation Resistance	> 2 [50V DC] GΩ
Repeatability	≤ ± 0.017%	Nominal Temperature Range	-10°C to 40°C / 14°F to 104°F
Hysteresis Error	≤ ± 0.017%	Safe Overload	150% of full scale
Crep in 30 min.	≤ ± 0.023%	Breaking Overload	300% of full scale
Input Resistance	4150 ± 15	Seal Type / IP Rating	Environmentally Sealed / IP66
Output Resistance	350Ω ± 3	Cable Color Code	Exc+ Red Exc- Black
Element Material	Aluminum, Clear Anodized		Sig+ Green Sig- White Shield Bare

PART NUMBER*

Rated Capacity	Part No.	Weight Approx. (kg)
30kg	108EA-30kg	0.5
60kg	108EA-60kg	0.5
100kg	108EA-100kg	0.5
150kg	108EA-150kg	0.5
200kg	108EA-200kg	0.5
300kg	108EA-300kg	0.5

*ATEX, FM, IECEx approved versions carry the "-Ex" suffix.

NTEP 1:5 000 Class III, Single Cell

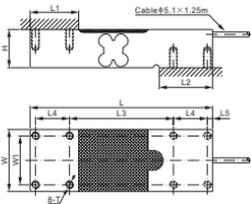
 OIML MAA C7.5, Y=20 000;
60kg-300kg: OIML MAA C6, Y=29 000

For further available PIN's & specifications per NTEP/OIML classes, please contact us.

108HAUN

Aluminum

ANYLOAD



DIMENSIONS

RATED CAPACITY	H	L	L1	L2	L3	L4	L5	W	W1	T
kg/mm										
50-1000	38.0	188	50.0	55.0	107	35.0	5.50	63.3	50.0	5/16-18 UNC Depth 18
lb/inches (conversion of above dimensions)										
110.23-2.204.6	1.50	7.4	1.97	2.17	4.21	1.38	0.22	2.49	1.97	5/16-18 UNC Depth 0.71

SPECIFICATIONS

Full Scale Output	2.0 mV/V ± 0.25%	Recommended Excitation	10V (15V Maximum)		
Zero Balance	± 0.02 mV/V	Reference Max. Platform Size	550 × 600 mm		
Non-linearity	< ± 0.017%	Insulation Resistance	> 2 [50V DC] / GΩ		
Repeatability	< ± 0.017%	Nominal Temperature Range	-10°C to 40°C / 14°F to 104°F		
Hysteresis Error	< ± 0.017%	Safe Overload	150% of full scale		
Crimp to 30 min.	< ± 0.023%	Breaking Overload	300% of full scale		
Input Resistance	4150 ± 15	Seal Type / IP Rating	Environmentally Sealed / IP66		
Output Resistance	3500 ± 3	Cable Color Code	Exc+ Red	Exc- Black	Shield Bare
Element Material	Aluminum, Clear Anodized		Sig+ Green	Sig- White	Shield Bare

PART NUMBER*

Rated Capacity	Part No.	Weight Approx. (kg)
50kg	108HAUN-50kg	~1.3
100kg	108HAUN-100kg	~1.3
250kg	108HAUN-250kg	~1.3
635kg	108HAUN-635kg	~1.3
1t	108HAUN-1t	~1.3

*ATEX, FM, IECEx approved versions carry the "-Ex" suffix.

50kg-250kg: NTEP 1:5 000 Class III, Single Cell;
635kg-1t: NTEP 1:4 000 Class III, Single Cell

50kg-250kg: OIML MAA C6, Y=29 000;
635kg-1t: OIML MAA C4, Y=4 000

For further available P/N's & specifications per NTEP/OIML classes, please contact us.

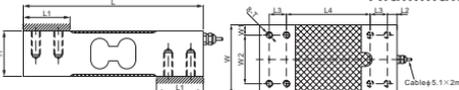
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ANYLOAD

108JA; 108JA-21

Aluminum



DIMENSIONS

RATED CAPACITY	H	L	L1	L2	L3	L4	W	W1	W2	T
kg/mm										
108JA:										
20-100	25.0	150.0	32.5	6.0	19.0	100.0	45.0	7.5	30.0	M8 Depth 15
LE60-LE100; SE150-SE400	40.0	150.0	32.5	6.0	19.0	100.0	45.0	7.5	30.0	M8 Depth 20
150-400; SE600	40.0	150.0	32.5	6.0	25.0	100.0	45.0	7.5	30.0	M8 Depth 20
500-2,000	50.0	200.0	52.0	14.0	25.0	122.0	100.0	15.0	70.0	M10 Depth 23
lb/inches (conversion of above dimensions)										
44.1-220.5	0.98	5.91	1.28	0.24	0.75	3.94	1.77	0.30	1.18	M8 Depth 0.59
LE132.3-LE220.5; SE330.7-SE881.8	1.57	5.91	1.28	0.24	0.75	3.94	1.77	0.30	1.18	M8 Depth 0.79
330.7-881.8; SE1,322.8	1.57	5.91	1.28	0.24	0.98	3.46	2.95	0.49	1.97	M8 Depth 0.79
1,102.3-4,409.2	1.97	7.87	2.05	0.55	0.98	4.80	3.94	0.59	2.76	M10 Depth 0.91
108JA-21:										
30-250	38.0	150.0	44.0	6.3	25.4	86.6	38.0	-	25.4	M6 Depth 15
kg/mm										
lb/inches (conversion of above dimensions)										
66.14-551.16	1.50	5.91	1.73	0.25	1.00	3.41	1.50	-	1.00	M6 Depth 0.59

SPECIFICATIONS

Full Scale Output	2.0 mV/V ± 10%	Reference Max. Platform Size	108JA: Capacity: 20-100kg: 460 × 600 mm 108JA-21: Capacity: 150-400kg: 600 × 600 mm Capacity: 500kg-2t: 900 × 900 mm		
Zero Balance	± 0.02 mV/V	Nominal Temperature Range	-10°C to 40°C / 14°F to 104°F		
Non-linearity	< ± 0.017%	Seal Type / IP Rating	Environmentally Sealed / IP66		
Repeatability	< ± 0.017%	Cable Color Code	108JA: Exc+ Red Exc- Black Sig+ Green Sig- White Shield Bare 108JA-21: Exc+ Green Exc- Black Sig+ Red Sig- White Shield Bare		
Hysteresis Error	< ± 0.017%				
Crimp to 30 min.	< ± 0.017%				
Input Resistance	4150 ± 15				
Output Resistance	3500 ± 3				
Element Material	Aluminum, Clear Anodized				
Recommended Excitation	10V (15V Maximum)				
Safe Overload	150% of full scale				
Breaking Overload	300% of full scale				
Insulation Resistance	> 2 [50V DC] / GΩ				

PART NUMBER*

Rated Capacity	Part No.	Weight Approx. (kg)
20kg	108JA-20kg	~0.4
50kg	108JA-50kg	~0.5
60kg	108JA-60kg	~0.5
LE60kg	108JA-LE60kg	~0.7
75kg	108JA-75kg	~0.5
LE75kg	108JA-LE75kg	~0.7
100kg	108JA-100kg	~0.5
LE100kg	108JA-LE100kg	~0.7
SE150kg	108JA-SE150kg	~0.7
150kg	108JA-150kg	~1.1
SE200kg	108JA-SE200kg	~0.7
200kg	108JA-200kg	~1.1
SE300kg	108JA-SE300kg	~0.7
300kg	108JA-300kg	~1.1
SE400kg	108JA-SE400kg	~0.7
400kg	108JA-400kg	~1.1
500kg	108JA-500kg	~2.5
SE600kg	108JA-SE600kg	~1.1
750kg	108JA-750kg	~2.5
1t	108JA-1t	~2.5
1.5t	108JA-1.5t	~2.5
2t	108JA-2t	~2.6

*ATEX, FM, IECEx approved versions carry the "-Ex" suffix.

PART NUMBER

Rated Capacity	Part No.	Weight (kg) Approx.
30kg	108JA-30kg-21	~0.6
50kg	108JA-50kg-21	~0.6
75kg	108JA-75kg-21	~0.6
100kg	108JA-100kg-21	~0.6
150kg	108JA-150kg-21	~0.6
250kg	108JA-250kg-21	~0.6

INTERCHANGEABLE REFERENCE

Brand	Model
108JA-21	
Anyload	108LAMT
Vishay-Tedea Huntleigh	~1242
Vishay-Tedea Huntleigh	~1241 (metric thread)
Mettler Toledo	~MT1241

20kg-500kg: NTEP 1:5 000 Class III, Single Cell;
SE600kg-2t: NTEP 1:4 000 Class III, Single Cell
20kg-30kg: OIML MAA C7.5, Y=20 000;
50kg-500kg: OIML MAA C6, Y=29 000;
SE600kg-2t: OIML MAA C4, Y=4 000

For further available P/N's & specifications per NTEP/OIML classes, please contact us.

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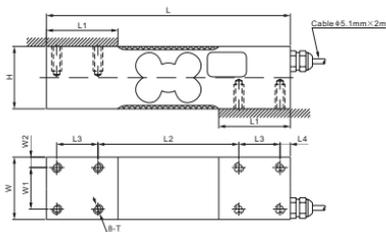
SINGLE POINTS

SINGLE POINTS

108LAMT

Aluminum

ANYLOAD



CE ATEX IECEx RoHS

DIMENSIONS

RATED CAPACITY	H	L	L1	L2	L3	L4	W	W1	W2	T
kg/mm										
30-300	38.0	150.0	44.0	86.6	25.4	6.3	38.0	25.4	6.3	M6 Depth 15
lb/inches (conversion of above dimensions)										
66-661	1.50	5.91	1.73	3.41	1.00	0.25	1.50	1.00	0.25	M6 Depth 0.59

SPECIFICATIONS

Full Scale Output	2.0 mV/V ± 10%	Recommended Excitation	10V (15V Maximum)
Zero Balance	± 0.02 mV/V	Reference Max. Platform Size	500 × 500 mm
Non-linearity	< ± 0.017%	Insulation Resistance	> 21 50V DC 1 GΩ
Repeatability	< ± 0.017%	Compensated Temperature Range	-10°C to 40°C / 14°F to 104°F
Hysteresis Error	< ± 0.017%	Safe Overload	150% of full scale
Creep in 30 min.	< ± 0.023%	Breaking Overload	300% of full scale
Input Resistance	3850 ± 15	Seal Type / IP Rating	Environmentally Sealed / IP66
Output Resistance	350 ± 3	Cable Color Code	Exc+ Red Exc- Black Sig+ Green Sig- White Shield Bare
Element Material	Aluminum, Clear Anodized		

PART NUMBER*

Rated Capacity	Part No.	Shipping Weight Approx. (kg)
30kg	.....108LAMT-30kg	.....0.6
50kg	.....108LAMT-50kg	.....0.6
60kg	.....108LAMT-60kg	.....0.6
100kg	.....108LAMT-100kg	.....0.6
150kg	.....108LAMT-150kg	.....0.6
200kg	.....108LAMT-200kg	.....0.6
250kg	.....108LAMT-250kg	.....0.6
300kg	.....108LAMT-300kg	.....0.6

*ATEX, FM, IECEx approved versions carry the "-Ex" suffix.

INTERCHANGEABLE PRODUCTS

Brand	Model
Anyload	.....108JA-21
Mettler-Toledo	.....MT1241

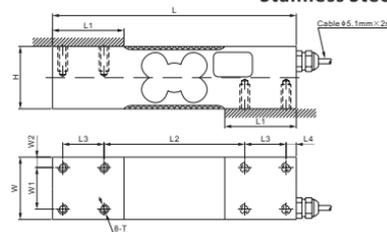
AVAILABLE OPTIONS

■ Stainless Steel version: 108LSMT

ANYLOAD

108LSMT

Stainless Steel



CE ATEX IECEx RoHS

DIMENSIONS

RATED CAPACITY	H	L	L1	L2	L3	L4	W	W1	W2	T
kg/mm										
30-300	38.0	150.0	44.0	86.6	25.4	6.3	38.0	25.4	6.3	M6 Depth 15
lb/inches (conversion of above dimensions)										
66-661	1.50	5.91	1.73	3.41	1.00	0.25	1.50	1.00	0.25	M6 Depth 0.59

SPECIFICATIONS

Full Scale Output	2.0 mV/V ± 10%	Recommended Excitation	10V (15V Maximum)
Zero Balance	± 0.02 mV/V	Reference Max. Platform Size	500 × 500 mm
Non-linearity	< ± 0.017%	Insulation Resistance	> 21 50V DC 1 GΩ
Repeatability	< ± 0.017%	Compensated Temperature Range	-10°C to 50°C / 14°F to 122°F
Hysteresis Error	< ± 0.017%	Safe Overload	150% of full scale
Creep in 30 min.	< ± 0.023%	Breaking Overload	300% of full scale
Input Resistance	3850 ± 15	Seal Type / IP Rating	Environmentally Sealed / IP66
Output Resistance	350 ± 3	Cable Color Code	Exc+ Red Exc- Black Sig+ Green Sig- White Shield Bare
Element Material	2Cr13 Stainless Steel		

PART NUMBER*

Rated Capacity	Part No.	Weight Approx. (kg)
30kg	.....108LSMT-30kg-YZ	.....1.4
50kg	.....108LSMT-50kg-YZ	.....1.4
100kg	.....108LSMT-100kg-YZ	.....1.4
200kg	.....108LSMT-200kg-YZ	.....1.5
300kg	.....108LSMT-300kg-YZ	.....1.5

*ATEX, FM, IECEx approved versions carry the "-Ex" suffix.

INTERCHANGEABLE REFERENCE

Brand	Model
Mettler-Toledo	.....SSP1241

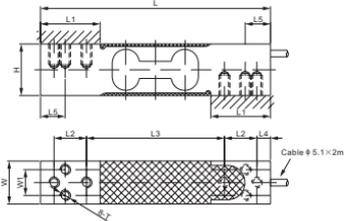
AVAILABLE OPTIONS

■ Aluminum version: 108LAMT

108KS; 108KSUN

Stainless Steel

ANYLOAD



CE RoHS

DIMENSIONS

RATED CAPACITY	H	L	L1	L2	L3	L4	L5	W	W1	T
108KS: kg/mm 4-150	30.0	135.0	35.0	19.1	81.0	8.0	14.5	25.0	15.0	M6 Depth12
lb/inches (conversion of above dimensions) 8.8-330.7	1.18	5.31	1.38	0.75	3.19	0.31	0.57	0.98	0.59	M6 Depth4.07
108KSUN: kg/mm 4-150	30.0	135.0	35.0	19.1	81.0	8.0	14.5	25.0	15.0	1/4"-20UNC-2B Depth12
lb/inches (conversion of above dimensions) 8.8-330.7	1.18	5.31	1.38	0.75	3.19	0.31	0.57	0.98	0.59	1/4"-20UNC-2B Depth4.07

SPECIFICATIONS

Full Scale Output	2.0 mV/V ± 10%	Recommended Excitation	10V (15V Maximum)
Zero Balance	± 0.02 mV/V	Reference Max. Platform Size	400x400 mm
Non-linearity	< ± 0.017%	Insulation Resistance	> 2 [50V DC] GΩ
Repeatability	< ± 0.017%	Compensated Temperature Range	-10°C to 50°C / 14°F to 122°F
Hysteresis Error	< ± 0.017%	Safe Overload	150% of full scale
Creep In 30 min.	< ± 0.023%	Breaking Overload	300% of full scale
Input Resistance	385Ω ± 1%	Seal Type / IP Rating	Environmentally Sealed / IP68
Output Resistance	300Ω ± 3	Cable Color Code	Exc+ Red Exc- Black Sig+ Green Sig- White Shield Bare
Element Material	2Cr13 Stainless Steel		

PART NUMBER*

Rated Capacity	Part No.	Weight Approx. (kg)
4kg	108KS-4kg-YZ	0.65
	108KSUN-4kg-YZ	0.65
7kg	108KS-7kg-YZ	0.65
	108KSUN-7kg-YZ	0.65
10kg	108KS-10kg-YZ	0.65
	108KSUN-10kg-YZ	0.65
15kg	108KS-15kg-YZ	0.65
	108KSUN-15kg-YZ	0.65
20kg	108KS-20kg-YZ	0.65
	108KSUN-20kg-YZ	0.65
30kg	108KS-30kg-YZ	0.65
	108KSUN-30kg-YZ	0.65
50kg	108KS-50kg-YZ	0.65
	108KSUN-50kg-YZ	0.65
75kg	108KS-75kg-YZ	0.65
	108KSUN-75kg-YZ	0.65
100kg	108KS-100kg-YZ	0.65
	108KSUN-100kg-YZ	0.65
150kg	108KS-150kg-YZ	0.65
	108KSUN-150kg-YZ	0.65

INTERCHANGEABLE REFERENCE

Brand	Model
108KS	
Flintec	PC30
Vishay TedeA-Huntleigh	-1130 (mounting hole: M6)
108KSUN	
Avery Weigh-Tronix	MK29
Coti Global	CG-1130
Vishay TedeA-Huntleigh	-1130 (mounting hole: 1/4"-20UNC)

*ATEX, FM, IECEx approved versions carry the "-Ex" suffix.

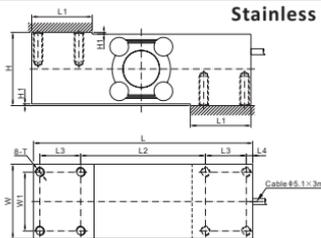
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651KS55UN

Stainless Steel



CE RoHS

DIMENSIONS

RATED CAPACITY	H	H1	L	L1	L2	L3	L4	W	W1	T
kg/mm 50-500	62.3	1.5	188.0	52.0	107.0	35.0	5.5	63.5	50.0	5/16-18 UNC-2B Depth 20
lb/inches (conversion of above dimensions) 110.23-1,102.31	2.45	0.06	7.40	2.04	4.21	1.38	0.22	2.50	1.97	5/16-18 UNC-2B Depth 0.79

SPECIFICATIONS

Full Scale Output	2.0 mV/V ± 0.25%	Recommended Excitation	10V (15V Maximum)
Zero Balance	± 0.02 mV/V	Reference Max. Platform Size	610x700 mm
Non-linearity	< ± 0.03%	Insulation Resistance	> 2 [50V DC] GΩ
Repeatability	< ± 0.02%	Compensated Temperature Range	-10°C to 50°C / 14°F to 122°F
Hysteresis Error	< ± 0.03%	Safe Overload	150% of full scale
Creep In 30 min.	< ± 0.02%	Breaking Overload	300% of full scale
Input Resistance	1100Ω ± 50	Seal Type / IP Rating	Welded Seal / IP68
Output Resistance	960Ω ± 50	Cable Color Code	Exc+ Red Exc- Black Sig+ Green Sig- White Shield Bare
Element Material	17-4PH Stainless Steel		

PART NUMBER*

Rated Capacity	Part No.	Weight Approx. (kg)
50kg	651KS55UN-50kg	4.7
75kg	651KS55UN-75kg	4.7
100kg	651KS55UN-100kg	4.7
150kg	651KS55UN-150kg	4.7
200kg	651KS55UN-200kg	4.7
250kg	651KS55UN-250kg	4.7
300kg	651KS55UN-300kg	4.7
500kg	651KS55UN-500kg	4.7

INTERCHANGEABLE REFERENCE

Brand	Model
Coti Global	CG-50-1*
HBM	PW16*
Rice Lake	RL1260*
Vishay TedeA-Huntleigh	-1260*

*Coti CG-50-1, HBM PW16, Rice Lake RL1260, Vishay TedeA-Huntleigh 1260 are of aluminum.

AVAILABLE OPTION

■ Aluminum version: 108MAUN (page 76)

*ATEX, FM, IECEx approved versions carry the "-Ex" suffix.

NTEP 1:5000 Class III, Single Cell:

OIML MAA CS, Y=12300;

For further available PIN's & specifications per NTEP/OIML classes, please contact us.

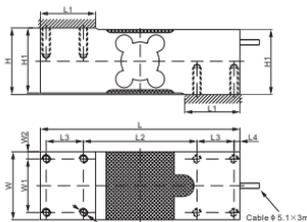
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108MA; 108MAUN

Aluminum

ANYLOAD



DIMENSIONS

RATED CAPACITY	H	H1	L	L1	L2	L3	L4	W	W1	W2	T
108MAUN, 108MAUN-A1:											
kg/mm											
50-1000	62.3	60.8	188.0	52.0	107.0	35.0	5.5	63.5	50.0	6.8	5/16-18 UNC-2B Depth20
lb/inches (conversion of above dimensions)											
110.23-2,204.62	2.45	2.39	7.40	2.05	4.21	1.38	0.22	2.50	1.97	0.27	5/16-18 UNC-2B Depth0.8
108MA, 108MA-A1:											
kg/mm											
50-1000	62.3	60.8	188.0	52.0	107.0	35.0	5.5	63.5	50.0	6.8	M8 Depth20
lb/inches (conversion of above dimensions)											
110.23-2,204.62	2.45	2.39	7.40	2.05	4.21	1.38	0.22	2.50	1.97	0.27	M8 Depth0.8

SPECIFICATIONS

Maximum Capacity (E _{max})	kg	50 / 75 / 100 / 150 / 200 / 250 / 300 / 500 / 635 / 660 / 1000
Model		108MA/108MAUN 108MA-A1/108MAUN-A1
Accuracy class according to NTEP Class III S		1-3000 1-4000
Maximum number or verification interval (nmax)		3000 4000
Y		12300
Temperature effect on zero balance	%/°C/K	±0.00114
Temperature effect on sensitivity	%/°C/K	±0.000875
Non-linearity	%/Cn	±0.010
Hysteresis Error	%/Cn	±0.012
Creep error (30min)/DR	%/Cn	±0.012
Full Scale Output (Cn)	mV/V	2 ± 10%
Zero Balance	mV/V	± 0.02
Recommended voltage	V	10 (15 Maximum)
Input Resistance	Ω	415 ± 15
Output Resistance	Ω	350 ± 3
Insulation resistance (50V DC)	GΩ	> 2
Safe overload (E _{lim})	%E _{max}	150
Breaking overload	%E _{max}	300
Safe side load	%E _{max}	100
Nominal temperature range	°C / °F	-10 to 40 / 14 to 104
Element Material		Aluminum, Clear Anodized
Seal type / IP rating		Environmentally Sealed / IP68
Cable color code		Exc+ Red Exc- Black Sig+ Green Sig- White

ANYLOAD

108MA; 108MAUN

Aluminum

PART NUMBER*

Metric thread, 1:3000 accuracy

Rated Capacity	Part No.	Weight (kg) Approx.
50kg	108MA-50kg	1.9
75kg	108MA-75kg	1.9
100kg	108MA-100kg	1.9
150kg	108MA-150kg	1.9
200kg	108MA-200kg	1.9
250kg	108MA-250kg	1.9
300kg	108MA-300kg	1.9
500kg	108MA-500kg	1.9
635kg	108MA-635kg	1.9
660kg	108MA-660kg	1.9
1000kg	108MA-1000kg	1.9

Metric thread, 1:4000 accuracy

Rated Capacity	Part No.	Weight (kg) Approx.
50kg	108MA-50kg-A1	1.9
75kg	108MA-75kg-A1	1.9
100kg	108MA-100kg-A1	1.9
150kg	108MA-150kg-A1	1.9
200kg	108MA-200kg-A1	1.9
250kg	108MA-250kg-A1	1.9
300kg	108MA-300kg-A1	1.9
500kg	108MA-500kg-A1	1.9
635kg	108MA-635kg-A1	1.9
660kg	108MA-660kg-A1	1.9
1000kg	108MA-1000kg-A1	1.9

*ATEX, FM, IECEx approved versions carry the "Ex" suffix.

INTERCHANGEABLE REFERENCE

Manufacturer	Model
108MA	
Mettler-Toledo	MT1260
108MAUN	
Coti Global	CG-50-1
HBM	PW16
Rice Lake	RL26018A
Rice Lake	RLPW16
Rice Lake	RL1260
Vishay TedeA-Huntleigh	1260

50kg-500kg: NTEP 1:5 000 Class III, Single Cell;
635kg-660kg: NTEP 1:4 000 Class III, Single Cell

50kg-500kg: OIML MAA C6, Y=29 000;
635kg-660kg: OIML MAA C4, Y=4 000

For further definition of P/N's & specifications per NTEP/OIML classes, please contact us.

PART NUMBER*

Imperial thread, 1:3000 accuracy

Rated Capacity	Part No.	Weight (kg) Approx.
50kg	108MAUN-50kg	1.9
75kg	108MAUN-75kg	1.9
100kg	108MAUN-100kg	1.9
150kg	108MAUN-150kg	1.9
200kg	108MAUN-200kg	1.9
250kg	108MAUN-250kg	1.9
300kg	108MAUN-300kg	1.9
500kg	108MAUN-500kg	1.9
635kg	108MAUN-635kg	1.9
660kg	108MAUN-660kg	1.9
1000kg	108MAUN-1000kg	1.9

Imperial thread, 1:4000 accuracy

Rated Capacity	Part No.	Weight (kg) Approx.
50kg	108MAUN-50kg-A1	1.9
75kg	108MAUN-75kg-A1	1.9
100kg	108MAUN-100kg-A1	1.9
150kg	108MAUN-150kg-A1	1.9
200kg	108MAUN-200kg-A1	1.9
250kg	108MAUN-250kg-A1	1.9
300kg	108MAUN-300kg-A1	1.9
500kg	108MAUN-500kg-A1	1.9
635kg	108MAUN-635kg-A1	1.9
660kg	108MAUN-660kg-A1	1.9
1000kg	108MAUN-1000kg-A1	1.9

AVAILABLE OPTION

■ stainless steel version of 108MAUN: 651KS55UN (page 75)

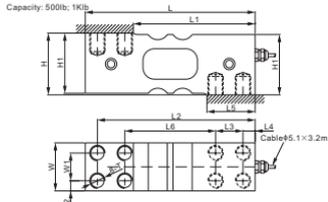
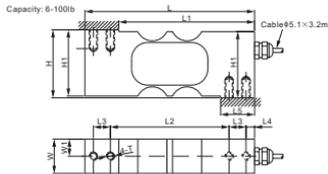
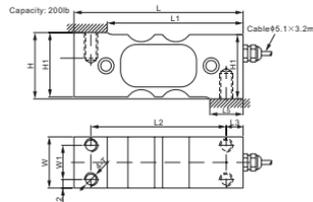
SINGLE POINTS

SINGLE POINTS

Stainless Steel



CE RoHS



RATED CAPACITY	H	H1	L	L1	L2	L3	L4	L5	L6	W	W1	W2	T
lb/inches													
6	1.99	1.94	5.00	4.00	3.50	0.50	0.25	1.00	-	0.50	0.25	-	1/4-28 UNF
10-100	1.99	1.94	5.00	4.00	3.50	0.50	0.25	1.00	-	1.00	0.50	-	1/4-28 UNF
200	1.94	1.89	5.00	4.02	4.00	0.50	-	1.00	-	1.50	1.00	0.25	M10
500-1,000	2.52	2.46	7.00	4.02	6.50	1.13	0.50	1.98	3.74	1.96	1.13	0.42	M16
kg/mm (conversion of above dimensions)													
2.72	50.5	49.2	127.0	101.6	88.9	12.7	6.4	25.4	-	12.7	6.4	-	1/4-28 UNF
4.54-45.36	50.5	49.2	127.0	101.6	88.9	12.7	6.4	25.4	-	25.4	12.7	-	1/4-28 UNF
90.72	49.3	47.8	127.0	102.0	101.6	12.7	-	25.4	-	38.1	25.4	6.4	M10
226.80-453.59	64.0	62.5	177.8	127.4	165.1	28.7	12.7	50.4	95.0	49.8	28.7	10.6	M16

DIMENSIONS

SPECIFICATIONS

Full Scale Output	2.0 mV/V ± 10%	Recommended Excitation	10V (15V Maximum)
Zero Balance	± 0.02 mV/V	Reference Max. Platform Size	Cap. < 100lb: 400 × 450 mm Cap. = 200lb: 500 × 550 mm Cap. ≥ 500lb: 650 × 700 mm
Non-linearity	< ± 0.017%	Insulation Resistance	> 2 [50V DC] G/G
Repeatability	< ± 0.017%	Compensated Temperature Range	-10°C to 40°C / 14°F to 104°F
Hysteresis Error	< ± 0.017%	Safe Overload	150% of full scale
Creep in 30 min.	< ± 0.023%	Breaking Overload	300% of full scale
Input Resistance	385Ω ± 1%	Seal Type / IP Rating	Environmentally Sealed / IP66
Output Resistance	350Ω ± 3%	Cable Color Code	Exc+ Red Exc- Black Sig+ Green Sig- White Shield Bare
Element Material	2Cr13 Stainless Steel		

PART NUMBER*

Rated Capacity	Part No.	Weight Approx. (kg)
6lb.....	108QS-6lb-YZ.....	1.0
10lb.....	108QS-10lb-YZ.....	1.0
15lb.....	108QS-15lb-YZ.....	1.0
25lb.....	108QS-25lb-YZ.....	1.0
50lb.....	108QS-50lb-YZ.....	1.0
100lb.....	108QS-100lb-YZ.....	1.0
200lb.....	108QS-200lb-YZ.....	1.2
500lb.....	108QS-500lb-YZ.....	3.0
1Klb.....	108QS-1Klb-YZ.....	3.1

INTERCHANGEABLE REFERENCE

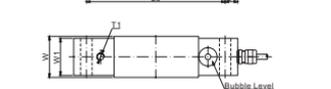
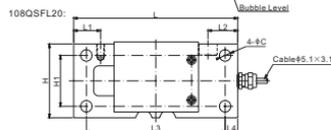
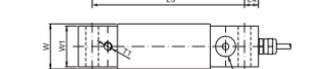
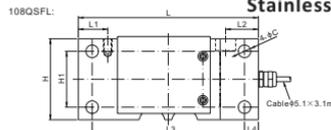
Brand	Model
Cardinal.....	SP 6-100lb*
Cardinal.....	SP 200, 500, 1000lb
Coti Global.....	CG-SPL/CG-SPLM

* SP 6-100lb is of aluminum construction

Stainless Steel



CE RoHS



RATED CAPACITY	C	H	H1	L	L1	L2	L3	L4	W	W1	T1
lb/inches											
250	0.45	2.90	2.00	6.50	1.06	1.18	5.50	0.50	1.61	1.46	5/16-18 UNC Depth13
kg/mm (conversion of above dimensions)											
113.4	11.5	73.7	50.8	165.1	27.0	30.0	139.7	12.7	41.0	37.1	5/16-18 UNC Depth30.51

DIMENSIONS

SPECIFICATIONS

Full Scale Output	1.0 mV/V ± 10%	Recommended Excitation	10V (15V Maximum)
Zero Balance	± 0.02 mV/V	Reference Max. Platform Size	400 × 450 mm
Non-linearity	< ± 0.020%	Insulation Resistance	> 2 [50V DC] G/G
Repeatability	< ± 0.020%	Compensated Temperature Range	-10°C to 50°C / 14°F to 122°F
Hysteresis Error	< ± 0.020%	Safe Overload	150% of full scale
Creep in 30 min.	< ± 0.030%	Breaking Overload	300% of full scale
Input Resistance	385Ω ± 1%	Seal Type / IP Rating	Environmentally Sealed / IP66
Output Resistance	350Ω ± 3%	Cable Color Code	Exc+ Red Exc- Black Sig+ Green Sig- White Shield Bare
Element Material	2Cr13 Stainless Steel		

PART NUMBER*

Rated Capacity	Part No.	Weight Approx. (kg)
250lb.....	108QSFL-250lb-YZ.....	2.6
	108QSFL-250lb-YZ-01.....	2.6

INTERCHANGEABLE REFERENCE

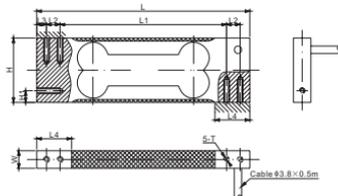
Brand	Model
Avery Weigh-Tronix.....	FLS
Rice Lake.....	RLFS

Output 2.0mV/V ± 10% Version*:
250lb.....108QSFL20-250lb-YZ-02.....2.6

This version is not interchangeable with FLS or RLFS
Reference Max. Platform Size: 609x609mm

*ATEX, FM, IECEx approved versions carry the "E-Ex" suffix.

Aluminum



DIMENSIONS

RATED CAPACITY	H	H1	L	L1	L2	L3	L4	W	T
kg/mm									
0.2	33.0	6.0	110.0	86.0	7.0	5.0	18.0	5.0	M3 Depth12
0.3-0.6	33.0	6.0	110.0	86.0	7.0	5.0	18.0	9.0	M3 Depth12
0.75-6	33.0	6.0	110.0	86.0	7.0	5.0	18.0	10.0	M3 Depth12
lb/inches (conversion of above dimensions)									
0.44	1.30	0.24	4.33	3.39	0.28	0.20	0.71	0.20	M3 Depth0.47
0.66-1.32	1.30	0.24	4.33	3.39	0.28	0.20	0.71	0.35	M3 Depth0.47
1.65-13.23	1.30	0.24	4.33	3.39	0.28	0.20	0.71	0.39	M3 Depth0.47

SPECIFICATIONS

Full Scale Output	1.0 mV/V ± 20%	Recommended Excitation	10V (15V Maximum)
Zero Balance	± 0.02 mV/V	Reference Max. Platform Size	Capacity ≥ 1kg; 200 × 200 mm Capacity ≥ 1kg; 230 × 230 mm
Non-linearity	Cap. < 1kg: < ± 0.023%; Cap. ≥ 1kg: < ± 0.017%	Insulation Resistance	> 21 50V DC | G/G
Repeatability	Cap. < 1kg: < ± 0.023%; Cap. ≥ 1kg: < ± 0.017%	Nominal Temperature Range	-10°C to 40°C / 14°F to 104°F
Hysteresis Error	Cap. < 1kg: < ± 0.023%; Cap. ≥ 1kg: < ± 0.017%	Safe Overload	150% of full scale
Crimp in 30 min.	Cap. < 1kg: < ± 0.050%; Cap. ≥ 1kg: < ± 0.023%	Breaking Overload	300% of full scale
Input Resistance	415Ω ± 16	Seal Type / IP Rating	Environmentally Sealed / IP66
Output Resistance	360Ω ± 3	Cable Color Code	Sig+ Green Sig- White Shield Bare
Element Material	Aluminum, Clear Anodized		

PART NUMBER*

Rated Capacity	Part No.	Weight Approx. (kg)
200g	...108PA-200g	...0.1
300g	...108PA-300g	...0.1
600g	...108PA-600g	...0.1
1kg	...108PA-1kg	...0.1
2kg	...108PA-2kg	...0.1
3kg	...108PA-3kg	...0.1
6kg	...108PA-6kg	...0.1

*ATEX, FM, IECEx approved versions carry the "-Ex" suffix.

INTERCHANGEABLE REFERENCE

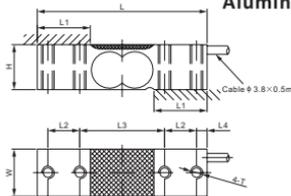
Brand	Model
HBM	...SPL
Vishay TedeA-Huntleigh	...1004



1kg-6kg; OIML C3

For further available P/N's & specifications per OIML classes, please contact us.

Aluminum



DIMENSIONS

RATED CAPACITY	H	L	L1	L2	L3	L4	W	T
kg/mm								
5-35	21.0	80.0	25.0	15.0	40.0	5.0	22.0	M6
lb/inches (conversion of above dimensions)								
13.23-66.14	0.83	3.15	0.98	0.59	1.58	0.20	0.87	M6

SPECIFICATIONS

Full Scale Output	1.5 mV/V ± 10%	Recommended Excitation	10V (15V Maximum)
Zero Balance	± 0.02 mV/V	Reference Max. Platform Size	250 × 250 mm
Non-linearity	< ± 0.050%	Insulation Resistance	> 2 | 50V DC | G/D
Repeatability	< ± 0.030%	Nominal Temperature Range	-10°C to 40°C / 14°F to 104°F
Hysteresis Error	< ± 0.050%	Safe Overload	150% of full scale
Crimp in 30 min.	< ± 0.020%	Breaking Overload	300% of full scale
Input Resistance	1000Ω ± 3	Seal Type / IP Rating	Environmentally Sealed / IP66
Output Resistance	1000Ω ± 3	Cable Color Code	Exc+ Red Exc- Black Sig+ Green Sig- White Shield Bare
Element Material	Aluminum, Clear Anodized		

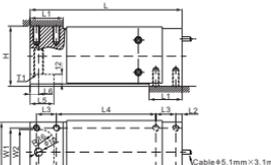
PART NUMBER*

Rated Capacity	Part No.	Weight Approx. (kg)
6kg	...108SA-6kg	...0.1
10kg	...108SA-10kg	...0.1
15kg	...108SA-15kg	...0.1
20kg	...108SA-20kg	...0.1
30kg	...108SA-30kg	...0.1

*ATEX, FM, IECEx approved versions carry the "-Ex" suffix.

108UA; 108UAUN

Aluminum



DIMENSIONS

RATED CAPACITY	H	L	L1	L2	L3	L4	L5	L6	W	W1	W2	T1	T2	
108UA: kg/mm 50-1000	75.0	191.0	41.5	8.0	25.0	125.0	30.0	10.8	75.0	60.0	56.0	M12 Depth30	M8 Depth20	
lb/inches (conversion of above dimensions)	110.2-2204.6	2.95	7.52	1.63	0.31	0.98	4.92	1.18	0.43	2.89	2.36	2.20	M12 Depth1.2	M8 Depth0.8
108UAUN: kg/mm 30-1500	75.0	191.0	41.5	8.0	25.0	125.0	30.0	10.8	75.0	60.0	56.0	1/2-20 UNF Depth30	5/16-18 UNC Depth20	
lb/inches (conversion of above dimensions)	66.1-3305.9	2.95	7.52	1.63	0.31	0.98	4.92	1.18	0.43	2.89	2.36	2.20	1/2-20 UNF Depth1.2	5/16-18 UNC Depth0.8

SPECIFICATIONS

Full Scale Output	2.0 mV/V ± 10%;	Recommended Excitation	10V (15V Maximum)
Zero Balance	± 0.02 mV/V	Reference Max. Platform Size	750 x 750 mm
Non-linearity	< ± 0.017%	Insulation Resistance	> 2 | 50V DC | G
Repeatability	< ± 0.017%	Nominal Temperature Range	-10°C to 40°C / 14°F to 104°F
Hysteresis Error	< ± 0.017%	Safe Overload	150% of full scale
Creep in 30 min.	< ± 0.023%	Breaking Overload	300% of full scale
Input Resistance	4150 ± 15	Seal Type / IP Rating	Environmentally Sealed / IP66
Output Resistance	3500 ± 3	Cable Color Code	Exc+ Red Exc- Black Sig+ Green Sig- White Shield Bare
Element Material	Aluminum, Clear Anodized		

PART NUMBER*

Rated Capacity	Part No.	Weight Approx. (kg)
30kg	108UAUN-30kg-NP	2.7
50kg	108UA-50kg	2.7
100kg	108UAUN-50kg	2.7
100kg	108UA-100kg	2.7
150kg	108UAUN-100kg	2.7
150kg	108UA-150kg	2.7
200kg	108UAUN-150kg	2.7
200kg	108UA-200kg	2.7
300kg	108UAUN-200kg	2.7
300kg	108UA-300kg	2.7
300kg	108UAUN-300kg	2.7
500kg	108UA-500kg	2.7
500kg	108UAUN-500kg	2.7
635kg	108UA-635kg	2.7
635kg	108UAUN-635kg	2.7
700kg	108UA-700kg	2.7
700kg	108UAUN-700kg	2.7
1t	108UA-1t	2.7
1t	108UAUN-1t	2.7
1.5t	108UAUN-1.5t	2.7

*ATEX, FM, IECEx approved versions carry the "-Ex" suffix.
For further available P/N's & specifications per NTEP/OIML classes, please contact us.

INTERCHANGEABLE REFERENCE

108UA Brand	Model
Cardinal	CHB*
108UAUN Brand	Model
ANYLOAD	6518AUN
Cott Global	C0-50
FLINTEC	PCB**
HBM	PW12B
HBM	PW12
Rice Lake	RL1250
Rice Lake	RL1218A
Vishay Celtron	LOC
Vishay Revere Transducers	652
Vishay Sensortronics	60060
Vishay Teleda-Huntleigh	1250

* Cardinal CHB is of metric threaded holes, without U-shaped plate.
** Flintec PCB is of stainless steel construction, hermetically sealed Flintec PCB has 3 version: PCB, PCB6, PCB8. Anyload's 108UAUN is interchangeable to PCB version.

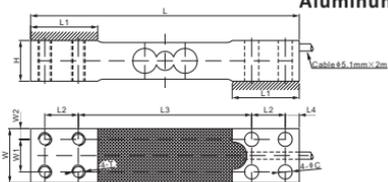
30kg-500kg: NTEP 1:5000 Class III, Single Cell;
635kg-1.5t: NTEP 1:4000 Class III, Single Cell

30kg: OIML MAA C7.5, Y=20 000;
50kg-500kg: OIML MAA C6, Y=29 000;
635kg-1.5t: OIML MAA C4, Y=4 000

ANYLOAD

108TAYM; 108TAYM-01

Aluminum



DIMENSIONS

RATED CAPACITY	C	H	L	L1	L2	L3	L4	W	W1	W2	T
kg/mm 75-300	10.5	30.0	200.0	50.0	25.0	129.0	10.5	40.0	24.0	8.0	M10
lb/inches (conversion of above dimensions)	165-661	0.41	1.18	7.87	1.97	0.98	5.08	0.41	1.57	0.94	M10

SPECIFICATIONS

Type	YZ108	Recommended Excitation	10V (15V Maximum)
Full Scale Output	2 mV/V ± 10% / - 20%	Reference Max. Platform Size	400 x 400 mm
Zero Balance	± 0.02 mV/V	Insulation Resistance	> 2 | 50V DC | G
Non-linearity	< ± 0.017%	Nominal Temperature Range	-10°C to 40°C / 14°F to 104°F
Repeatability	< ± 0.017%	Safe Overload	150% of full scale
Hysteresis Error	< ± 0.017%	Breaking Overload	300% of full scale
Creep in 30 min.	< ± 0.016%	Seal Type / IP Rating	Environmentally Sealed / IP66
Input Resistance	108TAYM: 3850 ± 15; 108TAYM-01: 12000 ± 30	Cable Color Code	Exc+ Red Exc- Black Sig+ Green Sig- White Shield Bare
Output Resistance	108TAYM: 3500 ± 3; 108TAYM-01: 10000 ± 9		
Element Material	Aluminum, Clear Anodized		

PART NUMBER*

Rated Capacity	Part No.	Weight Approx. (kg)
75kg	108TAYM-75kg	1.0
75kg	108TAYM-75kg-01	1.0
150kg	108TAYM-150kg	1.0
150kg	108TAYM-150kg-01	1.0
300kg	108TAYM-300kg	1.0
300kg	108TAYM-300kg-01	1.0

*ATEX, FM, IECEx approved versions carry the "-Ex" suffix.



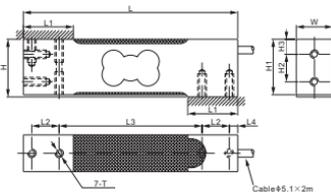
For further available P/N's & specifications per OIML classes, please contact us.

INTERCHANGEABLE REFERENCE

Brand	Model	Scale Model & Cap.	Load Cell Cap.
108TAYM			
Yamato	JH69	6100-30kg	75kg
Yamato	JH69	6100-60kg	150kg
Yamato	JH69	6100-150kg	300kg
108TAYM-01			
Yamato	JH69	6200-30kg	75kg
Yamato	JH69	6200-60kg	150kg
Yamato	JH69	6200-150kg	300kg

108TA; 108TAUN

Aluminum



DIMENSIONS

RATED CAPACITY	H	H1	H2	H3	L	L1	L2	L3	L4	W	T
108TA, 108TA-A1, 108TA-A2:											
kg/mm	40.0	38.5	19.1	10.5	150.0	35.0	19.1	100.0	5.9	25.4	M6 Depth18
lb/inches (conversion of above dimensions)	6.61-440.92	1.57	1.52	0.75	0.41	5.91	1.38	0.75	3.94	0.23	1.00
108TAUN, 108TAUN-A1, 108TAUN-A2:											
kg/mm	40.0	38.5	19.1	10.5	150.0	35.0	19.1	100.0	5.9	25.4	1/4-20UNC-2B Depth18
lb/inches (conversion of above dimensions)	6.61-440.92	1.57	1.52	0.75	0.41	5.91	1.38	0.75	3.94	0.23	1.00
											1/4-20UNC-2B Depth0.6

SPECIFICATIONS

Maximum Capacity (E _{max})	kg	3-200	5-200	5-200
Accuracy class according to NTEP Class III S		1:3000	1:4000	1:5000
Maximum number or verification interval (n _{max})		3000	4000	5000
Y		12300		
Temperature effect on zero balance	%/°C/K	±0.00114		
Temperature effect on sensitivity	%/°C/K	±0.0012	±0.000875	±0.0007
Non-linearity	%/°Cn	±0.017	±0.010	±0.0075
Hysteresis Error	%/°Cn	±0.017	±0.012	±0.010
Creep error (30min)/DR	%/°Cn	±0.017	±0.012	±0.010
Full Scale Output (Cn)	mV/V	2±10%		
Zero Balance	mV/V	±0.02		
Recommended voltage	V	10 (15 Maximum)		
Input Resistance	Ω	415 ±15		
Output Resistance	Ω	350 ±3		
Insulation resistance [50V DC]	GΩ	>2		
Safe overload (E _{lim})	%/E _{max}	150		
Breaking overload	%/E _{max}	300		
Safe side load	%/E _{max}	100		
Nominal temperature range	°C / °F	-10 to 40 / 14 to 104		
Element Material		Aluminum, Clear Anodized		
Seal type / IP rating		Environmentally Sealed / IP66		
Cable color code		Exc+ Red Exc- Black Sig+ Green Sig- White		



108TA; 108TAUN

Aluminum

PART NUMBER*		
Metric thread, 1:3000 accuracy		
Rated Capacity	Part No.	Weight Approx. (kg)
3kg	108TA-3kg	0.4
5kg	108TA-5kg	0.4
7kg	108TA-7kg	0.4
10kg	108TA-10kg	0.4
15kg	108TA-15kg	0.4
20kg	108TA-20kg	0.4
30kg	108TA-30kg	0.4
50kg	108TA-50kg	0.4
75kg	108TA-75kg	0.4
100kg	108TA-100kg	0.4
150kg	108TA-150kg	0.4
200kg	108TA-200kg	0.4

PART NUMBER*		
Metric thread, 1:4000 accuracy		
Rated Capacity	Part No.	Weight Approx. (kg)
5kg	108TA-5kg-A1	0.4
7kg	108TA-7kg-A1	0.4
10kg	108TA-10kg-A1	0.4
15kg	108TA-15kg-A1	0.4
20kg	108TA-20kg-A1	0.4
30kg	108TA-30kg-A1	0.4
50kg	108TA-50kg-A1	0.4
75kg	108TA-75kg-A1	0.4
100kg	108TA-100kg-A1	0.4
150kg	108TA-150kg-A1	0.4
200kg	108TA-200kg-A1	0.4

PART NUMBER*		
Metric thread, 1:5000 accuracy		
Rated Capacity	Part No.	Weight Approx. (kg)
5kg	108TA-5kg-A2	0.4
7kg	108TA-7kg-A2	0.4
10kg	108TA-10kg-A2	0.4
15kg	108TA-15kg-A2	0.4
20kg	108TA-20kg-A2	0.4
30kg	108TA-30kg-A2	0.4
50kg	108TA-50kg-A2	0.4
75kg	108TA-75kg-A2	0.4
100kg	108TA-100kg-A2	0.4
150kg	108TA-150kg-A2	0.4
200kg	108TA-200kg-A2	0.4

*ATEX, FM, IECEx approved versions carry the "-Ex" suffix.

INTERCHANGEABLE PRODUCTS

Brand	Model
108TA	
Flintec	PC42 (20-150kg)*
Vishay Revere Transducers	642C
Vishay Tedea-Huntleigh	1042(metric threads)

*Flintec PC42 has a M8 mounting hole

NTEP 1-5000 Class III, Single Cell

3kg: OIML C3

5kg-30kg: OIML MAA C7.5, Y=20 000
50kg-200kg: OIML MAA C6, Y=29 000

For further definition of PIN's & specifications per NTEP/OIML classes, please contact us.

PART NUMBER*		
Imperial thread, 1:3000 accuracy		
Rated Capacity	Part No.	Weight Approx. (kg)
3kg	108TAUN-3kg	0.4
5kg	108TAUN-5kg	0.4
7kg	108TAUN-7kg	0.4
10kg	108TAUN-10kg	0.4
15kg	108TAUN-15kg	0.4
20kg	108TAUN-20kg	0.4
30kg	108TAUN-30kg	0.4
50kg	108TAUN-50kg	0.4
75kg	108TAUN-75kg	0.4
100kg	108TAUN-100kg	0.4
150kg	108TAUN-150kg	0.4
200kg	108TAUN-200kg	0.4

PART NUMBER*		
Imperial thread, 1:4000 accuracy		
Rated Capacity	Part No.	Weight Approx. (kg)
5kg	108TAUN-5kg-A1	0.4
7kg	108TAUN-7kg-A1	0.4
10kg	108TAUN-10kg-A1	0.4
15kg	108TAUN-15kg-A1	0.4
20kg	108TAUN-20kg-A1	0.4
30kg	108TAUN-30kg-A1	0.4
50kg	108TAUN-50kg-A1	0.4
75kg	108TAUN-75kg-A1	0.4
100kg	108TAUN-100kg-A1	0.4
150kg	108TAUN-150kg-A1	0.4
200kg	108TAUN-200kg-A1	0.4

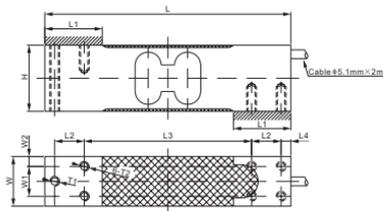
PART NUMBER*		
Imperial thread, 1:5000 accuracy		
Rated Capacity	Part No.	Weight Approx. (kg)
5kg	108TAUN-5kg-A2	0.4
7kg	108TAUN-7kg-A2	0.4
10kg	108TAUN-10kg-A2	0.4
15kg	108TAUN-15kg-A2	0.4
20kg	108TAUN-20kg-A2	0.4
30kg	108TAUN-30kg-A2	0.4
50kg	108TAUN-50kg-A2	0.4
75kg	108TAUN-75kg-A2	0.4
100kg	108TAUN-100kg-A2	0.4
150kg	108TAUN-150kg-A2	0.4
200kg	108TAUN-200kg-A2	0.4

INTERCHANGEABLE PRODUCTS

Brand	Model
108TAUN	
Cardinal	TSP
Colt Global	CG-42
HBM	SP4
Rice Lake	RL1042
	RLSP4
Rice Lake	RL42018A
Vishay Revere Transducers	642C
Vishay Tedea-Huntleigh	1042(imperial threads)

SINGLE POINTS

SINGLE POINTS



CE ATEX RoHS

DIMENSIONS

RATED CAPACITY	H	L	L1	L2	L3	L4	W	W1	W2	T1	T2
kg/mm											
30-150	40.0	150.0	35.0	18.0	102.0	6.0	30.0	18.0	6.0	M6	M6 Depth 15
lb/inches (conversion of above dimensions)											
66-330	1.57	5.91	1.38	0.71	4.02	0.24	1.18	0.71	0.24	M6	M6 Depth 0.6

SPECIFICATIONS

Type	YZ108	Recommended Excitation	10V (15V Maximum)
Full Scale Output	1.0 mV/V ± 10%	Reference Max. Platform Size	400×400 mm
Zero Balance	± 0.02 mV/V	Insulation Resistance	> 2 | 50V DC | G/G
Non-linearity	< ± 0.017%	Nominal Temperature Range	-10°C to 40°C / 14°F to 104°F
Repeatability	< ± 0.017%	Safe Overload	150% of full scale
Hysteresis Error	< ± 0.017%	Breaking Overload	300% of full scale
Creep In 30 min.	< ± 0.023%	Seal Type / IP Rating	Environmentally Sealed / IP66
Input Resistance	415Q ± 15	Cable Color Code	Exc+ Red Exc- Black Sig+ Green Sig- White
Output Resistance	350Q ± 3	Shield Bare	
Element Material	Aluminum, Clear Anodized		

PART NUMBER*

Rated Capacity	Part No.	Weight Approx. (kg)
30kg	108TAAD-30kg	0.5
60kg	108TAAD-60kg	0.5
150kg	108TAAD-150kg	0.5

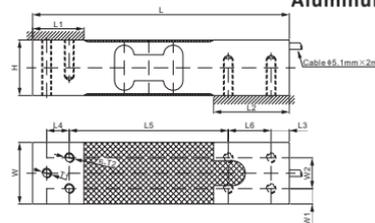
*ATEX, FM, IECEx approved versions carry the "-Ex" suffix.

OIML C3

For further available P/N's & specifications per OIML classes, please contact us.

INTERCHANGEABLE REFERENCE

Brand	Model
A&D	LC-4102



CE ATEX RoHS

DIMENSIONS

RATED CAPACITY	H	L	L1	L2	L3	L4	L5	L6	W	W1	W2	T1	T2
kg/mm													
30-150	45.0	210.0	42.0	62.0	15.0	18.5	130.0	35.0	50.0	12.5	25.0	M8	M8 Depth 30
lb/inches (conversion of above dimensions)													
66-330	1.77	8.27	1.65	2.44	0.59	0.73	5.12	1.38	1.97	0.49	0.98	M8	M8 Depth 1.2

SPECIFICATIONS

Type	YZ108	Recommended Excitation	10V (15V Maximum)
Full Scale Output	1.0 mV/V ± 10%	Reference Max. Platform Size	400×400 mm
Zero Balance	± 0.02 mV/V	Insulation Resistance	> 2 | 50V DC | G/G
Non-linearity	< ± 0.017%	Nominal Temperature Range	-10°C to 40°C / 14°F to 104°F
Repeatability	< ± 0.017%	Safe Overload	150% of full scale
Hysteresis Error	< ± 0.017%	Breaking Overload	300% of full scale
Creep In 30 min.	< ± 0.023%	Seal Type / IP Rating	Environmentally Sealed / IP66
Input Resistance	415Q ± 15	Cable Color Code	Exc+ Red Exc- Black Sig+ Green Sig- White
Output Resistance	350Q ± 3	Shield Bare	
Element Material	Aluminum, Clear Anodized		

PART NUMBER*

Rated Capacity	Part No.	Weight Approx. (kg)
30kg	108TAAL-30kg	1.2
60kg	108TAAL-60kg	1.2
100kg	108TAAL-100kg	1.2
150kg	108TAAL-150kg	1.2

*ATEX, FM, IECEx approved versions carry the "-Ex" suffix.

OIML C3

For further available P/N's & specifications per OIML classes, please contact us.

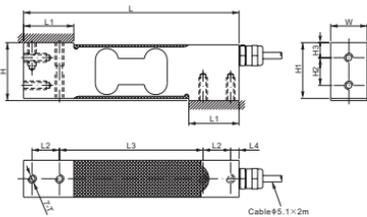
INTERCHANGEABLE REFERENCE

Brand	Model
A&D	LC-4103

108TS; 108TSUN

Stainless Steel

ANYLOAD



CE RoHS

DIMENSIONS

RATED CAPACITY	H	H1	H2	H3	L	L1	L2	L3	L4	W	T
108TS: kg/mm											
5-150	40.0	38.5	19.1	10.5	150.0	35.0	19.1	100.0	5.9	25.4	M6 Depth18
lb/inches (conversion of above dimensions)											
11.02-330.69	1.57	1.52	0.75	0.41	5.91	1.38	0.75	3.94	0.23	1.00	M6 Depth0.63
108TSUN: kg/mm											
5-150	40.0	38.5	19.1	10.5	150.0	35.0	19.1	100.0	5.9	25.4	1/4-20UNC-2B Depth18
lb/inches (conversion of above dimensions)											
11.02-330.69	1.57	1.52	0.75	0.41	5.91	1.38	0.75	3.94	0.23	1.00	1/4-20UNC-2B Depth0.63

SPECIFICATIONS

Full Scale Output	2.0 mV/V ± 10%	Recommended Excitation	10V (15V Maximum)
Zero Balance	± 0.02 mV/V	Reference Max. Platform Size	450 × 500 mm
Non-linearity	< ± 0.017%	Insulation Resistance	> 2 | 50V DC | G
Repeatability	< ± 0.017%	Compensated Temperature Range	-10°C to 50°C / 14°F to 122°F
Hysteresis Error	< ± 0.017%	Safe Overload	150% of full scale
Creep in 30 min.	< ± 0.023%	Breaking Overload	300% of full scale
Input Resistance	385 Ω ± 15	Seal Type / IP Rating	Environmentally Sealed / IP66
Output Resistance	350 Ω ± 4	Cable Color Code	Exc+ Red Exc- Black Sig+ Green Sig- White Shield Bare
Element Material	2Cr13 Stainless Steel		

PART NUMBER*

Rated Capacity	Part No.	Weight Approx. (kg)
5kg	108TS-5kg-YZ	0.9
	108TSUN-5kg-YZ	0.9
10kg	108TS-10kg-YZ	0.9
	108TSUN-10kg-YZ	0.9
15kg	108TS-15kg-YZ	0.9
	108TSUN-15kg-YZ	0.9
20kg	108TS-20kg-YZ	0.9
	108TSUN-20kg-YZ	0.9
30kg	108TS-30kg-YZ	1.0
	108TSUN-30kg-YZ	1.0
50kg	108TS-50kg-YZ	1.0
	108TSUN-50kg-YZ	1.0
75kg	108TS-75kg-YZ	1.0
	108TSUN-75kg-YZ	1.0
100kg	108TS-100kg-YZ	1.0
	108TSUN-100kg-YZ	1.0
150kg	108TS-150kg-YZ	1.0
	108TSUN-150kg-YZ	1.0

*ATEX, FM, IECEx approved versions carry the "-Ex" suffix.

INTERCHANGEABLE REFERENCE

Brand	Model
108TS	
Cardinal	TSSP*
FLINTEC	PCI (30-100kg)
HBM	PW15A
Mettler Toledo	SLP845**
Vishay Tedea-Huntleigh	1142
108TSUN	
HBM	PW15
Rice Lake	RL 1140
Rice Lake	RL 1385***
Vishay Tedea-Huntleigh	1140

*The mounting hole TSSP is of M10

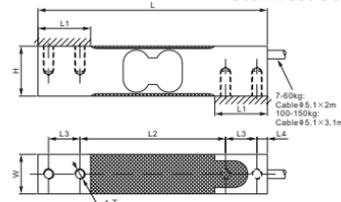
**SLP845 is of Hermetical seal IP68/69K, 108TS is glue seal with IP66

***RL 1385 comes with 3 mounting holes, 108TSUN comes with 2 mounting holes which match the outer 2 mounting holes of RL1385

ANYLOAD

108TSL

Stainless Steel



CE RoHS

DIMENSIONS

RATED CAPACITY	H	L	L1	L2	L3	L4	W	T
kg/mm								
7-15	30.2	139.7	32.0	88.7	19.1	6.4	19.1	1/4-20UNC-2B Depth15
30-60	30.2	139.7	32.0	88.7	19.1	6.4	23.9	1/4-20UNC-2B Depth15
100-150	30.7	139.7	38.0	79.2	22.3	7.8	30.2	3/8-16UNC-2B Depth15
lb/inches (conversion of above dimensions)								
15.4-33.1	1.19	5.50	1.26	3.49	0.75	0.25	0.75	1/4-20UNC-2B Depth0.6
86.1-132.3	1.19	5.50	1.26	3.49	0.75	0.25	0.94	1/4-20UNC-2B Depth0.6
220.5-330.7	1.21	5.50	1.50	3.12	0.88	0.31	1.19	3/8-16UNC-2B Depth0.6

SPECIFICATIONS

Full Scale Output	2.0 mV/V ± 10%	Recommended Excitation	10V (15V Maximum)
Zero Balance	± 0.02 mV/V	Reference Max. Platform Size	400 × 400 mm
Non-linearity	< ± 0.017%	Insulation Resistance	> 2 | 50V DC | G
Repeatability	< ± 0.017%	Compensated Temperature Range	-10°C to 50°C / 14°F to 122°F
Hysteresis Error	< ± 0.017%	Safe Overload	150% of full scale
Creep in 30 min.	< ± 0.023%	Breaking Overload	300% of full scale
Input Resistance	385 Ω ± 15	Seal Type / IP Rating	Environmentally Sealed / IP66
Output Resistance	350 Ω ± 4	Cable Color Code	Exc+ Red Exc- Black Sig+ Green Sig- White Shield Bare
Element Material	2Cr13 Stainless Steel		

PART NUMBER*

Rated Capacity	Part No.	Weight Approx. (kg)
7kg	108TSL-7kg-YZ	0.7
10kg	108TSL-10kg-YZ	0.7
15kg	108TSL-15kg-YZ	0.7
30kg	108TSL-30kg-YZ	0.7
60kg	108TSL-60kg-YZ	0.7
100kg	108TSL-100kg-YZ	0.7
150kg	108TSL-150kg-YZ	0.7

*ATEX, FM, IECEx approved versions carry the "-Ex" suffix.

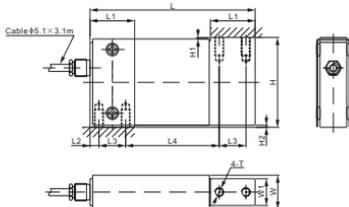
INTERCHANGEABLE REFERENCE

Brand	Model
Coti Global	CG-PWS
HBM	PWS
Rice Lake	RL1380
Rice Lake	RLPCS3

108TSSST

Stainless Steel

ANYLOAD



DIMENSIONS

RATED CAPACITY	H	H1	H2	L	L1	L2	L3	L4	W	W1	T
lb/inches											
10-100	2.50	0.04	0.06	4.63	1.25	0.25	0.75	2.63	0.95	0.75	1/4-28 UNF-2B Depth0.5
kg/mm (conversion of above dimensions)											
4.54-45.4	63.5	1.0	1.5	117.8	31.8	6.40	19.0	66.7	24.1	19.0	1/4-28 UNF-2B Depth12.7

SPECIFICATIONS

Full Scale Output	2.0 mV/V ± 10%	Recommended Excitation	10V (15V Maximum)
Zero Balance	± 0.02 mV/V	Reference Max. Platform Size	Capacity < 25lb: 300 × 250 mm Capacity > 25lb: 300 × 300 mm
Non-linearity	< ± 0.017%	Insulation Resistance	> 2 (50V DC) G/G
Repeatability	< ± 0.017%	Compensated Temperature Range	-10°C to 50°C / 14°F to 122°F
Hysteresis Error	< ± 0.017%	Safe Overload	150% of full scale
Creep in 30 min.	< ± 0.023%	Breaking Overload	300% of full scale
Input Resistance	385.0 ± 15	Seal Type / IP Rating	Environmentally Sealed / IP66
Output Resistance	350.0 ± 5	Cable Color Code	Exc+ Red Exc- Black Sig+ Green Sig- White Shield Bare
Element Material	2Cr13 Stainless Steel		

PART NUMBER*

Rated Capacity	Part No.	Weight Approx. (kg)
10lb.....	108TSSST-10lb-YZ.....	0.9
15lb.....	108TSSST-15lb-YZ.....	0.9
25lb.....	108TSSST-25lb-YZ.....	0.9
50lb.....	108TSSST-50lb-YZ.....	0.9
100lb.....	108TSSST-100lb-YZ.....	0.9

* ATEX, FM, IECEx approved versions carry the "-Ex" suffix.

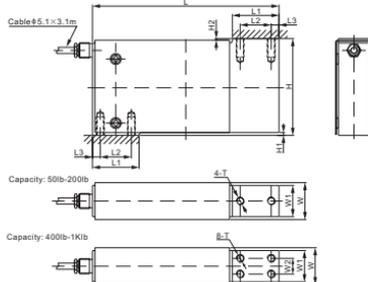
INTERCHANGEABLE REFERENCE

Brand	Model
Coti Global.....	CG-51
Vishay Sensortronics.....	60051

ANYLOAD

108TSVS

Stainless Steel



DIMENSIONS

RATED CAPACITY	H	H1	H2	L	L1	L2	L3	W	W1	W2	T
lb/inches											
50-200	3.09	0.09	0.04	6.00	1.50	1.00	0.25	1.18	1.00	-	1/4-28 UNF-2B Depth0.75
400-500	3.09	0.09	0.04	6.00	1.50	1.00	0.25	1.18	1.00	0.50	1/4-28 UNF-2B Depth0.75
1,000	3.09	0.09	0.18	6.00	1.50	1.00	0.25	1.69	1.50	1.00	5/16-24 UNF-2B Depth0.75
kg/mm (conversion of above dimensions)											
22.7-90.8	78.5	2.3	1.2	152.4	38.1	25.4	6.4	30.0	25.4	-	1/4-28 UNF-2B Depth19.0
181.8-227	78.5	2.3	1.2	152.4	38.1	25.4	6.4	30.0	25.4	12.7	1/4-28 UNF-2B Depth19.0
454	78.5	2.3	4.6	152.4	38.1	25.4	6.4	43.0	38.1	25.4	5/16-24 UNF-2B Depth19.0

SPECIFICATIONS

Full Scale Output	2.0 mV/V ± 10%	Recommended Excitation	10V (15V Maximum)
Zero Balance	± 0.02 mV/V	Reference Max. Platform Size	Capacity < 500lb: 500 × 500 mm Capacity > 500lb: 750 × 750 mm
Non-linearity	< ± 0.017%	Insulation Resistance	> 2 (50V DC) G/G
Repeatability	< ± 0.017%	Compensated Temperature Range	-10°C to 50°C / 14°F to 122°F
Hysteresis Error	< ± 0.017%	Safe Overload	150% of full scale
Creep in 30 min.	< ± 0.023%	Breaking Overload	300% of full scale
Input Resistance	385.0 ± 15	Seal Type / IP Rating	Environmentally Sealed / IP66
Output Resistance	350.0 ± 5	Cable Color Code	Exc+ Red Exc- Black Sig+ Green Sig- White Shield Bare
Element Material	2Cr13 Stainless Steel		

PART NUMBER*

Rated Capacity	Part No.	Weight Approx. (kg)
50lb.....	108TSVS-50lb-YZ.....	1.8
100lb.....	108TSVS-100lb-YZ.....	1.8
200lb.....	108TSVS-200lb-YZ.....	1.8
400lb.....	108TSVS-400lb-YZ.....	1.8
500lb.....	108TSVS-500lb-YZ.....	1.8
1Klb.....	108TSVS-1Klb-YZ.....	2.6

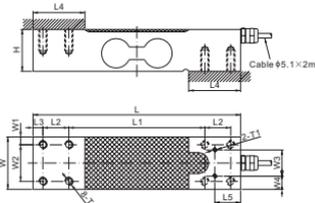
* ATEX, FM, IECEx approved versions carry the "-Ex" suffix.

INTERCHANGEABLE REFERENCE

Brand	Model
Coti Global.....	CG-60048
Vishay Sensortronics.....	60048

108WH

Alloy Steel



DIMENSIONS

RATED CAPACITY	H	L	L1	L2	L3	L4	L5	W	W1	W2	W3	W4	T	T1
kg/mm														
300-1,000	40.0	200.0	131.0	25.0	9.5	50.0	25.0	50.0	7.5	35.0	25.0	12.5	M8 Depth20	M4 Depth20
lb/inches (conversion of above dimensions)														
661.4-2,204.6	1.57	7.87	5.16	0.98	0.37	1.97	0.98	1.97	0.30	1.38	0.98	0.49	M8 Depth0.79	M4 Depth0.20

SPECIFICATIONS

Full Scale Output	2.0 mV/V ± 10%	Recommended Excitation	10V (15V Maximum)
Zero Balance	± 0.02 mV/V	Reference Max. Platform Size	600 x 700 mm
Non-linearity	< ± 0.017%	Insulation Resistance	> 2 | 50V DC | GND
Repeatability	< ± 0.017%	Compensated Temperature Range	-10°C to 50°C / 14°F to 122°F
Hysteresis Error	< ± 0.017%	Safe Overload	150% of full scale
Creep in 30 min.	< ± 0.023%	Breaking Overload	300% of full scale
Input Resistance	4000 ± 15	Seal Type / IP Rating	Environmentally Sealed / IP66
Output Resistance	3500 ± 3	Cable Color Code	Exc+ Red Exc- Black Sig+ Green Sig- White Shield Bare
Element Material	Alloy Steel, Nickel Plated		

PART NUMBER*

Rated Capacity	Part No.	Weight Approx. (kg)
300kg	108WH-300kg	2.7
400kg	108WH-400kg	2.7
500kg	108WH-500kg	2.7
750kg	108WH-750kg	2.7
1t	108WH-1t	2.7

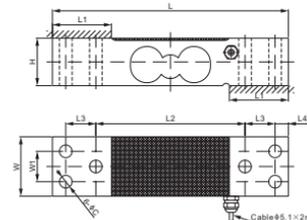
*ATEX, FM, IECEx approved versions carry the "-Ex" suffix.

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108WSLP

Stainless Steel



DIMENSIONS

RATED CAPACITY	C	H	L	L1	L2	L3	L4	W	W1
kg/mm									
150	10.7	40	200	50	126.5	25.5	11.25	50	25.5
lb/inches (conversion of above dimensions)									
330.7	0.42	1.57	7.87	1.97	4.98	1.00	0.44	1.97	1.00

SPECIFICATIONS

Full Scale Output	2.0 mV/V ± 10%	Recommended Excitation	10V (15V Maximum)
Zero Balance	± 0.02 mV/V	Reference Max. Platform Size	400 x 400 mm
Non-linearity	< ± 0.017%	Insulation Resistance	> 2 | 50V DC | GND
Repeatability	< ± 0.017%	Compensated Temperature Range	-10°C to 50°C / 14°F to 122°F
Hysteresis Error	< ± 0.017%	Safe Overload	150% of full scale
Creep in 30 min.	< ± 0.023%	Breaking Overload	300% of full scale
Input Resistance	3850 ± 15	Seal Type / IP Rating	Environmentally Sealed / IP66
Output Resistance	3500 ± 3	Cable Color Code	Exc+ Red Exc- Black Sig+ Green Sig- White Shield Bare
Element Material	2Cr13 Stainless Steel		

PART NUMBER*

Rated Capacity	Part No.	Weight Approx. (kg)
150kg	108WSLP-150kg-YZ	2.3

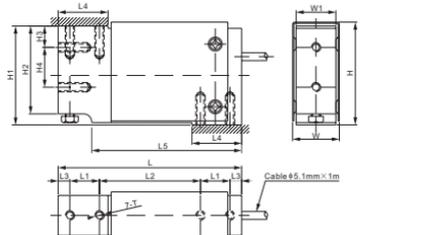
*ATEX, FM, IECEx approved versions carry the "-Ex" suffix.

INTERCHANGEABLE REFERENCE

Brand	Model
Mettler-Toledo	0756

651AA;651AAUN

Aluminum



DIMENSIONS

RATED CAPACITY	H	H1	H2	H3	H4	L	L1	L2	L3	L4	L5	W	W1	T
651AA														
kg/mm														
5-100	65.5	63.0	56.0	13.6	25.4	118.0	19.1	65.0	7.5	32.0	96.5	30.0	25.5	M6X1 Depth:19
lb/inches (conversion of above dimensions)														
11.0-220.5	2.58	2.48	2.21	0.54	1.00	4.65	0.75	2.56	0.30	1.26	3.80	1.18	1.00	M6X1 Depth:0.75
651AAUN:														
kg/mm														
5-100	65.5	63.0	56.0	13.6	25.4	118.0	19.1	65.0	7.5	32.0	96.5	30.0	25.5	1/4"-20UNC-2B Depth:19
lb/inches (conversion of above dimensions)														
11.0-220.5	2.58	2.48	2.21	0.54	1.00	4.65	0.75	2.56	0.30	1.26	3.80	1.18	1.00	1/4"-20UNC-2B Depth:0.75

SPECIFICATIONS

Full Scale Output	2.0 mV/V ± 10%	Recommended Excitation	10V (15V Maximum)
Zero Balance	± 0.02 mV/V	Reference Max. Platform Size	400 × 400 mm
Non-linearity	< ± 0.017%	Insulation Resistance	> 2 | 50V DC | GGD
Repeatability	< ± 0.017%	Nominal Temperature Range	-10°C to 40°C / 14°F to 104°F
Hysteresis Error	< ± 0.017%	Safe Overload	150% of full scale
Crimp In 30 min.	< ± 0.023%	Breaking Overload	300% of full scale
Input Resistance	4150 ± 15	Seal Type / IP Rating	Environmentally Sealed / IP66
Output Resistance	3500 ± 3	Cable Color Code	Exc+ Red Exc- Black Sig+ Green Sig- White Shield Bare
Element Material	Aluminum, Clear Anodized		

PART NUMBER*

Rated Capacity	Part No.	Weight Approx. (kg)
5kg	651AA-5kg	0.5
10kg	651AA-10kg	0.5
15kg	651AA-15kg	0.5
30kg	651AA-30kg	0.5
50kg	651AA-50kg	0.5
90kg	651AA-90kg	0.5
100kg	651AA-100kg	0.5

Rated Capacity	Part No.	Weight Approx. (kg)
5kg	651AAUN-5kg	0.5
10kg	651AAUN-10kg	0.5
15kg	651AAUN-15kg	0.5
30kg	651AAUN-30kg	0.5
50kg	651AAUN-50kg	0.5
90kg	651AAUN-90kg	0.5
100kg	651AAUN-100kg	0.5

*ATEX, FM, IECEx approved versions carry the "-Ex" suffix.

INTERCHANGEABLE REFERENCE

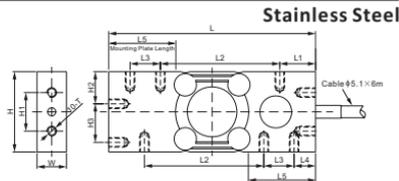
Brand	Model
651AA	
Vishay TedeA-Huntleigh	1010/1015*
651AAUN	
Coti Global	CG-1010
HBM	SP10
Rice Lake	RL1010
Vishay TedeA-Huntleigh	1010/1015**

* Metric thread M6 version
** Imperial thread version 1/4"-20 UNC

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DIMENSIONS

RATED CAPACITY	H	H1	H2	H3	L	L1	L2	L3	L4	L5	W	T
651HS												
kg/mm												
6-30	50.0	24.0	20.0	24.0	130.0	22.5	75.0	19.0	13.5	39.0	18.5	M6 Depth:10
50.60	50.0	24.0	20.0	24.0	130.0	22.5	75.0	19.0	13.5	39.0	23.5	M6 Depth:10
lb/inches (conversion of above dimensions)												
13.23-66.14	1.97	0.95	0.79	0.95	5.12	0.89	2.96	0.75	0.53	1.54	0.73	M6 Depth:0.39
110.23, 132.28	1.97	0.95	0.79	0.95	5.12	0.89	2.96	0.75	0.53	1.54	0.93	M6 Depth:0.39

SPECIFICATIONS

Full Scale Output	2.0 mV/V ± 1%	Recommended Excitation	10V (15V Maximum)
Zero Balance	± 0.02 mV/V	Reference Max. Platform Size	350 × 350 mm
Non-linearity	< ± 0.030%	Insulation Resistance	> 2 | 50V DC | GGD
Repeatability	< ± 0.020%	Nominal Temperature Range	-10°C to 50°C / 14°F to 122°F
Hysteresis Error	< ± 0.030%	Safe Overload	150% of full scale
Crimp In 30 min.	< ± 0.040%	Breaking Overload	300% of full scale
Input Resistance	4150 ± 15	Seal Type / IP Rating	Welded Seal / IP68/IP69K
Output Resistance	3500 ± 3	Cable Color Code	Exc+ Red Exc- Black Sig+ Green Sig- White Shield Bare
Element Material	17-4PH Stainless Steel		

PART NUMBER*

Rated Capacity	Part No.	Weight Approx. (kg)
6kg	651HS-6kg	0.9
12kg	651HS-12kg	0.9
20kg	651HS-20kg	0.9
30kg	651HS-30kg	0.9
50kg	651HS-50kg	1.1
60kg	651HS-60kg	1.1

*ATEX, FM, IECEx approved versions carry the "-Ex" suffix.



NTEP 1:10 000 Class III, Single Cell;

12kg-60kg: OIML MAA C9, Y=18 000

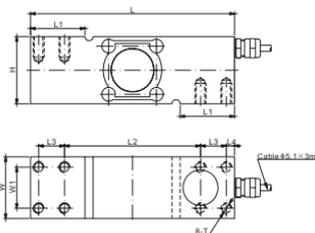
For further available P/N's & specifications per NTEP/OIML classes, please contact us.

INTERCHANGEABLE REFERENCE

Brand	Model
Vishay Revere Transducers	HPSM

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DIMENSIONS									
RATED CAPACITY	H	L	L1	L2	L3	L4	W	W1	T
kg/mm									
50-400	49.0	150.0	40.0	100.0	19.0	6.0	45.0	30.0	M8 Depth15
lb/inches (conversion of above dimensions)	1.93-15.7	5.9	1.6	3.9	0.75	0.2	1.8	1.2	M8 Depth0.6

SPECIFICATIONS		
Full Scale Output	2.0 mV/V ± 0.1%	Recommended Excitation
Zero Balance	± 0.02 mV/V	Reference Max. Platform Size
Non-linearity	< ± 0.03%	Insulation Resistance
Repeatability	< ± 0.03%	Compensated Temperature Range
Hysteresis Error	< ± 0.02%	Safe Overload
Creep In 30 min.	< ± 0.03%	Breaking Overload
Input Resistance	1100Ω ± 50	Seal Type / IP Rating
Output Resistance	1000Ω ± 5	Cable Color Code
Element Material	17-4PH Stainless Steel	

PART NUMBER*

Rated Capacity	Part No.	Weight Approx. (kg)
50kg	651JS-50kg	2.1
75kg	651JS-75kg	2.1
200kg	651JS-200kg	2.2
400kg	651JS-400kg	2.2

* ATEX, FM, IECEx approved versions carry the "-Ex" suffix.

50kg - 75kg: NTEP 1:10 000 Class III, Single Cell;
200kg - 400kg: NTEP 1:5 000 Class III, Single Cell;

50kg - 75kg: OIML MAA C9, Y=18 000;
200kg - 400kg: OIML MAA C4, Y=26 000

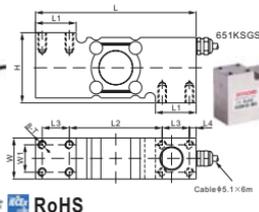
For further available P/N's & specifications per NTEP/OIML classes, please contact us.

INTERCHANGEABLE REFERENCE

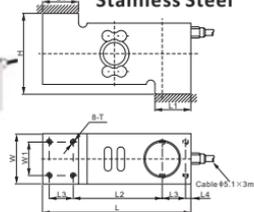
Model	Model
651JS-50kg	108JA-50kg*
651JS-75kg	108JA-75kg*
651JS-75kg	108JA-LE75kg*
651JS-200kg	108JA-SE200kg*
651JS-400kg	108JA-SE400kg*

* Most dimensions are the same, except overall height (H on the drawing): 651JS all capacities at 49mm (1.9inch), while 108JA-50kg & 108JA-75kg 25mm (0.98inch), 108JA-LE75kg, 108JA-SE200kg, 108JA-SE400kg 40mm (1.57inch).

651KS22



651KSGS



DIMENSIONS

RATED CAPACITY	H	L	L1	L2	L3	L4	W	W1	T
651KS22:									
kg/mm	65.0	150.0	38.0	86.6	25.4	6.3	38.0	25.4	M8 Depth16
lb/inches (conversion of above dimensions)	2.36	5.91	1.50	3.41	1.00	0.25	1.50	1.00	M8 Depth0.63
651KSGS:									
kg/mm	73.0	150.0	38.1	86.5	25.4	6.4	38.0	25.4	M8 Depth12
lb/inches (conversion of above dimensions)	2.67	5.91	1.50	3.41	1.00	0.25	1.50	1.00	M8 Depth0.47

SPECIFICATIONS

Full Scale Output	2.0 mV/V ± 0.1%	Recommended Excitation
Zero Balance	± 0.02 mV/V	Reference Max. Platform Size
Non-linearity	651KS22: < ± 0.03%; 651KSGS: < ± 0.05%	Insulation Resistance
Repeatability	< ± 0.02%	Compensated Temperature Range
Hysteresis Error	651KS22: < ± 0.03%; 651KSGS: < ± 0.05%	Safe Overload
Creep In 30 min.	< ± 0.03%	Breaking Overload
Input Resistance	385Ω ± 15	Seal Type / IP Rating
Output Resistance	350Ω ± 3	
Element Material	17-4PH Stainless Steel	Cable Color Code

PART NUMBER*

Rated Capacity	Part No.	Weight Approx. (kg)
50kg	651KS22-50kg	2.3
100kg	651KS22-100kg	2.3
	651KSGS-100kg	2.5
250kg	651KS22-250kg	2.3
	651KSGS-250kg	2.5
500kg	651KS22-500kg	2.3
	651KSGS-500kg	2.5

* ATEX, FM, IECEx approved versions carry the "-Ex" suffix.

651KS22-50kg: NTEP 1:10 000 Class III, Single Cell;
651KS22-100kg, 250kg & 500kg: NTEP 1:5 000 Class III, Single Cell;

651KS22-50kg & 100kg: OIML MAA C9, Y=18 000;
651KS22-250kg & 500kg: OIML MAA C4, Y=26 000

For further available P/N's & specifications per NTEP/OIML classes, please contact us.

INTERCHANGEABLE REFERENCE

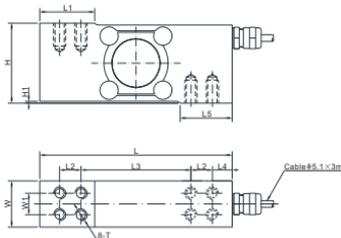
651KS22 Brand	Model
Flintec	PC7*
Mettler-Toledo	SSH
Vishay TedeA-Huntleigh	1510*

* H of Flintec PC7 & TedeA 1510 are of 73mm.

651KS66

Stainless Steel

ANYLOAD



DIMENSIONS

RATED CAPACITY	H	H1	L	L1	L2	L3	L4	L5	kg	W	W1	T
kg/mm												
LE10-LE200	48.0	1.2	122.0	32.0	15.2	67.8	16.3	40.0	30.0	15.2		M6 Depth:15
lb/inches (conversion of above dimensions)												
LE22.05-LE440.92	1.89	0.05	4.80	1.26	0.60	2.67	0.64	1.57	1.18	0.60		M6 Depth:0.59

SPECIFICATIONS

Full Scale Output	2.0 mV/V ± 5%	Recommended Excitation	10V (15V Maximum)
Zero Balance	± 0.02 mV/V	Reference Max. Platform Size	610 × 700 mm
Non-linearity	< ± 0.03%	Insulation Resistance	> 2 | 50V DC | G/G
Repeatability	< ± 0.02%	Compensated Temperature Range	-10°C to 50°C / 14°F to 122°F
Hysteresis Error	< ± 0.03%	Safe Overload	150% of full scale
Creep In 30 min.	< ± 0.02%	Breaking Overload	300% of full scale
Input Resistance	1100 Ω ± 50	Seal Type / IP Rating	Welded Seal / IP68/IP69K
Output Resistance	960 Ω ± 50	Cable Color Code	Exc+ Red Exc- Black Sig+ Green Sig- White Shield Bare
Element Material	17-4PH Stainless Steel		

PART NUMBER*

Rated Capacity	Part No.	Weight Approx. (kg)
LE10kg.....	651KS66-LE10kg.....	1.32
LE20kg.....	651KS66-LE20kg.....	1.32
LE50kg.....	651KS66-LE50kg.....	1.32
LE100kg.....	651KS66-LE100kg.....	1.32
LE200kg.....	651KS66-LE200kg.....	1.32

*ATEX, FM, IECEx approved versions carry the "-Ex" suffix.



10kg - 50kg: NTEP 1:10,000 Class III, Single Cell;
100kg - 200kg: NTEP 1:5,000 Class III, Single Cell;

10kg - 100kg: OIML MAA C9, Y=19 000;
200kg: OIML MAA C4, Y=26 000

For further available P/N's & specifications per NTEP/OIML classes, please contact us.

INTERCHANGEABLE REFERENCE

Brand	Model
Flintec.....	PCB*

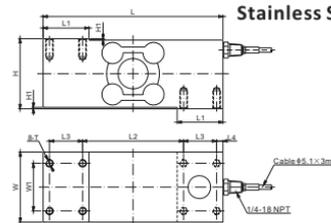
AVAILABLE OPTIONS

■ Imperial thread 1/4-20 UNC available

ANYLOAD

651KSBC; 651KSBCUN

Stainless Steel



DIMENSIONS

RATED CAPACITY	H	H1	L	L1	L2	L3	L4	W	W1	T
651KSBC:										
kg/mm										
100-250	73.7	1.50	190.5	48.5	107.0	35.0	6.75	73.7	50.0	M8 Depth:19.0
lb/inches (conversion of above dimensions)										
220.5-551.2	2.90	0.06	7.50	1.91	4.21	1.38	0.27	2.90	1.97	M8 Depth:0.75
651KSBCUN:										
kg/mm										
100-500	73.7	1.50	190.5	48.5	107.0	35.0	6.75	73.7	50.0	5/16-18 UNC Depth:19.0
lb/inches (conversion of above dimensions)										
220.5-1102.3	2.90	0.06	7.50	1.91	4.21	1.38	0.27	2.90	1.97	5/16-18 UNC Depth:0.75

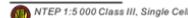
SPECIFICATIONS

Full Scale Output	2.0 mV/V ± 0.25%	Recommended Excitation	10V (15V Maximum)
Zero Balance	± 0.02 mV/V	Reference Max. Platform Size	800 × 800 mm
Non-linearity	< ± 0.03%	Insulation Resistance	> 2 | 50V DC | G/G
Repeatability	< ± 0.02%	Compensated Temperature Range	-10°C to 50°C / 14°F to 122°F
Hysteresis Error	< ± 0.03%	Safe Overload	150% of full scale
Creep In 30 min.	< ± 0.03%	Breaking Overload	300% of full scale
Input Resistance	1100 Ω ± 50	Seal Type / IP Rating	Welded Seal / IP68/IP69K
Output Resistance	960 Ω ± 50	Cable Color Code	Exc+ Red Exc- Black Sig+ Green Sig- White Shield Bare
Element Material	17-4PH Stainless Steel		

PART NUMBER*

Rated Capacity	Part No.	Weight Approx. (kg)
100kg.....	651KSBC-100kg.....	6.2
250kg.....	651KSBCUN-100kg.....	6.2
500kg.....	651KSBC-250kg.....	6.3
	651KSBCUN-250kg.....	6.3
	651KSBCUN-500kg.....	6.5

*ATEX, FM, IECEx approved versions carry the "-Ex" suffix.



100kg: OIML MAA C9, Y=19 000;
250kg-500kg: OIML MAA C4, Y=26 000

For further available P/N's & specifications per NTEP/OIML classes, please contact us.

INTERCHANGEABLE REFERENCE

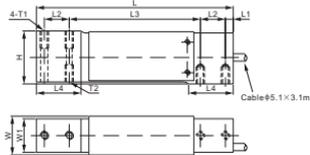
Brand	Model
651KSBC	
Flintec.....	PCB*
651KSBCUN	
Flintec.....	PCB*
Rice Lake.....	RLPCBC-60

*Flintec PCB has 3 versions: PCB, PCB6, PCB6C.
Anyload's 651KSBC is interchangeable with PCB6 metric thread, 651KSBCUN/PCBC imperial thread.

www.anyload.com

651TA; 651TAUN

Aluminum



DIMENSIONS

RATED CAPACITY	H	L	L1	L2	L3	L4	W	W1	T1	T2
651TA: kg/mm 10-200	40.0	150.0	6.0	19.0	100.0	34.0	29.4	25.4	M6 Depth13	M6 Depth13
lb/inches (conversion of above dimensions) 22.05-440.92	1.57	5.91	0.23	0.75	3.94	1.34	1.16	1.00	M6 Depth0.51	M6 Depth0.51
651TAUN: kg/mm 10-200	40.0	150.0	6.0	19.0	100.0	34.0	29.4	25.4	1/4-20 UNC Depth13	1/4-28 UNF Depth13
lb/inches (conversion of above dimensions) 22.05-440.92	1.57	5.91	0.23	0.75	3.94	1.34	1.16	1.00	1/4-20 UNC Depth0.51	1/4-28 UNF Depth0.51

SPECIFICATIONS

Full Scale Output	2.0 mV/V ± 10%	Recommended Excitation	10V (15V Maximum)
Zero Balance	± 0.02 mV/V	Reference Max. Platform Size	450 x 500 mm
Non-linearity	< ± 0.017%	Insulation Resistance	> 2 [50V DC] / GΩ
Repeatability	< ± 0.017%	Nominal Temperature Range	-10°C to 40°C / 14°F to 104°F
Hysteresis Error	< ± 0.017%	Safe Overload	150% of full scale
Creep in 30 min.	< ± 0.023%	Breaking Overload	300% of full scale
Input Resistance	415Ω ± 15	Seal Type / IP Rating	Environmentally Sealed, Potted / IP66
Output Resistance	350Ω ± 3	Cable Color Code	Exc+ Red Exc- Black Sig+ Green Sig- White Shield Bare
Element Material	Aluminum, Clear Anodized		

PART NUMBER*

Rated Capacity	Part No.	Weight Approx. (kg)
10kg	651TA-10kg	0.5
	651TAUN-10kg	0.5
15kg	651TA-15kg	0.5
	651TAUN-15kg	0.5
20kg	651TA-20kg	0.5
	651TAUN-20kg	0.5
30kg	651TA-30kg	0.5
	651TAUN-30kg	0.5
50kg	651TA-50kg	0.5
	651TAUN-50kg	0.5
75kg	651TA-75kg	0.5
	651TAUN-75kg	0.5
100kg	651TA-100kg	0.5
	651TAUN-100kg	0.5
200kg	651TA-200kg	0.5
	651TAUN-200kg	0.5

*ATEX, FM, IECEx approved versions carry the "Ex" suffix.

INTERCHANGEABLE REFERENCE

Brand	Model
651TA	
Mettler-Toledo	.....MT1041
Vishay Tedea-Huntleigh	.....1040 (mounting hole: M6)
Vishay TeDea-Huntleigh	.....1041 (mounting hole: M6)
651TAUN	
Coti Global	.....CG-40
Rice Lake	.....RL1040
Vishay Celtron	.....LOC
Vishay Tedea-Huntleigh1040 (mounting hole: 1/4"-28UNF)
Vishay Tedea-Huntleigh1041 (mounting hole: 1/4"-28UNF)

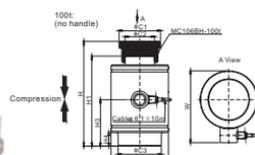
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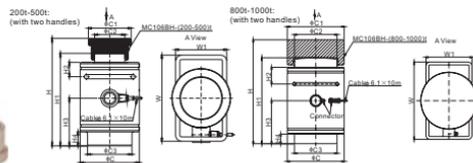
106BH

Alloy Steel

Capacity: 100t



Capacity: 200t-1000t



Mounting hardware to be ordered separately.

Material of MC106BH is alloy steel

DIMENSIONS

RATED CAPACITY	C	C1	C2	H	H1	H2	H3	H4	W	W1
t/mm										
100	155.0	84.0	59.0	95.0	223.0	185.0	/	94.0	30.0	195.0
200	166.0	120.0	85.0	125.0	300.0	258.0	40.0	133.0	39.0	240.0
300	166.0	135.0	100.0	140.0	320.0	275.0	40.0	145.0	47.0	240.0
500	268.0	175.0	127.0	180.0	425.0	365.0	60.0	192.5	60.0	352.0
800-1000	240.0	240.0	180.0	180.0	435.0	360.0	70.0	180.0	40.0	324.0
Kilobines (conversion of above dimensions)										
220.48	6.10	3.31	2.32	3.74	8.78	7.28	/	3.70	1.18	7.68
440.92	6.54	4.72	4.92	4.92	11.81	10.16	1.57	5.24	1.54	9.45
661.39	6.54	5.31	3.94	5.51	12.60	10.83	1.57	5.71	1.85	9.45
1,102.31	10.55	6.89	7.09	7.09	16.73	14.37	2.36	7.58	2.36	13.86
1,763.70-2,204.62	9.45	9.45	7.01	7.01	17.13	14.17	2.76	7.09	1.57	12.76

SPECIFICATIONS

Full Scale Output	2.0 mV/V ± 0.25%	Recommended Excitation	10V (15V Maximum)
Zero Balance	± 0.04 mV/V	Insulation Resistance	> 2 [50V DC] / GΩ
Non-linearity	< ± 0.050%	Compensated Temperature Range	-10°C to 50°C / 14°F to 122°F
Repeatability	< ± 0.017%	Safe Overload	150% of full scale
Hysteresis Error	< ± 0.030%	Breaking Overload	300% of full scale
Creep in 30 min.	< ± 0.023%	Seal Type / IP Rating	Welded Seal / IP67
Input Resistance	770Ω ± 30	Cable Color Code	Exc+ Red Exc- Black Sig+ Green Sig- White Shield Bare
Output Resistance	700Ω ± 5		
Element Material	Alloy Steel, Nickel Plated		

PART NUMBER*

Load Cell	Part No.	Weight Approx. (kg)
Rated Capacity		
100t	.....106BH-100t	9.6
200t	.....106BH-200t-HL	28.7
300t	.....106BH-300t-HL	37.8
500t	.....106BH-500t-HL	77.0
800t	.....106BH-800t-HL	116.6
1000t	.....106BH-1000t-HL	116.6

*ATEX, FM, IECEx approved versions carry the "Ex" suffix.

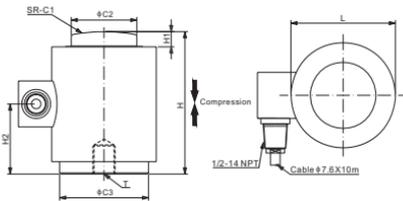
PART NUMBER

Mounting Hardware	Load Cell	Part No.	Shipping Weight (kg)
Mounting Hardware	200t	.....MC106BH-100t	1.4
Mounting Cap	200t	.....MC106BH-200t	3.6
	300tMC106BH-300t	11.3
	500tMC106BH-500t	11.3
	800tMC106BH-800t	30.5
	1000tMC106BH-1000t	30.5

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106CS; 106CS20

Stainless Steel



DIMENSIONS

RATED CAPACITY	C1	C2	C3	H	H1	H2	L	T
Kib/inches								
10-30	6.00	1.25	2.44	3.25	0.39	1.88	2.78	1/2-20 UNF-2B Depth0.83
100	6.00	2.32	3.15	5.00	0.91	2.46	3.70	3/4-16 UNF-2B Depth0.98
200	6.00	3.13	3.28	7.25	1.04	3.28	5.91	3/4-16 UNF-2B Depth0.98
t/mm								
10-25	152.4	31.8	62.0	82.6	9.8	42.7	70.0	M12x1.75-6H Depth16
40-50	152.4	59.0	80.0	127.0	13.0	62.5	94.0	M20x2.50-6H Depth25
100	431.8	79.5	134.2	184.2	26.4	83.3	150.0	M20x2.50-6H Depth25

SPECIFICATIONS

Full Scale Output	106CS: 1.75 mV/V ± 0.25%	Recommended Excitation	10V (15V Maximum)
	106CS20: 2.0 mV/V ± 0.25%		Insulation Resistance	>2 [50V DC] Ω
Zero Balance	± 0.02 mV/V	Compensated Temperature Range	-10°C to 50°C / 14°F to 122°F
Non-linearity	< ± 0.023%	Safe Overload	150% of full scale
Repeatability	< ± 0.030%	Breaking Overload	300% of full scale
Hysteresis Error	< ± 0.030%	Seal Type / IP Rating	Welded Seal / IP68
Creep in 30 min.	< ± 0.030%	Cable Color Code	Exc+ Red Exc- Black Sig+ Green Sig- White Shield Bare
Input Resistance	450Ω ± 4.5		
Output Resistance	480Ω ± 4.5		
Element Material	2Cr13 Stainless Steel		

PART NUMBER*

Rated Capacity	Part No.	Weight Approx. (kg)
10t	106CS-10t-YZ	2.9
	106CS20-10t-YZ	2.9
15t	106CS-15t-YZ	2.9
	106CS20-15t-YZ	2.9
25t	106CS-25t-YZ	2.9
	106CS20-25t-YZ	2.9
40t	106CS-40t-YZ	6.0
	106CS20-40t-YZ	6.0
50t	106CS-50t-YZ	6.0
	106CS20-50t-YZ	6.0
100t	106CS-100t-YZ	12.5
	106CS20-100t-YZ	12.5
10Klb	106CS20-10Klb-YZ	2.9
25Klb	106CS-25Klb-YZ	2.9
	106CS20-25Klb-YZ	2.9
50Klb	106CS-50Klb-YZ	2.9
	106CS20-50Klb-YZ	2.9
100Klb	106CS-100Klb-YZ	6.0
	106CS20-100Klb-YZ	6.0
200Klb	106CS-200Klb-YZ	12.5
	106CS20-200Klb-YZ	12.5

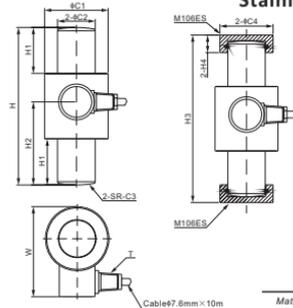
INTERCHANGEABLE REFERENCE

Brand	Model
106CS	
Cardinal	CP1
Coti Global	CG-175
Vishay Revere Transducers	.....CP
Vishay Revere Transducers	.....292B
106CS20	
Coti Global	CG-26S5
Rice Lake	RLCSP1
Vishay Revere Transducers	.....CSP
Vishay Revere Transducers	.....692B



106ES

Stainless Steel



Mounting hardware to be ordered separately.

DIMENSIONS

RATED CAPACITY	C1	C2	C3	C4	H	H1	H2	H3	H4	W	T
Kib/inches											
50-100	2.95	1.73	11.0	2.49	7.25	2.11	3.82	7.78	0.82	4.18	1/2-14 NPT
kg/mm (conversion of above dimensions)											
22,680-45,360	75.0	44.4	280.0	63.3	184.0	53.7	97.0	197.6	20.8	106.2	1/2-14 NPT

SPECIFICATIONS

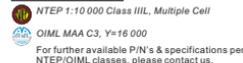
Full Scale Output	2.0 mV/V ± 1%	Recommended Excitation	10V (15V Maximum)
	Zero Balance		± 0.02 mV/V	Insulation Resistance	>2 [50V DC] Ω
Non-linearity	< ± 0.030%	Compensated Temperature Range	-10°C to 50°C / 14°F to 122°F
Repeatability	< ± 0.023%	Safe Overload	150% of full scale
Hysteresis Error	< ± 0.023%	Breaking Overload	300% of full scale
Creep in 30 min.	< ± 0.030%	Seal Type / IP Rating	Welded Seal / IP68
Input Resistance	1100Ω ± 50	Cable Color Code	Exc+ Red Exc- Black Sig+ Green Sig- White Shield Bare
Output Resistance	1000Ω ± 10		
Element Material	2Cr13 Stainless Steel		

PART NUMBER*

Load Cell	Part No.	Weight Approx. (kg)
Rated Capacity		
50Kib	106ES-50Kib-YZ	3.6
100Kib	106ES-100Kib-YZ	4.1
Mounting Hardware		
Mounting Hardware	Load Cell Part No.	Weight Approx. (kg)
Mounting Cap... (50-100)Kib	...M106ES-(50-100)Kib-YZ	...0.3

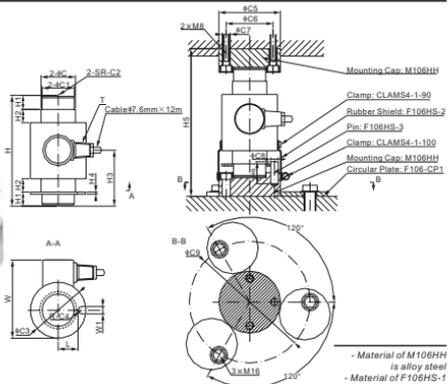
INTERCHANGEABLE REFERENCE

Brand	Model
Cardinal	.....SCA
Coti Global	.....CG-26S



For further available P/N's & specifications per NTEP/OIML classes, please contact us.

*ATEX, FM, IECEx approved versions carry the "-Ex" suffix.



Mounting hardware to be ordered separately.

RATED CAPACITY

mm	C	C1	C2	C3	C4	C5	C6	C7	C8	C9	H	H1	H2	H3	H4	H5	H6	L	W	W1	T
20	47	44	130	75	5	84	64	11	9.5	165	150	19	18	80	3	200	35	27	106	10	1/2-14 NPT
30	47	44	160	75	5	84	64	11	9.5	165	150	19	18	80	3	200	35	27	106	10	1/2-14 NPT
40	47	44	160	75	5	84	64	11	9.5	165	150	19	18	80	3	200	35	27	106	10	1/2-14 NPT

INches (conversion of above dimensions)

mm	C	C1	C2	C3	C4	C5	C6	C7	C8	C9	H	H1	H2	H3	H4	H5	H6	L	W	W1	T
44.0925	1.85	1.73	5.12	2.95	0.20	3.31	2.52	0.43	0.37	6.50	5.91	0.75	0.71	3.15	0.12	7.87	1.38	1.06	4.17	0.39	1/2-14 NPT
66.1387	1.85	1.73	6.30	2.95	0.20	3.31	2.52	0.43	0.37	6.50	5.91	0.75	0.71	3.15	0.12	7.87	1.38	1.06	4.17	0.39	1/2-14 NPT
88.1649	1.85	1.73	6.30	2.95	0.20	3.31	2.52	0.43	0.37	6.50	5.91	0.75	0.71	3.15	0.12	7.87	1.38	1.06	4.17	0.39	1/2-14 NPT

SPECIFICATIONS

Full Scale Output	2.0 mV/V ± 0.25%	Recommended Excitation	10V (15V Maximum)
Zero Balance	± 0.02 mV/V	Insulation Resistance	≥ 2 (50V DC) G Ω
Non-linearity	< ± 0.023%	Compensated Temperature Range	-10°C to 50°C / 14°F to 122°F
Repeatability	± 0.023%	Safe Overload	150% of full scale
Hysteresis Error	< ± 0.023%	Breaking Overload	300% of full scale
Crawl in 30 min.	< ± 0.030%	Seal Type / IP Rating	Welded Seal / IP68
Input Resistance	700 Ω ± 20	Cable Color Code	Exc+ Red Exc- Black Sig+ Green Sig- White
Output Resistance	705 Ω ± 5	Shield Base	Shield Base
Element Material	2Cr13 Stainless Steel		

PART NUMBER**

Load Cell	Rated Capacity	Part No.	Weight Approx. (kg)
20L	106HS-20L-YZ	3.8	
30L	106HS-30L-YZ	3.8	
40L	106HS-40L-YZ	3.8	

Mounting Hardware

Load Cell Hardware	Part No.	Weight Approx. (kg)
Mounting Cap.....(20-40).....	M106HH-(20-40)JL	1.3
Mounting Kit.....(20-40).....	106HS-(20-40)JL-PARTS...3.2	

INTERCHANGEABLE REFERENCE

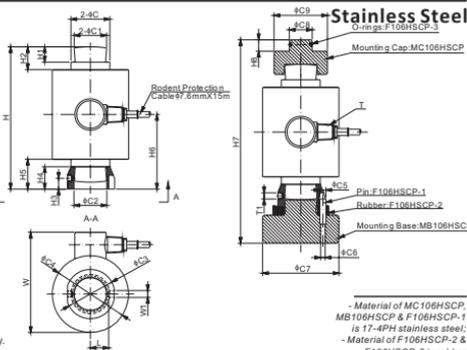
Brand	Model
Coti Global.....	CG-26S4
HBM.....	C16
Vishay Revere Transducers.....	ASC*

* 106HS with mounts is interchangeable with ASC load cell with mounts.

NTEP 1:10 000 Class IIIIL, Multiple Cell
 OIML MAA C3, Y=16 000

* Mounting kit includes: 2 pcs Mounting Caps, 2 pcs Clamps, 1 pcs Rubber Shield, 1 pcs Pin, 3 pcs Circular Plates.
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Mounting hardware to be ordered separately.

DIMENSIONS

RATED CAPACITY	C	C1	C2	C3	C4	C5	C6	C7	C8	C9	H	H1	H2
mm	51.0	42.5	43.0	64.0	100.0	8.0	6.0	100.0	30.0	70.0	185.0	20.0	29.7
Kilb/inches (conversion of above dimensions)	2.01	1.67	1.69	2.52	3.94	0.31	0.24	3.94	1.18	2.76	7.28	0.79	1.17

RATED CAPACITY	H3	H4	H5	H6	H7	H8	L	W	W1	T	T1
mm	14.0	29.0	38.7	97.0	264.5	15.0	24.0	130.3	9.0	1/2-14 NPT	M8 Depth.5
Kilb/inches (conversion of above dimensions)	0.55	1.14	1.52	3.82	10.41	0.59	0.94	5.13	0.35	1/2-14 NPT	M8 Depth.0.2

SPECIFICATIONS

Full Scale Output	2.0 mV/V ± 0.25%	Recommended Excitation	10V (15V Maximum)
Zero Balance	± 0.02 mV/V	Insulation Resistance	> 2 (50V DC) G Ω
Non-linearity	< ± 0.03%	Compensated Temperature Range	-10°C to 50°C / 14°F to 122°F
Repeatability	< ± 0.02%	Safe Overload	150% of full scale
Hysteresis Error	< ± 0.02%	Breaking Overload	300% of full scale
Crawl in 30 min.	< ± 0.02%	Seal Type / IP Rating	Welded Seal / IP68
Input Resistance	700 Ω ± 20	Cable Color Code	Exc+ Red Exc- Black Sig+ Green Sig- White
Output Resistance	705 Ω ± 5	Shield Base	Shield Base
Element Material	17-4PH Stainless Steel		

PART NUMBER**

Load Cell	Rated Capacity	Part No.	Weight Approx. (kg)
35L	106HSCP-35L	5.9	
	106HSCP-35L-FP*	10.2	

INTERCHANGEABLE REFERENCE

Brand	Model
Bilicali.....	CPR-M

Mounting Hardware

Mounting Hardware	Load Cell Capacity	Part No.	Weight Approx. (kg)
Mounting Cap.....	35L	MC106HSCP-35L	0.8
Mounting Base.....	35L	MB106HSCP-35L	2.4
Pin.....	35L	F106HSCP-1-35L	0.012
Rubber.....	35L	F106HSCP-2-35L	0.002
O-Ring.....	35L	F106HSCP-3-35L	0.001

NTEP 1:10 000 Class IIIIL, Multiple Cell
 OIML MAA C3, Y=16 000
 For further available P/N's & specifications per NTEP/OIML classes, please contact us.

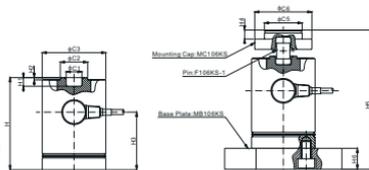
* 106HSCP-FP includes: 1 unit each of load cell, mounting cap, mounting base, pin, rubber, o-ring.
 **ATEX, FM, IECEx approved versions carry the "Ex" suffix.
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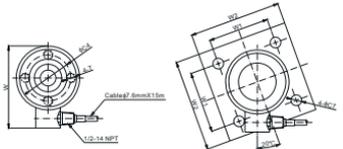
106KS

Stainless Steel

ANYLOAD



Mounting hardware to be ordered separately.



-Material of MC106KS & F106KS-1 is 17-4PH stainless steel.
-Material of MB106KS is 304 stainless steel

DIMENSIONS

RATED CAPACITY	C1	C2	C3	C4	C5	C6	C7	H	H1	H2	H3	H4	H5	H6	W	W1	W2	T
Kilb/inches																		
50	1.03	1.80	4.17	3.00	2.47	3.75	0.70	6.00	0.56	0.15	3.75	0.58	9.70	2.00	5.35	4.00	6.00	5/8-18 UNF Depth13
100	1.54	2.28	5.51	4.00	2.70	3.75	0.82	8.12	0.83	0.20	4.84	0.58	12.71	2.00	6.89	6.00	8.00	3/4-18 UNF Depth20
kg/mm (conversion of above dimensions)																		
22,679.6	26.2	45.7	106.0	76.2	62.7	95.3	17.8	152.4	14.3	3.8	95.3	14.8	246.4	50.8	136.0	101.6	152.4	5/8-18 UNF Depth0.8
45,359.2	39.0	57.9	140.0	101.6	68.6	95.3	20.8	206.2	21.0	5.1	123.0	14.8	322.8	50.8	170.0	152.4	203.2	3/4-16 UNF Depth0.8

SPECIFICATIONS

Full Scale Output	2.0 mV/V ± 0.25%	Recommended Excitation	10V (15V Maximum)
Zero Balance	± 0.02 mV/V	Insulation Resistance	> 2 [50V DC] Ω
Non-linearity	< ± 0.050%	Compensated Temperature Range	-10°C to 50°C / 14°F to 122°F
Repeatability	< ± 0.010%	Safe Overload	150% of full scale
Hysteresis Error	< ± 0.060%	Breaking Overload	300% of full scale
Creep in 30 min.	< ± 0.030%	Seal Type / IP Rating	Welded Seal / IP68
Input Resistance	700Ω ± 20	Cable Color Code	Exc+ Red Exc- Black Sig+ Green Sig- White Shield Bare
Output Resistance	700Ω ± 5		
Element Material	17-4PH Stainless Steel		

PART NUMBER*

Load Cell	Part No.	Weight	
Rated Capacity	Part No.	Approx. (kg)	
50Kib.....	106KS-50Kib.....	6.3	
100Kib.....	106KS-100Kib.....	13.4	
Mounting Hardware	Load Cell	Weight	
Hardware	Capacity	Part No.	Approx. (kg)
Mounting Cap.....	50Kib.....	MC106KS-50Kib.....	1.2
	100Kib.....	MC106KS-100Kib.....	1.2
Pin.....	50Kib.....	F106KS-1-50Kib.....	0.5
	100Kib.....	F106KS-1-100Kib.....	0.5
Base Plate.....	50Kib.....	MB106KS-50Kib.....	-
	100Kib.....	MB106KS-100Kib.....	-

INTERCHANGEABLE REFERENCE

Brand	Model
Coti Global.....	CG-CC22
Mettler-Toledo.....	B10883600A
Mettler-Toledo.....	B10887700A
Totalcomp.....	T752

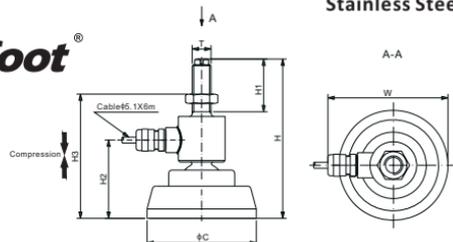
ANYLOAD

106MS-F-YZ

Stainless Steel



Fatfoot®



DIMENSIONS

RATED CAPACITY	C	H	H1	H2	H3	W	T
U/mm							
0.5-1	70.0	101.3	33.5	51.8	76.0-99.0	77.0	M12
2	70.0	119.8	50.0	51.8	76.0-116.0	77.0	M16
5	80.0	132.6	55.0	59.8	87.0-127.0	82.0	M20
10	100.0	187.3	80.0	81.3	118.0-180.0	96.0	M24×2
Kilb/inches							
1-2.5	2.76	3.99	1.32	1.96	2.99-3.90	3.03	1/2-20 UNF
5-10	3.15	5.23	2.17	2.35	3.43-5.00	3.23	3/4-16 UNF
20	3.94	7.37	3.15	3.20	4.65-7.09	3.78	1-14 UNF

SPECIFICATIONS

Full Scale Output	2.0 mV/V ± 0.25%	Recommended Excitation	10V (15V Maximum)
Zero Balance	± 0.04 mV/V	Insulation Resistance	> 2 [50V DC] Ω
Non-linearity	Cap. ≤ 2t: ± 0.050%, Cap. > 2t: ± 0.2%	Compensated Temperature Range	-10°C to 50°C / 14°F to 122°F
Repeatability	< ± 0.030%	Safe Overload	150% of full scale
Hysteresis Error	< ± 0.050%	Breaking Overload	300% of full scale
Creep in 30 min.	< ± 0.030%	Seal Type / IP Rating	Welded Seal / IP67
Input Resistance	380Ω ± 20	Cable Color Code	Exc+ Red Exc- Black Sig+ Green Sig- White Shield Bare
Output Resistance	350Ω ± 3		
Element Material	2Cr13 Stainless Steel		

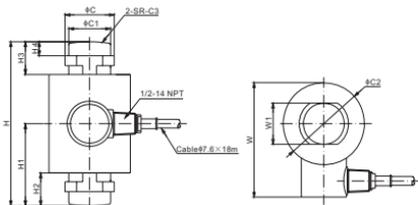
PART NUMBER*

Rated Capacity	Part No.	Weight
		Approx. (kg)
500kg.....	106MS-F-500kg-YZ.....	1.0
1t.....	106MS-F-1t-YZ.....	1.0
2t.....	106MS-F-2t-YZ.....	1.0
5t.....	106MS-F-5t-YZ.....	1.5
10t.....	106MS-F-10t-YZ.....	2.6
1Kib.....	106MS-F-1Kib-YZ.....	1.0
2.5Kib.....	106MS-F-2.5Kib-YZ.....	1.0
5Kib.....	106MS-F-5Kib-YZ.....	1.0
10Kib.....	106MS-F-10Kib-YZ.....	1.5
20Kib.....	106MS-F-20Kib-YZ.....	2.6

WEIGH MODULE

Model	Page
106MHM1.....	161

*ATEX, FM, IECEx approved versions carry the "Ex" suffix.



Mounting hardware to be ordered separately.

DIMENSIONS

RATED CAPACITY	C	C1	C2	C3	H	H1	H2	H3	H4	W	W1
7.5-22.5	34.0	28.0	65.0	100.0	89.0	44.5	19.7	19.7	11.0	95.3	28.0
30	45.8	39.0	75.0	120.0	140.0	75.0	32.0	32.0	13.0	105.3	39.0
40	45.8	39.0	75.0	180.0	150.0	80.0	37.0	37.0	13.0	106.0	39.0
50	56.5	44.0	99.0	280.0	178.0	94.0	34.0	34.0	17.0	129.0	44.0
100	70.0	52.0	99.0	380.0	200.0	100.0	34.0	34.0	17.0	129.0	52.0
lb/inches (conversion of above dimensions)											
16.534 7-49.604.0	1.34	1.10	2.56	3.94	3.50	1.75	0.78	0.78	0.43	3.75	1.10
66.138.7	1.80	1.54	2.99	4.72	5.51	2.95	1.26	1.26	0.51	4.15	1.54
88.184.9	1.80	1.54	2.99	7.09	5.91	3.15	1.46	1.46	0.51	4.17	1.54
110.231.1	2.22	1.73	3.90	11.02	7.01	3.70	1.34	1.34	0.67	5.08	1.73
220.462.3	2.76	2.44	3.90	14.98	7.87	3.94	1.34	1.34	0.67	5.08	2.44

SPECIFICATIONS

Full Scale Output	2.0 mV/V ± 0.1%	Element Material	2Cr13 Stainless Steel
Zero Balance	± 0.02 mV/V	Recommended Excitation	10V (15V Maximum)
Non-linearity	Cap. ≤ 50t: < ± 0.023%	Insulation Resistance	> 2 (50V DC) | G Ω
	Cap. ≤ 100t: < ± 0.05%	Compensated Temperature Range	-10°C to 50°C / 14°F to 122°F
Repeatability	< ± 0.017%	Safe Overload	150% of full scale
Hysteresis Error	Cap. ≤ 50t: < ± 0.020%	Breaking Overload	300% of full scale
	Cap. ≤ 100t: < ± 0.05%	Seal Type / IP Rating	Welded Seal / IP68
Creep In 30 min.	< ± 0.003%	Cable Color Code	Exc-Red Exc-Black Sig-Green Sig-White Shield Bare
Input Resistance	1150Ω ± 50		
Output Resistance	1000Ω ± 2		

PART NUMBER*

Load Cell	Part No.	Weight Approx. (kg)
Rated Capacity		
7.5t	106RS-7.5t-YZ	1.5
15t	106RS-15t-YZ	1.5
22.5t	106RS-22.5t-YZ	1.5
30t	106RS-30t-YZ	4.2
40t	106RS-40t-YZ	3.9
50t	106RS-50t-YZ	5.2
100t	106RS-100t-YZ	6.2

*ATEX, FM, IECEx approved versions carry the "-Ex" suffix.

INTERCHANGEABLE REFERENCE

Brand	Model
Coti Global	CG-26S6
FAIRBANKS	LCF HR4020-2A(30t), part number 70510
FLINTEC	RC3*

*: Not included 100t

10t-50t: NTEP 1:10 000 Class IIIaL, Multiple Cell

10t-50t: OIML MAA C3, Y=16 000

For further available P/N's & specifications per NTEP/OIML classes, please contact us.

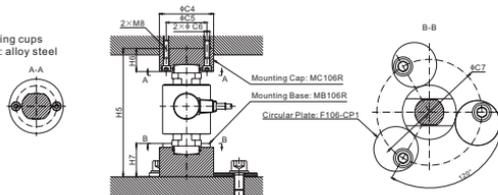
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Mounting Cups

Type A:

Material of mounting cups and circular plate: alloy steel



DIMENSIONS

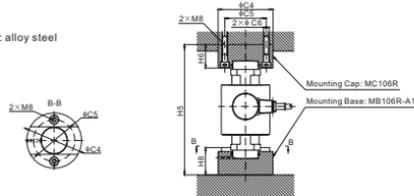
RATED CAPACITY	C4	C5	C6	C7	H5	H6	H7	Rated Capacity**	Part Number Mounting Cap*	Weight Approx. (Kg)	Part Number Mounting Base*	Weight Approx. (Kg)
t/mm												
30	85.0	64.0	9.0	165.0	200.0	36.0	52.0	30t	MC106RH-(30-40)t	1.4	MB106RH-30t	2.1
40	85.0	64.0	9.0	165.0	200.0	36.0	42.0	40t	MC106RH-50t	2.0	MB106RH-40t	1.6
50	90.0	70.0	9.0	170.0	240.0	45.0	55.0	50t	MC106RH-50t	2.0	MB106RH-50t	2.2
lb/inches (conversion of above dimensions)												
66.138.7	3.35	2.52	0.35	6.50	7.87	1.42	2.05					
88.184.9	3.35	2.52	0.35	6.50	7.87	1.42	1.65					
110.231.1	3.55	2.76	0.35	7.70	9.46	1.77	2.17					

* When ordering mounting hardware, each load cell needs 1 x cap, 1 x base, 3 x circular plates.
** Same circular plates for 30t, 40t, 50t. F106-CP1-H, self weight: 1.2 kg each (approx)

Mounting Cups

Type A1:

Material of mounting cups: alloy steel



DIMENSIONS

RATED CAPACITY	C4	C5	C6	H5	H6	H8	Rated Capacity	Part Number Mounting Cap*	Weight Approx. (Kg)	Part Number Mounting Base*	Weight Approx. (Kg)
t/mm											
30	85.0	64.0	9.0	200.0	36.0	52.0	30t	MC106RH-(30-40)t	1.4	MB106RH-30t-A1	2.1
40	85.0	64.0	9.0	200.0	36.0	42.0	40t	MC106RH-50t	2.0	MB106RH-40t-A1	1.6
50	90.0	70.0	9.0	240.0	45.0	55.0	50t	MC106RH-50t	2.0	MB106RH-50t-A1	2.2
lb/inches (conversion of above dimensions)											
66.138.7	3.35	2.52	0.35	7.87	1.42	2.05					
88.184.9	3.35	2.52	0.35	7.87	1.42	1.65					
110.231.1	3.55	2.76	0.35	9.46	1.77	2.17					

* When ordering mounting hardware, each load cell needs 1 x cap, 1 x base.

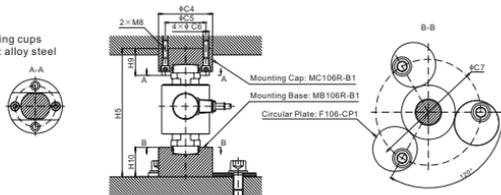
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Mounting Cups

Type B:

Material of mounting cups and circular plate: alloy steel



DIMENSIONS

RATED CAPACITY	C4	C5	C6	C7	H5	H9	H10
t/mm							
30	85.0	64.0	9.0	165.0	200.0	42.0	46.0
40	85.0	64.0	9.0	165.0	200.0	42.0	36.0
50	90.0	70.0	9.0	170.0	240.0	55.0	45.0

lb/inches (conversion of above dimensions)

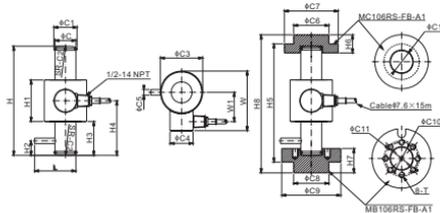
66.133.7	3.35	2.52	0.35	6.50	7.87	1.65	1.81
88.184.9	3.35	2.52	0.35	6.50	7.87	1.65	1.42
110.231.1	3.55	2.76	0.35	7.70	9.46	2.17	1.77

Rated Capacity**	Part Number Mounting Cap ¹	Weight Approx. (Kg)	Part Number Mounting Base ²	Weight Approx. (Kg)
30t	MC106RH-30-40x-B1	1.4	MB106RH-30x-B1	2.1
40t			MB106RH-40x-B1	1.6
50t	MC106RH-50x-B1	2.0	MB106RH-50x-B1	2.2

* When ordering mounting hardware, each load cell needs 1 x cap, 1 x base, 3 x circular plates.

** Same circular plates for 30t, 40t, 50t. F106-CP1-H, self weight: 1.2 kg each (approx)

Stainless Steel



Mounting hardware to be ordered separately.

DIMENSIONS

RATED CAPACITY	C	C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	H	H1	H2	H3	H4	H5	H6	H7	H8	L	W	W1	T				
Klb/inches	1.46	1.57	5.91	2.95	1.61	0.38	2.46	3.75	2.46	4.13	1.57	5.91	7.56	2.87	1.00	2.34	3.78	8.18	1.25	1.69	9.56	2.88	4.13	2.03	M10X1	Depth 15			
kn/inches	250	1.46	1.57	5.91	2.95	1.61	0.38	2.46	3.75	2.46	4.13	1.57	5.91	7.56	2.87	1.00	2.34	3.78	8.18	1.25	1.69	9.56	2.88	4.13	2.03	M10X1	Depth 15		
t/mm (conversion of above dimensions)	LE22.7	25.4	25.5	37.1	40.0	150.1	75.0	41.0	9.7	62.5	9.3	62.5	104.9	0.0	150.1	192.0	73.0	25.4	59.5	96.0	207.8	31.8	42.9	242.7	73.1	105.0	51.5	M10X1	Depth 15

SPECIFICATIONS

Full Scale Output	LES0Kib: 1.8 mV/V ± 0.1% 250kN & 56Kib: 2.0 mV/V ± 0.1%	Recommended Excitation	10V (15V Maximum)
Zero Balance	± 0.02 mV/V	Insulation Resistance	> 2 | 50V DC | Ω
Non-linearity	< ± 0.030%	Compensated Temperature Range	-10°C to 50°C / 14°F to 122°F
Repeatability	< ± 0.010%	Safe Overload	150% of full scale
Hysteresis Error	< ± 0.020%	Breaking Overload	300% of full scale
Creep in 30 min.	< ± 0.020%	Seal Type / IP Rating	Welded Seal / IP68
Input Resistance	1080Ω ± 10	Cable Color Code	Exc+ Red Exc- Black Sig+ Green Sig- White Shield Bare
Output Resistance	1000Ω ± 5		
Element Material	2Cr13 Stainless Steel		

PART NUMBER*

Rated Capacity	Part No.	Weight Approx. (kg)
LES0Kib	106RS-FB-LES0Kib-YZ	3.5
250kN	106RS-FB-250kN-YZ	3.5
56Kib	106RS-FB20-56Kib-YZ	3.5

Mounting Hardware

Mounting Hardware	Part No.	Weight Approx. (kg)
Mounting Cap	MC106RS-FB-A1	1.1
Mounting Base	MB106RS-FB-A1	1.9

*ATEX, FM, IECEx approved versions carry the "Ex" suffix.



NTEP 1:10 000 Class III, Multiple Cell



OIML MAA C3, Y=16 000

For further available PIN's & specifications per NTEP/OIML classes, please contact us.

INTERCHANGEABLE REFERENCE

Brand	Model
106RS-FB-LES0Kib-YZ	
Coti Global	CG-26S1 50K Ie
Fairbanks	LCFHR4020-2, Part# 64166
Rice Lake	RL75114
106RS-FB20-56Kib-YZ	
Coti Global	CG-26S2 56K
Fairbanks	LCFHR4020-19
Flintec	RC1

Stainless Steel

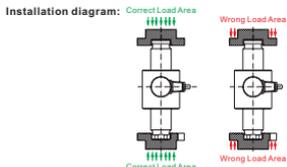
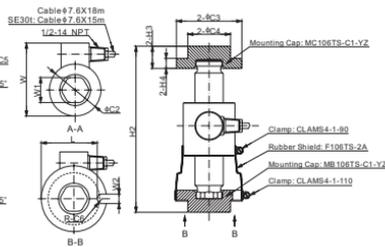


MB106TS-C1-YZ F106TS-2A

MC106TS-C1-YZ



Mounting hardware to be ordered separately.



RATED CAPACITY	DIMENSIONS														
	C1	C2	C3	C4	C5	C6	H	H1	H2	H3	H4	L	W	W1	W2
Kib/inches															
50-100	1.48	2.95	3.74	2.44	11.02	0.27	7.88	2.43	9.41	1.25	0.56	3.21	4.13	1.41	0.53
mm															
30	37.7	75.0	95.0	62.0	280.0	6.75	200.0	61.7	239.0	31.8	14.3	81.5	105.0	35.7	13.5
SE30	37.7	75.0	95.0	62.0	160.0	6.75	150.0	37.0	189.0	31.8	14.3	81.5	105.0	35.7	13.5
SE50	37.7	75.0	95.0	62.0	305.0	6.75	150.0	37.0	189.0	31.8	14.3	81.5	105.0	35.7	13.5

SPECIFICATIONS

Full Scale Output	2.0 mV/V ± 0.1%	Recommended Excitation	10V (15V Maximum)
Zero Balance	± 0.02 mV/V	Insulation Resistance	> 2,150 Ω/C 1 Ω/C
Non-linearity	< ± 0.030%	Compensated Temperature Range	-10°C to 50°C / 14°F to 122°F
Repeatability	< ± 0.017%	Safe Overload	150% of full scale
Hysteresis Error	< ± 0.017%	Breaking Overload	300% of full scale
Creep in 30 min.	< ± 0.020%	Seal Type / IP Rating	Welded Seal / IP68
Input Resistance	1180 Ω ± 80	Cable Color Code	Exc+ Red Exc- Black Sig+ Green Sig- White Shield Bare
Output Resistance	1000 Ω ± 5		
Element Material	2Cr13 Stainless Steel		

PART NUMBER*		
Load Cell	Part No.	Weight Approx. (kg)
Rated Capacity		
50Kib	106TS-50Kib-YZ	4.2
100Kib	106TS-100Kib-YZ	4.4
30i	106TS-30i-YZ	5.8
SE30i	106TS-SE30i-YZ	3.7
SE50i	106TS-SE50i-YZ	3.5

Rated Capacity	Part Number	INTERCHANGEABLE REFERENCE	
		Coti-Global	Mettler-Toledo
50Kib	106TS-50Kib-YZ		Powercell 760/MTX*
100Kib	106TS-100Kib-YZ		Powercell 760/MTX*
30i	106TS-30i-YZ	CG-26S7-30i-797	Powercell 760/MTX*
SE30i	106TS-SE30i-YZ	CG-26S7-30i	0782, 30i
SE50i	106TS-SE50i-YZ	CG-26S7-50i	0782, 50i

* Powercell 760 and MTX are digital load cells.
 NTEP 1:10 000 Class IIIIL, Multiple Cell
 OIML MAA C3, Y=16 000
 For further available P/N's & specifications per NTEP/OIML classes, please contact us.

* Mounting kits 106TS-PARTS-C1 include 1 mounting cap (MC106TS-C1-YZ), 1 x mounting base (MB106TS-C1-YZ), 1 x rubber shield (F106TS-2A), 2 clamps (1 x CLAMS4-1-90, 1 x CLAMS4-1-110)

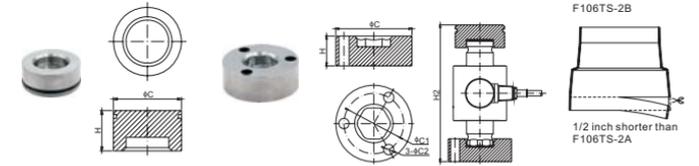
For applications that need to replace Mettler Toledo Powercell PDX (SLC820) 30t or 50t, you have options too: Order mounting variation A or B with 106TS-SE30i-YZ or 106TS-SE50i-YZ.

Mounting variation A:

Mounting Cap: MC106TS-A1-YZ

Mounting Base: MB106TS-A1-YZ

Rubber shield: F106TS-2B



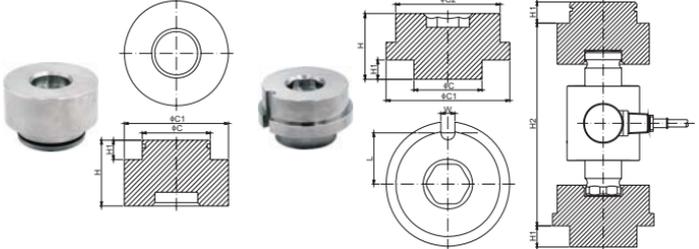
PART NUMBER	RATED CAPACITY	DIMENSIONS							
		C	C1	C2	H	H1	H2	L	W
		t/mm							
MC106TS-A1-YZ	30	69.3	-	-	31.8	-	190.6	-	-
MB106TS-A1-YZ	30	88.9	69.9	12.7	31.8	-	190.6	-	-
		Kib/inches (conversion of above dimensions)							
MC106TS-A1-YZ	66.14	2.73	-	-	1.25	-	7.5	-	-
MB106TS-A1-YZ	66.14	3.50	2.75	0.50	1.25	-	7.5	-	-

Mounting kits: 106TS-PARTS-A1: Include 1 x mounting cap (MC106TS-A1-YZ), 1 x mounting base (MB106TS-A1-YZ), 1 x rubber shield (F106TS-2B), 2 x clamps (1 x CLAMS4-1-90, 1 x CLAMS4-1-110)

Mounting variation B:

Mounting Cap: MC106TS-B1-YZ

Mounting Base: MB106TS-B1-YZ

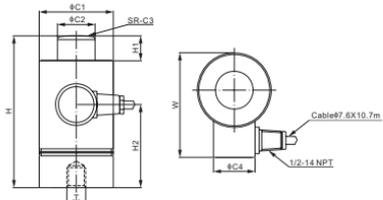


PART NUMBER	RATED CAPACITY	DIMENSIONS							
		C	C1	C2	H	H1	H2	L	W
		t/mm							
MC106TS-B1-YZ	30	69.3	95.3	-	63.5	21.8	207.9	-	-
MB106TS-B1-YZ	30	69.3	104.9	95.3	63.5	21.8	207.9	46.2	12.7
		Kib/inches (conversion of above dimensions)							
MC106TS-B1-YZ	66.14	2.73	3.75	-	2.50	0.86	8.19	-	-
MB106TS-B1-YZ	66.14	2.73	4.13	3.75	2.50	0.86	8.19	1.82	0.50

Mounting kits: 106TS-PARTS-B1: Include 1 x mounting cap (MC106TS-B1-YZ), 1 x mounting base (MB106TS-B1-YZ), 1 x rubber shield (F106TS-2B), 2 x clamps (1 x CLAMS4-1-90, 1 x CLAMS4-1-110)

106PS; 106PS20

Stainless Steel



DIMENSIONS										
RATED CAPACITY	C1	C2	C3	C4	H	H1	H2	W	T	
Kilb/inches										
50	2.95	1.50	6.00	1.65	6.00	0.98	3.28	4.13	3/4-16 UNF Depth0.59	
100	3.94	1.75	12.00	1.65	8.50	1.10	4.76	5.12	3/4-16 UNF Depth0.59	
kg/mm (conversion of above dimensions)										
22.6794	75	38.1	152.4	42	215.2	25	83.4	105	3/4-16 UNF Depth15	
45.3592	100	44.5	304.8	42	215.2	28	121	130	3/4-16 UNF Depth15	

SPECIFICATIONS			
Full Scale Output	106PS: 3.0 mV/V ± 0.1%	Recommended Excitation	10V (15V Maximum)
	106PS20: 2.0 mV/V ± 0.1%	Insulation Resistance	>2 (50V DC) G/G
Zero Balance	± 0.02 mV/V	Compensated Temperature Range	-10°C to 50°C / 14°F to 122°F
Non-linearity	< ± 0.030%	Safe Overload	150% of full scale
Repeatability	< ± 0.017%	Breaking Overload	300% of full scale
Hysteresis Error	< ± 0.017%	Seal Type / IP Rating	Welded Seal / IP68
Creep in 30 min.	< ± 0.030%	Cable Color Code	Exc+ Red Exc- Black Sig+ Green Sig- White Shield Bare
Input Resistance	350Ω ± 3%		
Output Resistance	350Ω ± 3%		
Element Material	Zr13 Stainless Steel		

PART NUMBER*

Rated Capacity	Part No.	Weight Approx. (kg)
50Kilb.....	106PS-50Kilb-YZ.....	3.8
100Kilb.....	106PS20-50Kilb-YZ.....	3.8
100Kilb.....	106PS-100Kilb-YZ.....	7.1
100Kilb.....	106PS20-100Kilb-YZ.....	7.1

*ATEX, FM, IECEx approved versions carry the "-Ex" suffix.

INTERCHANGEABLE REFERENCE

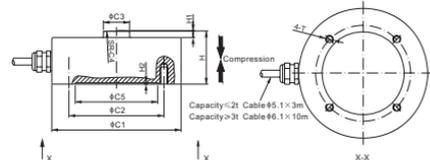
Brand	Model
106PS	
Cott Global.....	CG-93
Vishay Revere Transducers.....	93
106PS20	
Cott Global.....	CG-92
Vishay Revere Transducers.....	92

ANYLOAD

ANYLOAD

266AA; 266AH

Aluminum / Alloy Steel; Patent Design



Mounting hardware to be ordered separately.

DIMENSIONS										
RATED CAPACITY	C1	C2	C3	C4	C5	H	H1	H2	T	
266AA										
kg/mm										
23-30	62.0	55.0	12.0	50.0	36.0	22.0	4.0	1.0	M5 Depth 7.0	
lb/inches (conversion of above dimensions)										
55.12-110.23	2.44	2.17	0.47	1.97	1.42	0.87	0.16	0.04	M5 Depth0.28	
266AH										
kg/mm										
100-2,000	62.0	55.0	12.0	50.0	36.0	22.0	4.0	1.0	M5 Depth 7.0	
3,000-5,000	98.0	72.0	20.0	150.0	62.4	40.0	5.0	1.0	M6 Depth13.0	
10,000	98.0	72.0	20.0	150.0	62.4	45.0	5.0	1.0	M6 Depth13.0	
20,000	118.0	90.0	20.0	250.0	62.4	50.0	5.0	1.0	M8 Depth15.0	
30,000	138.0	115.0	20.0	250.0	62.4	73.0	8.0	1.0	M10 Depth15.0	
lb/inches (conversion of above dimensions)										
220.5-4,409.2	2.44	2.17	0.47	1.97	1.42	0.87	0.16	0.04	M5 Depth0.28	
6,513.9-11,023.1	3.86	2.83	0.79	5.91	2.46	1.57	0.20	0.04	M6 Depth 0.51	
22,048.2	3.86	2.83	0.79	5.91	2.46	1.77	0.20	0.04	M6 Depth0.51	
44,092.5	4.65	3.54	0.79	9.84	2.46	1.97	0.20	0.04	M8 Depth0.59	
66,138.7	5.43	4.53	0.79	9.84	2.46	2.87	0.31	0.04	M10 Depth0.59	

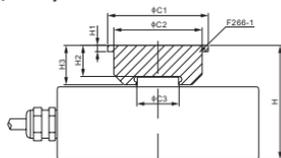
SPECIFICATIONS			
Full Scale Output	2.0 mV/V ± 1%	Recommended Excitation	10V (15V Maximum)
	< ± 0.04 mV/V	Insulation Resistance	>2 (50V DC) G/G
Zero Balance		Compensated Temperature Range	-10°C to 50°C / 14°F to 122°F
Non-linearity	Cap. <2t: < ± 0.2%; Cap. >3t: < ± 0.05%	Safe Overload	150% of full scale
Repeatability	Cap. <2t: < ± 0.03%; Cap. >3t: < ± 0.05%	Breaking Overload	300% of full scale
Hysteresis Error	Cap. <2t: < ± 0.1%; Cap. >3t: < ± 0.05%	Seal Type / IP Rating	266AA: Environmentally Sealed / IP68 266AH: Welded Seal / IP67
Creep in 30 min.	Cap. <2t: < ± 0.1%; Cap. >3t: < ± 0.05%	Cable Color Code	Exc+ Red Exc- Black Sig+ Green Sig- White Shield Bare
Input Resistance	Cap. <2t: 400Ω ± 20%; Cap. >3t: 770Ω ± 30		
Output Resistance	Cap. <2t: 350Ω ± 3%; Cap. >3t: 700Ω ± 5		
Element Material	Aluminum, Clear Anodized Alloy Steel, Nickel Plated		

PART NUMBER*

Rated Capacity	Part No.	Weight Approx. (kg)
25kg.....	266AA-25kg.....	0.3
50kg.....	266AA-50kg.....	0.3
100kg.....	266AA-100kg.....	0.5
200kg.....	266AA-200kg.....	0.5
300kg.....	266AA-300kg.....	0.5
500kg.....	266AH-500kg.....	0.5
1t.....	266AH-1t.....	0.5
3t.....	266AH-3t.....	0.5
5t.....	266AH-5t.....	2.4
10t.....	266AH-10t.....	2.4
20t.....	266AH-20t.....	4.2
30t.....	266AH-30t.....	8.3

*ATEX, FM, IECEx approved versions carry the "-Ex" suffix.

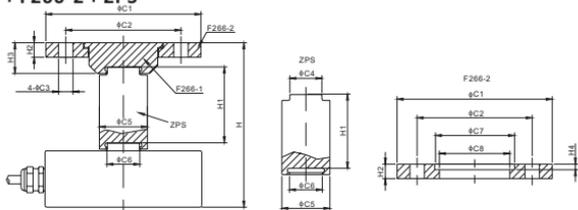
Mounting Variation 1, Alloy Steel
F266-1



DIMENSIONS

PART NUMBER	LOAD CELL CAPACITY	DIMENSIONS							Weight Approx. (kg)
		C1	C2	C3	H	H1	H2	H3	
kg/mm									
F266-1B	25-2,000	41.0	35.0	13.8	35.1	3.0	13.1	16.0	0.12
F266-1C	3,000-5,000	49.0	43.0	20.5	55.1	3.0	15.1	19.0	0.20
F266-1D	10,000	49.0	43.0	20.5	60.1	3.0	15.1	19.0	0.20
F266-1E	20,000	60.0	54.0	21.0	70.1	3.0	20.1	24.0	0.41
F266-1F	30,000	60.0	54.0	20.5	83.1	3.0	20.1	24.0	0.41
lb/inches (conversion of above dimensions)									
F266-1B	55.1-4,409.2	1.61	1.38	0.54	1.38	0.12	0.52	0.63	0.12
F266-1C	6,613.9-11,023.1	1.93	1.69	0.81	2.17	0.12	0.59	0.75	0.20
F266-1D	22,046.2	1.93	1.69	0.81	2.37	0.12	0.59	0.75	0.20
F266-1E	44,092.5	2.36	2.13	0.83	2.76	0.12	0.79	0.95	0.41
F266-1F	66,138.7	2.36	2.13	0.81	3.67	0.12	0.79	0.95	0.41

Mounting Variation 2
F266-1 + F266-2 + ZPS



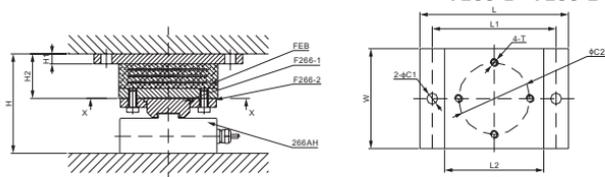
DIMENSIONS

LOAD CELL CAPACITY	DIMENSIONS												
	C1	C2	C3	C4	C5	C6	C7	C8	H	H1	H2	H3	H4
kg/mm													
25-2,000	81.0	60.0	9.0	13.0	26.0	12.5	42.0	36.0	81.1	46.0	7.0	16.0	3.5
3,000-5,000	97.0	72.0	11.0	20.0	32.0	20.5	50.0	44.0	111.1	56.0	9.0	19.0	3.5
10,000	97.0	72.0	11.0	20.0	32.0	20.5	50.0	44.0	116.1	56.0	9.0	19.0	3.5
20,000	115.0	90.0	13.0	20.0	36.0	20.5	61.0	55.0	134.6	64.5	10.0	24.0	3.5
30,000	115.0	90.0	13.0	20.0	36.0	20.5	61.0	55.0	157.6	64.5	10.0	24.0	3.5
lb/inches (conversion of above dimensions)													
55.1-4,409.2	3.19	2.36	0.35	0.51	1.02	0.49	1.65	1.42	3.19	1.81	0.28	0.63	0.14
6,613.9-11,023.1	3.82	2.83	0.43	0.79	1.26	0.81	1.97	1.73	4.37	2.20	0.35	0.75	0.14
22,046.2	3.82	2.83	0.43	0.79	1.26	0.81	1.97	1.73	4.57	2.20	0.35	0.75	0.14
44,092.5	4.53	3.54	0.51	0.79	1.42	0.81	2.40	2.17	5.30	2.54	0.39	0.95	0.14
66,138.7	4.53	3.54	0.51	0.79	1.42	0.81	2.40	2.17	6.21	2.54	0.39	0.95	0.14

PART NUMBER

Load Cell Capacity	F266-1 Part No.	F266-2 Part No.	ZPS Part No.
25kg-2t	.....F266-1B	.....F266-2B	.....ZPS-B
3t; 5t; 10t	.....F266-1C	.....F266-2C	.....ZPS-C
20t; 30t	.....F266-1D	.....F266-2D	.....ZPS-D

Mounting Variation 3
F266-1 + F266-2 + FEB



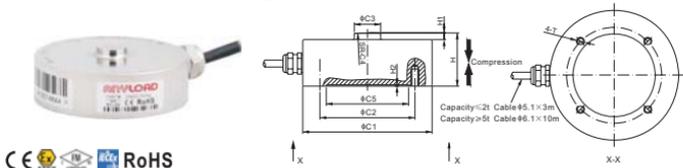
DIMENSIONS

LOAD CELL CAPACITY	DIMENSIONS										
	C1	C2	H	H1	H2	L	L1	L2	W	T	
kg/mm											
25-2,000	9.0	60.0	81.1	8.0	46.0	150.0	125.0	100.0	90.0	M8	
3,000-5,000	11.0	72.0	99.6	10.0	44.5	180.0	150.0	120.0	120.0	M10	
10,000	11.0	72.0	104.6	10.0	44.5	180.0	150.0	120.0	120.0	M10	
20,000	13.0	90.0	120.1	12.0	50.0	270.0	240.0	200.0	200.0	M12	
30,000	13.0	90.0	143.1	12.0	50.0	270.0	240.0	200.0	200.0	M12	
lb/inches (conversion of above dimensions)											
55.1-4,409.2	0.35	2.36	3.19	0.31	1.81	5.91	4.93	3.94	3.55	M8	
6,613.9-11,023.1	0.43	2.84	3.92	0.39	1.75	7.09	5.91	4.73	4.73	M10	
22,046.2	0.43	2.84	4.12	0.39	1.75	7.09	5.91	4.73	4.73	M10	
44,092.5	0.51	3.55	4.73	0.47	1.97	10.64	8.46	7.88	7.88	M12	
66,138.7	0.51	3.55	5.64	0.47	1.97	10.64	8.46	7.88	7.88	M12	

PART NUMBER			PART NUMBER		
Load Cell Capacity	F266-1* Part No.	F266-2* Part No.	Load Cell Capacity	FEB* Part No.	Weight (kg) Approx.
25kg-2t	.....F266-1B	.....F266-2B	25kg-2t	.....FEB-B	2.3
3t; 5t; 10t	.....F266-1C	.....F266-2C	3t; 5t; 10t	.....FEB-C	-
20t; 30t	.....F266-1D	.....F266-2D	20t; 30t	.....FEB-D	-

* Neither F266-1 nor F266-2 includes the bolts, the bolts need to be ordered separately, FEB includes 4 bolts that match the hole size (T on the drawing).

Stainless Steel; Patent Design



CE RoHS

DIMENSIONS

RATED CAPACITY	C1	C2	C3	C4	C5	H	H1	H2	T
kg/mm									
100-2.000	62.0	55.0	12.0	30.0	38.0	22.0	4.0	1.0	M5 Depth:7.0
5.000	98.0	72.0	20.0	150.0	82.4	40.0	5.0	1.0	M6 Depth:13.0
10.000	98.0	72.0	20.0	150.0	82.4	45.0	5.0	1.0	M6 Depth:13.0
20.000	118.0	90.0	25.0	250.0	82.4	52.0	7.0	1.0	M6 Depth:15.0
30.000	138.0	115.0	25.0	250.0	82.4	73.0	8.0	1.0	M10 Depth:15.0
lb/inches (conversion of above dimensions)									
220.5-4.409.2	2.44	2.17	0.47	1.97	1.42	0.87	0.16	0.04	M5 Depth:0.28
11.023.1	3.86	2.83	0.79	5.91	2.46	1.57	0.20	0.04	M6 Depth:0.51
22.046.2	3.86	2.83	0.79	5.91	2.46	1.77	0.20	0.04	M6 Depth:0.51
44.092.5	4.65	3.54	0.98	9.84	2.46	2.05	0.28	0.04	M8 Depth:0.59
66.138.7	5.43	4.53	0.98	9.84	2.46	2.87	0.31	0.04	M10 Depth:0.59

SPECIFICATIONS

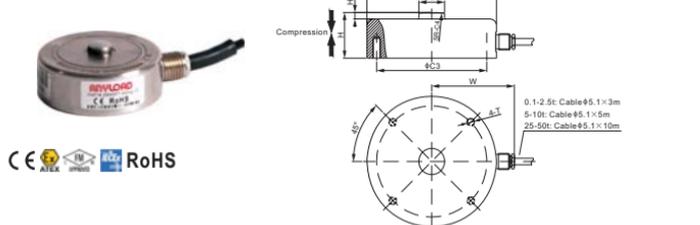
Full Scale Output	2.0 mV/V ± 1%	Recommended Excitation	10V (15V Maximum)
Zero Balance	± 0.04 mV/V	Insulation Resistance	> 2 [50V DC] GΩ
Non-linearity	Cap. ≤ 2t: ± 0.2%; Cap. ≥ 5t: ± 0.05%	Compensated Temperature Range	-10°C to 50°C / 14°F to 122°F
Repeatability	Cap. ≤ 2t: ± 0.03%; Cap. ≥ 5t: ± 0.03%	Safe Overload	150% of full scale
Hysteresis Error	Cap. ≤ 2t: ± 0.1%; Cap. ≥ 5t: ± 0.05%	Breaking Overload	300% of full scale
Creep In 30 min.	Cap. ≤ 2t: ± 0.1%; Cap. ≥ 5t: ± 0.05%	Seal Type / IP Rating	Welded Seal / IP68
Input Resistance	Cap. ≤ 2t: 400Ω ± 20; Cap. ≥ 5t: 770Ω ± 30	Cable Color Code	Exc+ Red Exc- Black Sig+ Green Sig- White
Output Resistance	Cap. ≤ 2t: 350Ω ± 3; Cap. ≥ 5t: 700Ω ± 5	Shield Bare	
Element Material	17-4PH Stainless Steel		

PART NUMBER*

Rated Capacity	Part No.	Weight Approx. (kg)
100kg	266AS-100kg	0.5
200kg	266AS-200kg	0.5
250kg	266AS-250kg	0.5
500kg	266AS-500kg	0.5
1l	266AS-1l	0.5
2l	266AS-2l	0.5
5t	266AS-5t	2.4
10t	266AS-10t	2.7
20t	266AS-20t	4.2
30t	266AS-30t	8.3

*ATEX, FM, IECEx approved versions carry the "-Ex" suffix.

Stainless Steel



CE RoHS

DIMENSIONS

RATED CAPACITY	C1	C2	C3	C4	H	H1	W	T
mm								
0.1-1	52.0	10.0	44.0	30.0	22.0	4.0	41.0	M5 Depth:12
2.5	52.0	10.0	44.0	30.0	25.0	4.0	41.0	M5 Depth:12
5	100.0	20.0	85.0	120.0	30.0	5.0	85.0	M6 Depth:15
10	100.0	20.0	85.0	120.0	35.0	5.0	85.0	M6 Depth:15
25	115.0	32.0	90.0	150.0	50.0	10.0	75.0	M12 Depth:25
50	155.0	45.0	130.0	180.0	55.0	12.0	95.0	M12 Depth:25
lb/inches (conversion of above dimensions)								
0.12-2.2	2.05	0.39	1.73	1.18	0.87	0.16	1.61	M5 Depth:0.47
5.5	2.05	0.39	1.73	1.18	0.98	0.16	1.61	M5 Depth:0.47
11	3.94	0.79	3.35	4.72	1.18	0.20	2.56	M6 Depth:0.59
22	3.94	0.79	3.35	4.72	1.38	0.20	2.56	M6 Depth:0.59
55	4.53	1.26	3.54	5.91	1.97	0.39	2.95	M12 Depth:0.98
110	6.10	1.77	5.12	7.09	2.17	0.47	3.74	M12 Depth:0.98

SPECIFICATIONS

Full Scale Output	2.0 mV/V ± 1%	Recommended Excitation	10V (15V Maximum)
Zero Balance	± 0.04 mV/V	Insulation Resistance	> 2 [50V DC] GΩ
Non-linearity	± 0.050%	Compensated Temperature Range	-10°C to 50°C / 14°F to 122°F
Repeatability	± 0.030%	Safe Overload	150% of full scale
Hysteresis Error	± 0.070%	Breaking Overload	300% of full scale
Creep In 30 min.	± 0.050%	Seal Type / IP Rating	Welded Seal / IP68
Input Resistance	415Ω ± 15	Cable Color Code	Exc+ Red Exc- Black Sig+ Green Sig- White
Output Resistance	350Ω ± 3	Shield Bare	
Element Material	2Cr13 Stainless Steel		

PART NUMBER*

Rated Capacity	Part No.	Weight Approx. (kg)
100kg	266ASPT-100kg-YZ	-
250kg	266ASPT-250kg-YZ	-
500kg	266ASPT-500kg-YZ	-
1l	266ASPT-1l-YZ	-
2.5l	266ASPT-2.5l-YZ	-
5t	266ASPT-5t-YZ	1.7
10t	266ASPT-10t-YZ	1.9
25t	266ASPT-25t-YZ	-
50t	266ASPT-50t-YZ	-

*ATEX, FM, IECEx approved versions carry the "-Ex" suffix.

INTERCHANGEABLE REFERENCE

Brand	Model
PT Global	LPX

276EH

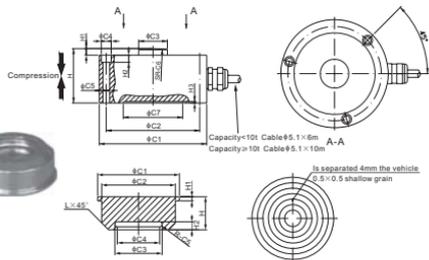
ANYLOAD

Alloy Steel, Patent Design, Mounting Hardware For 276EH Load Cell

F266-1



CE RoHS
Mounting hardware included.



DIMENSIONS

RATED CAPACITY	C1	C2	C3	C4	C5	C6	C7	H	H1	H2	H3
t/mm											
5	60.0	52.0	9.5	6.0	3.2	30.0	42.0	24.0	4.0	3.0	0.8
10	63.6	55.0	13.5	7.2	4.2	100.0	44.0	26.0	4.0	5.0	0.8
25	75.9	66.0	20.3	7.0	4.8	150.0	54.0	38.1	4.6	5.0	1.0
50	105.0	90.0	30.0	11.0	6.5	250.0	76.0	53.0	7.0	7.0	1.0
100	132.0	99.0	43.0	15.0	10.5	350.0	74.0	95.0	15.0	12.0	1.0

lb/inches (conversion of above dimensions)

11.0231	2.36	2.05	0.37	0.24	0.13	1.18	1.65	0.94	0.16	0.11	0.03
22.0462	2.50	2.17	0.53	0.28	0.17	3.94	1.73	1.62	0.16	0.20	0.03
55.1156	2.89	2.60	0.80	0.28	0.18	5.91	2.13	1.50	0.18	0.20	0.04
110.2311	4.13	3.54	1.18	0.43	0.28	9.84	2.99	2.09	0.28	0.28	0.04
220.4623	4.84	3.86	1.69	0.59	0.41	14.96	2.92	3.74	0.59	0.47	0.04

PART NUMBER	LOAD CELL CAPACITY	C1	C2	C3	C4	C5	H	H1	H2	L	Weight Approx. (kg)
F266-1A	5	33.0	27.0	12.0	10.0	1.0	13.0	3.0	2.9	3.0	0.06
F266-1B	10	41.0	35.0	16.0	14.0	1.0	16.0	3.0	2.9	4.0	0.12
F266-1C	25	49.0	43.0	23.8	21.0	1.4	19.0	3.0	2.9	5.0	0.20
F266-1E	50	72.0	66.0	34.6	31.0	1.8	36.0	3.0	5.7	5.0	-
F266-1F	100	80.0	74.0	55.0	45.0	5.0	50.0	3.0	12.4	7.0	-

lb/inches (conversion of above dimensions)

F266-1A	11.0231	1.30	1.06	0.47	0.39	0.04	0.51	0.12	0.11	0.12	0.06
F266-1B	22.0462	1.61	1.38	0.63	0.55	0.04	0.63	0.12	0.11	0.16	0.12
F266-1C	55.1156	1.93	1.69	0.94	0.83	0.06	0.75	0.12	0.15	0.20	0.20
F266-1E	110.2311	2.83	2.60	1.36	1.22	0.07	1.42	0.12	0.22	0.20	-
F266-1F	220.4623	3.15	2.91	2.17	1.77	0.20	1.97	0.12	0.49	0.28	-

SPECIFICATIONS

Full Scale Output	2.5 mV/V ± 0.1%	Recommended Excitation	10V (15V Maximum)
Zero Balance	± 0.02 mV/V	Insulation Resistance	> 2 [50V DC] GΩ
Non-linearity	Cap. < 50t: < ± 0.32%; Cap. ≥ 100t: < ± 1%	Compensated Temperature Range	-10°C to 50°C / 14°F to 122°F
Repeatability	Cap. < 50t: < ± 0.050%; Cap. ≥ 100t: < ± 0.2%	Safe Overload	150% of full scale
Hysteresis Error	Cap. < 50t: < ± 0.32%; Cap. ≥ 100t: < ± 2%	Breaking Overload	300% of full scale
Creep in 30 min.	Cap. < 50t: < ± 0.10%; Cap. ≥ 100t: < ± 0.1%	Seal Type / IP Rating	Environmentally Sealed / IP67
Input Resistance	400Ω ± 20	Cable Color Code	Exc+ Red Exc- Black Sig+ Green Sig- White Shield Bare
Output Resistance	350Ω ± 3		
Element Material	Alloy Steel, Nickel Plated		

PART NUMBER*

Rated Capacity	Part No.	Weight Approx. (kg)
5t	276EH-5t	0.6
10t	276EH-10t	0.9
25t	276EH-25t	1.8
50t	276EH-50t	4.2
100t	276EH-100t	8.7

WEIGH MODULE

Model	Page
276EHM1	163

*ATEX, FM, IECEx approved versions carry the "-Ex" suffix.

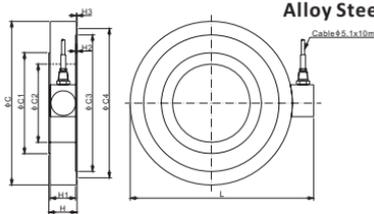
ANYLOAD

363HHAN

Alloy Steel



CE RoHS



DIMENSIONS

RATED CAPACITY	C	C1	C2	C3	C4	H	H1	H2	H3	L
t/mm										
50	230	142	110	192	210	40.0	38.0	2.0	1.0	260
lb/inches (conversion of above dimensions)	9.06	5.59	4.33	7.56	8.27	1.58	1.50	0.08	0.04	10.24

SPECIFICATIONS

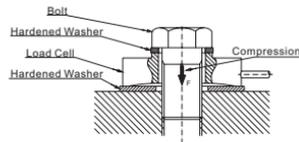
Full Scale Output	2.0 mV/V ± 0.25%	Recommended Excitation	10V (15V Maximum)
Zero Balance	± 0.02 mV/V	Insulation Resistance	> 2 [50V DC] GΩ
Non-linearity	< ± 0.8%	Compensated Temperature Range	-10°C to 50°C / 14°F to 122°F
Repeatability	< ± 0.03%	Safe Overload	150% of full scale
Hysteresis Error	< ± 0.3%	Breaking Overload	300% of full scale
Creep in 30 min.	< ± 0.1%	Seal Type / IP Rating	Welded Seal / IP67
Input Resistance	770Ω ± 30	Cable Color Code	Exc+ Red Exc- Black Sig+ Green Sig- White Shield Bare
Output Resistance	700Ω ± 5		
Element Material	Alloy Steel		

PART NUMBER*

Rated Capacity	Part No.	Weight Approx. (kg)
60t	363HHAN-60t-10m	9.6

*ATEX, FM, IECEx approved versions carry the "-Ex" suffix.

APPLICATION EXAMPLES



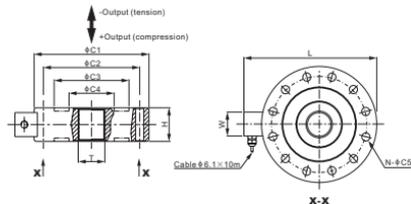
AVAILABLE OPTION

Stainless steel element: 363H3AN



CE ATEX RoHS

Mounting hardware to be ordered separately.



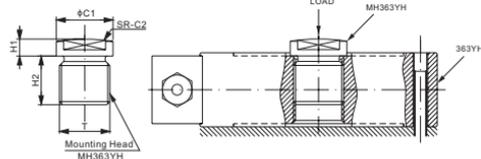
RATED CAPACITY	DIMENSIONS									
	C1	C2	C3	C4	C5	N	H	L	W	T
t/mm										
1-5	113.0	97.0	81.0	37.0	7	8	35.0	145.4	32.0	M24X2
10-20	155.0	130.0	109.0	56.0	11	12	45.0	189.0	32.0	M36X2
30	180.0	150.0	125.0	75.0	13	12	58.0	212.6	32.0	M42X2
50	205.0	165.0	125.0	75.0	13	16	64.0	237.9	32.0	M42X2
100	250.0	228.0	182.0	118.0	17	16	90.0	322.7	48.0	M70X3
150-200	298.0	258.0	223.0	133.0	22	16	100.0	358.7	48.0	M90X3
300	346.0	282.0	242.0	174.0	26	16	180.0	388.6	48.0	M120X3
lb/inches (conversion of above dimensions)										
2.2046-11.0231	4.45	3.82	3.19	1.48	0.28	8	1.39	5.72	1.26	M24X2
22.0462-44.0925	6.10	5.12	4.17	2.20	0.43	12	1.77	7.44	1.26	M36X2
86.1387	7.09	5.91	4.92	2.95	0.51	12	2.28	8.37	1.26	M42X2
110.2311	8.07	6.90	4.92	2.95	0.51	16	2.52	9.37	1.26	M42X2
220.4623	11.02	8.98	7.17	4.85	0.87	16	3.54	12.70	1.89	M70X3
330.6934-440.9245	11.65	10.08	8.78	5.24	0.87	16	4.72	13.33	1.89	M90X3
661.3868	13.62	11.10	9.53	6.85	1.02	16	7.09	15.30	1.89	M120X3

SPECIFICATIONS			
Full Scale Output	2.0 mV/V ± 1%	Recommended Excitation	10V (15V Maximum)
Zero Balance	± 0.02 mV/V	Insulation Resistance	> 1 50V DC / GG
Non-linearity	Cap. < 5t: < ± 0.050%; Cap. ≥ 10t: < ± 0.30%	Compensated Temperature Range	-10°C to 50°C / 14°F to 122°F
Repeatability	Cap. < 5t: < ± 0.030%; Cap. ≥ 10t: < ± 0.20%	Safe Overload	150% of full scale
Hysteresis Error	Cap. < 5t: < ± 0.050%; Cap. ≥ 10t: < ± 0.30%	Breaking Overload	300% of full scale
Creep in 30 min.	Cap. < 5t: < ± 0.050%; Cap. ≥ 10t: < ± 0.30%	Seal Type / IP Rating	Welded Seal / IP67
Input Resistance	770 Ω ± 30	Cable Color Code	Exc+ Red Exc- Black Sig+ Green Sig- White Shield Bare
Output Resistance	700 Ω ± 5		
Element Material	Alloy Steel, Nickel Plated		

PART NUMBER*		
Rated Capacity	Part No.	Weight Approx. (kg)
1t	363YH-1t	2.8
2t	363YH-2t	2.8
3t	363YH-3t	2.8
5t	363YH-5t	2.8
10t	363YH-10t	5.5
20t	363YH-20t	5.5
30t	363YH-30t	12.4
50t	363YH-50t	16.8
100t	363YH-100t	40.6
150t	363YH-150t	51.0
200t	363YH-200t	51.0
300t	363YH-300t	97.2

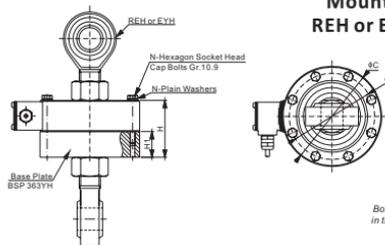
*ATEX, FM, IECEx approved versions carry the "-Ex" suffix.

Mounting Variation 1, Alloy Steel MH363YH



PART NUMBER	LOAD CELL CAPACITY	DIMENSIONS					Weight Approx. (kg)
		C1	C2	H1	H2	T	
	t/mm						
MH363YH-(1-5)t	1-5	27.0	85.0	8.0	25.0	M24X2	-
MH363YH-(10-20)t	10-20	45.0	150.0	22.0	38.0	M36X2	-
MH363YH-30t	30	54.0	180.0	32.0	48.0	M42X2	0.97
MH363YH-50t	50	64.0	200.0	42.0	54.0	M42X2	-
MH363YH-100t	100	102.0	300.0	48.0	79.0	M70X3	-
MH363YH-(150-200)t	150-200	136.0	300.0	60.0	79.0	M90X3	-
MH363YH-300t	300	160.0	500.0	80.0	90.0	M120X3	-
	lb/inches (conversion of above dimensions)						
MH363YH-(1-5)t	2.2046-11.0231	1.06	3.35	0.31	0.98	M24X2	-
MH363YH-(10-20)t	22.0462-44.0925	1.77	5.91	0.87	1.59	M36X2	-
MH363YH-30t	66.1387	2.13	7.09	1.26	1.89	M42X2	0.97
MH363YH-50t	110.2311	2.52	7.87	1.65	2.13	M42X2	-
MH363YH-100t	220.4623	4.02	11.81	1.89	3.11	M70X3	-
MH363YH-(150-200)t	330.6934-440.9245	5.35	11.81	2.36	3.11	M90X3	-
MH363YH-300t	661.3868	6.30	19.69	3.15	3.54	M120X3	-

Mounting Variation 2 REH or EYH+ BSP363YH



Bolts & plain washers are included in the set of Base Plate BSP363YH

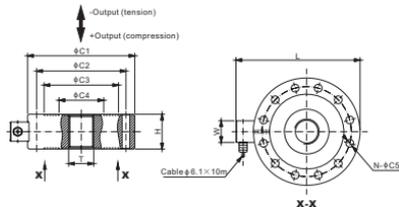
PART NUMBER	LOAD CELL CAPACITY	DIMENSIONS					Matching Bolts	Matching REH or EYH	Weight Approx. (kg)
		C	C1	H	H1	N			
	t/mm								
BSP363YH-(1-5)t	1-5	113.0	97.0	64.0	29.0	8	M6X50	REH-M24	-
BSP363YH-(10-20)t	10-20	155.0	130.0	90.0	45.0	12	M10X60	EYH-M36	-
	lb/inches (conversion of above dimensions)								
BSP363YH-(1-5)t	2.2046-11.0231	4.45	3.82	2.52	1.14	8	M6X50	REH-M24	-
BSP363YH-(10-20)t	22.0462-44.0925	6.10	5.12	3.54	1.77	12	M10X60	EYH-M36	-

Stainless Steel



CE ATEX RoHS

Mounting hardware to be ordered separately.



DIMENSIONS

RATED CAPACITY	C1	C2	C3	C4	C5	N	H	L	W	T
t/mm										
1-5	113.0	97.0	81.0	37.0	7.0	8	35.0	141.5	36.0	M24X2
10-20	155.0	130.0	106.0	56.0	11.0	12	45.0	169.0	36.0	M36X2
30	180.0	150.0	125.0	75.0	13.0	12	58.0	208.6	36.0	M42X2
50	205.0	165.0	125.0	75.0	13.0	16	64.0	233.0	36.0	M42X2
100	260.0	228.0	182.0	116.0	17.0	16	90.0	318.0	48.0	M70X3
150-200	296.0	256.0	223.0	133.0	22.0	16	100.0	334.0	48.0	M90X3
300	346.0	282.0	242.0	174.0	26.0	16	180.0	384.0	48.0	M120X3
lb/inches (conversion of above dimensions)										
2,204.6-11,023.1	4.45	3.82	3.19	1.48	0.28	8	1.39	5.57	1.42	M24X2
22,046.2-44,092.5	6.10	5.12	4.17	2.20	0.43	12	1.77	7.44	1.42	M36X2
66,138.7	7.09	5.91	4.92	2.95	0.51	12	2.28	8.22	1.42	M42X2
110,231.1	8.07	6.50	4.92	2.95	0.51	16	2.52	9.17	1.42	M42X2
220,462.3	11.02	8.98	7.17	4.65	0.67	16	3.54	12.52	1.89	M70X3
330,693.4-440,924.5	11.65	10.08	8.78	5.24	0.87	16	4.72	13.15	1.89	M90X3
661,386.8	13.62	11.10	9.53	6.85	1.02	16	7.09	15.12	1.89	M120X3

SPECIFICATIONS

Full Scale Output	2.0 mV/V $\pm 1\%$	Recommended Excitation	10V (15V Maximum)
Zero Balance	± 0.02 mV/V	Insulation Resistance	> 2 | 50V DC | G/G
Non-linearity	Cap. $\leq 5t$: $\pm 0.050\%$; Cap. $\geq 10t$: $\pm 0.30\%$	Compensated Temperature Range	-10°C to 50°C / 14°F to 122°F
Repeatability	Cap. $\leq 5t$: $\pm 0.030\%$; Cap. $\geq 10t$: $\pm 0.20\%$	Safe Overload	150% of full scale
Hysteresis Error	Cap. $\leq 5t$: $\pm 0.050\%$; Cap. $\geq 10t$: $\pm 0.30\%$	Breaking Overload	300% of full scale
Creep in 30 min.	Cap. $\leq 5t$: $\pm 0.050\%$; Cap. $\geq 10t$: $\pm 0.10\%$	Seal Type / IP Rating	Welded Seal / IP68
Input Resistance	770 $\Omega \pm 30$	Cable Color Code	Exc+ Red Exc- Black Sig+ Green Sig- White Shield Bare
Output Resistance	700 $\Omega \pm 5$		
Element Material	2Cr13 Stainless Steel		

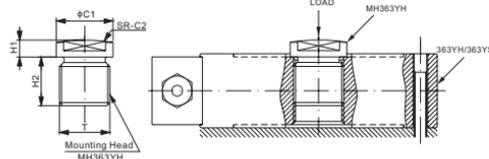
PART NUMBER*

Rated Capacity	Part No.	Weight Approx. (kg)
1t	363YS-1t-YZ	2.8
2t	363YS-2t-YZ	2.8
3t	363YS-3t-YZ	2.8
5t	363YS-5t-YZ	2.8
10t	363YS-10t-YZ	5.5
20t	363YS-20t-YZ	5.5
30t	363YS-30t-YZ	12.4
50t	363YS-50t-YZ	16.8
100t	363YS-100t-YZ	40.6
150t	363YS-150t-YZ	51.0
200t	363YS-200t-YZ	51.0
300t	363YS-300t-YZ	97.2

*ATEX, FM, IECEx approved versions carry the "-Ex" suffix.

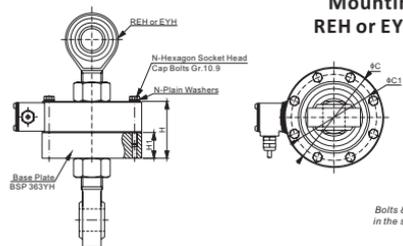
www.anyload.com

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Mounting Variation 1, Alloy Steel
MH363YH

DIMENSIONS

PART NUMBER	LOAD CELL CAPACITY	C1	C2	H1	H2	T	Weight Approx. (kg)
	t/mm						
MH363YH-(1-5)t	1-5	27.0	85.0	8.0	25.0	M24X2	-
MH363YH-(10-20)t	10-20	45.0	150.0	22.0	38.0	M36X2	-
MH363YH-30t	30	54.0	180.0	32.0	48.0	M42X2	0.97
MH363YH-50t	50	64.0	200.0	42.0	54.0	M42X2	-
MH363YH-100t	100	102.0	300.0	48.0	79.0	M70X3	-
MH363YH-(150-200)t	150-200	136.0	300.0	60.0	79.0	M90X3	-
MH363YH-300t	300	160.0	500.0	80.0	90.0	M120X3	-
	lb/inches (conversion of above dimensions)						
MH363YH-(1-5)t	2,204.6-11,023.1	1.06	3.35	0.31	0.98	M24X2	-
MH363YH-(10-20)t	22,046.2-44,092.5	1.77	5.91	0.87	1.50	M36X2	-
MH363YH-30t	66,138.7	2.13	7.09	1.26	1.89	M42X2	0.97
MH363YH-50t	110,231.1	2.52	7.87	1.65	2.13	M42X2	-
MH363YH-100t	220,462.3	4.02	11.81	1.89	3.11	M70X3	-
MH363YH-(150-200)t	330,693.4-440,924.5	5.35	11.81	2.36	3.11	M90X3	-
MH363YH-300t	661,386.8	6.30	19.69	3.15	3.54	M120X3	-

Mounting Variation 2
REH or EYH+ BSP363YH

Bolts & plain washers are included in the set of Base Plate BSP363YH

DIMENSIONS

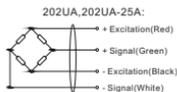
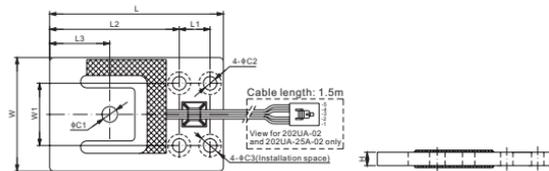
PART NUMBER	LOAD CELL CAPACITY	C	C1	H	H1	N	Matching Bolts	Matching REH or EYH	Weight Approx. (kg)
	t/mm								
BSP363YH-(1-5)t	1-5	113.0	97.0	64.0	29.0	8	M6X50	REH-M24	-
BSP363YH-(10-20)t	10-20	155.0	130.0	90.0	45.0	12	M10X60	EYH-M36	-
	lb/inches (conversion of above dimensions)								
BSP363YH-(1-5)t	2,204.6-11,023.1	4.45	3.82	2.52	1.14	8	M6X50	REH-M24	-
BSP363YH-(10-20)t	22,046.2-44,092.5	6.10	5.12	3.54	1.77	12	M10X60	EYH-M36	-

www.anyload.com

© 2026 ANYLOAD V1 dimensions and specifications subject to change without notice

**Features:**

- Low Profile-Provides ability for scales of roughly 25mm height, in various rectangular shapes / sizes
- Current Calibrated: No J-Box w/Trim Pot required
Direct corner replacement w/o need for re-calibration
- Rated output of 0.9mV/V \pm 0.1%. Pre-derived for ease of planar beam selection for scale capacity
Example: For a 60kg scale capacity-simply use 4x202UA-15kg's enables full weight capacity to roll up on scale edge w/o fear of overload



With a 4 conductor ribbon cable and Female connector: 104257-4 + Crimp:1-104481-0 (interchange with AMP#103957-4).

DIMENSIONS

RATED CAPACITY	C1	C2	C3	H	L	L1	L2	L3	W	W1
202UA kg/mm										
3.75	5.1	5.1	9.0	2.0	70.0	14.0	51.1	23.1	39.0	27.8
7.5	5.1	5.1	9.0	3.0	70.0	14.0	51.1	23.1	39.0	27.8
15	7.6	5.1	9.0	4.1	70.0	14.0	51.1	23.1	39.0	27.8
37.5	7.6	6.6	10.5	4.8	76.2	15.0	55.2	25.9	44.5	30.0
75	7.6	6.6	13.0	6.5	84.5	15.0	63.0	29.2	54.8	30.0
150	9.1	8.1	16.0	7.9	107.3	22.9	76.6	30.7	69.9	44.5
375	9.1	8.8	21.0	12.7	119.4	25.4	84.9	32.3	76.1	50.8
202UA-25A kg/mm										
3.75	5.1	5.1	11.0	2.0	70.0	14.0	51.1	23.1	39.0	27.8
7.5	5.1	5.1	11.0	3.0	70.0	14.0	51.1	23.1	39.0	27.8
15	7.6	5.1	11.0	4.1	70.0	14.0	51.1	23.1	39.0	27.8
37.5	7.6	6.6	13.0	4.8	76.2	15.0	55.2	25.9	44.5	30.0

SPECIFICATIONS			
Full Scale Output	0.9 mV/V \pm 0.1%	Recommended Excitation	10V (15V Maximum)
Calibration in mV/W	\pm 0.05%	Insulation Resistance	>2 | 50V DC | G/G
Zero Balance	\pm 0.02 mV/V	Nominal Temperature Range	-10°C to 40°C / 14°F to 104°F
Non-linearity	< \pm 0.020%	Safe Overload	150% of full scale
Repeatability	< \pm 0.017%	Breaking Overload	300% of full scale
Hysteresis Error	< \pm 0.015%	Seal Type / IP Rating	Environmentally Sealed / IP65
Creep in 30 min.	< \pm 0.015%	Cable Color Code	Exc+ Red Exc- Black
Input Resistance	1190 Ω \pm 10	(202UA, 202UA-25A)	Sig+ Green Sig- White
Output Resistance	1000 Ω \pm 10	Cable Color Code	Exc+ Green Exc- Black
Element Material	Aluminum, Clear Anodized	(202UA-02, 202UA-25A-02)	Sig+ White Sig- Red

PART NUMBER*

202UA	Free end cable	With ribbon cable & connector	Weight (kg) Approx.
3.75kg	202UA-3.75kg	202UA-3.75kg-02	0.1
7.5kg	202UA-7.5kg	202UA-7.5kg-02	0.1
15kg	202UA-15kg	202UA-15kg-02	0.1
37.5kg	202UA-37.5kg	202UA-37.5kg-02	0.1
75kg	202UA-75kg	202UA-75kg-02	0.1
150kg	202UA-150kg	202UA-150kg-02	0.2
375kg	202UA-375kg	202UA-375kg-02	0.4

*ATEX, FM, IECEx approved versions carry the "Ex" suffix.

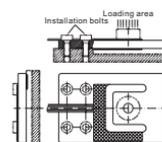
PART NUMBER*

202UA-25A	Free end cable	With ribbon cable & connector	Weight (kg) Approx.
3.75kg	202UA-3.75kg-25A	202UA-3.75kg-25A-02	0.1
7.5kg	202UA-7.5kg-25A	202UA-7.5kg-25A-02	0.1
15kg	202UA-15kg-25A	202UA-15kg-25A-02	0.1
37.5kg	202UA-37.5kg-25A	202UA-37.5kg-25A-02	0.1

INTERCHANGEABLE PRODUCTS

Manufacturer	Model
Filelec.....	PB
Rice lake.....	RL BLP**

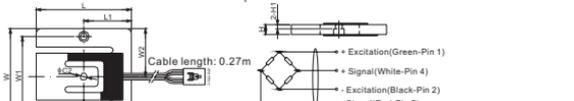
**C1 of RL BLP is of 1/2-20 UNC

INSTALLATION DRAWING

30kg-375kg: NTEP 1:3 000 Class III, Single Cell or Multiple Cell
 75kg-375kg: OIML MAA C3, Y=28 000
 For further available PIN's & specifications per NTEP/OIML classes, please contact us.

**Features:**

- Wing beam-self compensates for overturning moment
Suited for composite, durable plastic or lightweight aluminum scale bases
Ideal for picture frame style infant incubator scales, where scale center is hollow for X-Ray access
- Low profile-provides ability for scales of roughly 25mm height, in various rectangular shapes / sizes
- Current Calibrated: No J-Box w/Trim Pot required
Direct corner replacement w/o need for re-calibration
- Rated output of 0.9mV/V ± 0.1%: Pre-derated for ease of planar beam selection for scale capacity
EX: For a 60kg scale capacity-simply use 4x202WA-15kg's
Enables full weight capacity to roll up on scale edge w/o fear of overload



Optional: with a 4 conductor ribbon cable and Female connector: 104257-4 + Crimp:1-104481-0 (interchange with AMP#103957-4). Part number needs to add suffix: -02 for this option.

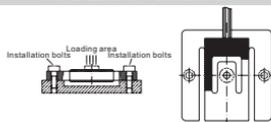
RATED CAPACITY	C1	C2	C3	H	H1	L	L1	W	W1	W2
lb/inches										
12.5 - 18.75	0.18	0.17	-	0.10	-	2.50	1.25	2.50	2.09	1.25
25	0.18	0.18	-	0.11	-	2.50	1.25	2.50	2.09	1.25
37.5	0.18	0.18	-	0.14	-	2.50	1.25	2.50	2.09	1.25
50	0.18	0.18	-	0.16	-	2.50	1.25	2.50	2.09	1.25
100	0.18	0.18	-	0.25	-	2.50	1.25	2.50	2.09	1.25
200	0.18	0.18	0.28	0.31	0.16	2.50	1.25	2.50	2.09	1.25
kg/mm										
100	4.6	4.6	7.1	8.3	4.0	63.5	31.8	63.5	53.1	31.8
200	4.6	4.6	7.1	11.7	5.0	63.5	31.8	63.5	53.1	31.8
300	4.6	4.6	7.1	14.3	5.0	63.5	31.8	63.5	53.1	31.8

SPECIFICATIONS

Full Scale Output	0.9 mV/V ± 0.1%	Element Material	Aluminum, Clear Anodized
Calibration in mV/V/G	± 0.05%	Recommended Excitation	10V (15V Maximum)
Zero Balance	± 0.02 mV/V	Insulation Resistance	>2 [50V DC] G/G
Non-linearity	± 0.01%	Nominal Temperature Range	-10°C to 50°C / 14°F to 122°F
Repeatability	± 0.01%	Safe Overload	150% of full scale
Hysteresis Error	± 0.017%	Breaking Overload	300% of full scale
Creep in 30 min.	± 0.030%	Seal Type / IP Rating	Environmentally Sealed / IP53
Input Resistance	1200Ω ± 5	Cable Color Code	Exc+ Green Exc- Black Sig+ White Sig- Red
Output Resistance	1000Ω ± 10		

PART NUMBER*

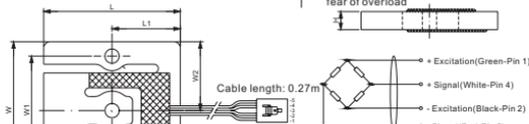
Rated Capacity	Free end cable	With ribbon cable & connector	Weight (kg) Approx.
12.5lb.....	202WA-12.5lb.....	202WA-12.5lb-02.....	0.1
18.75lb.....	202WA-18.75lb.....	202WA-18.75lb-02.....	0.1
25lb.....	202WA-25lb.....	202WA-25lb-02.....	0.1
37.5lb.....	202WA-37.5lb.....	202WA-37.5lb-02.....	0.1
50lb.....	202WA-50lb.....	202WA-50lb-02.....	0.2
100lb.....	202WA-100lb.....	202WA-100lb-02.....	0.2
200lb.....	202WA-200lb.....	202WA-200lb-02.....	0.2
100kg.....	202WA-100kg.....	202WA-100kg-02.....	0.2
200kg.....	202WA-200kg.....	202WA-200kg-02.....	0.2
300kg.....	202WA-300kg.....	202WA-300kg-02.....	0.2

INSTALLATION DRAWING

*ATEX, FM, IECEx approved versions carry the "-Ex" suffix.

**Features:**

- Wing beam-self compensates for overturning moment
Suited for composite, durable plastic or lightweight aluminum scale bases
Ideal for picture frame style infant incubator scales, where scale center is hollow for X-Ray access
- Low profile-provides ability for scales of roughly 25mm height, in various rectangular shapes / sizes
- Current Calibrated: No J-Box w/Trim Pot required
Direct corner replacement w/o need for re-calibration
- Rated output of 0.9mV/V ± 0.1%: Pre-derated for ease of planar beam selection for scale capacity
EX: For a 60kg scale capacity-simply use 4x202WH-15kg's
Enables full weight capacity to roll up on scale edge w/o fear of overload



Optional: with a 4 conductor ribbon cable and Female connector: 104257-4 + Crimp:1-104481-0 (interchange with AMP#103957-4). Part number needs to add suffix: -02 for this option.

RATED CAPACITY	C	H	DIMENSIONS		L1	W	W1	W2
kg/mm								
250	6.6	8.3	63.5	31.8	63.5	50.2	31.8	

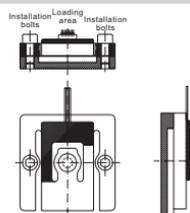
SPECIFICATIONS

Full Scale Output	0.9 mV/V ± 0.1%	Recommended Excitation	10V (15V Maximum)
Calibration in mV/V/G	± 0.05%	Insulation Resistance	>2 [50V DC] G/G
Zero Balance	± 0.02 mV/V	Nominal Temperature Range	-10°C to 50°C / 14°F to 122°F
Non-linearity	± 0.01%	Safe Overload	150% of full scale
Repeatability	± 0.01%	Breaking Overload	300% of full scale
Hysteresis Error	± 0.01%	Seal Type / IP Rating	Environmentally Sealed / IP53
Creep in 30 min.	± 0.01%	Cable Color Code	Exc+ Green Exc- Black Sig+ White Sig- Red
Input Resistance	1200Ω ± 5		
Output Resistance	1000Ω ± 10		
Element Material	Alloy Steel		

PART NUMBER*

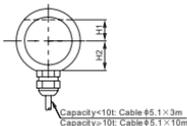
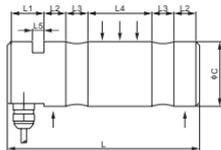
Rated Capacity	Free end cable	With ribbon cable & connector	Weight (kg) Approx.
250kg.....	202WH-250kg.....	202WH-250kg-02.....	0.2

*ATEX, FM, IECEx approved versions carry the "-Ex" suffix.

INSTALLATION DRAWING

535TS

Stainless Steel



DIMENSIONS									
RATED CAPACITY	C	H1	H2	L	L1	L2	L3	L4	L5
Umm									
2-5	35.0	11.5	16.0	105.0	20.0	12.0	12.0	35.0	6.30
10	50.0	20.0	25.0	150.0	30.0	18.0	18.0	48.0	10.5
20	65.0	22.5	28.5	190.0	32.0	20.0	25.0	65.0	10.5
40	85.0	22.5	28.5	250.0	38.0	35.0	28.0	89.0	12.5
70	100.0	34.0	35.0	320.0	40.0	50.0	32.0	120.0	15.0
100	120.0	44.0	45.0	320.0	40.0	50.0	32.0	120.0	15.0
lb/inches (conversion of above dimensions)									
4,409.2-11,023.1	1.38	0.45	0.63	4.13	0.79	0.47	0.47	1.38	0.25
22,046.2	1.97	0.79	0.89	5.98	1.18	0.71	0.71	1.89	0.41
44,092.5	2.56	0.89	1.12	7.48	1.26	0.79	0.88	2.56	0.41
88,184.9	3.35	0.89	1.12	10.08	1.42	1.38	1.10	3.50	0.49
154,222.6	3.94	1.34	1.38	12.91	1.57	1.97	1.28	4.72	0.59
220,462.3	4.72	1.73	1.77	12.91	1.57	1.97	1.28	4.72	0.59

SPECIFICATIONS

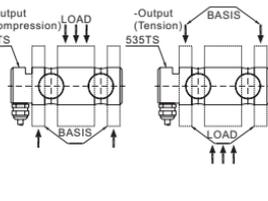
Full Scale Output	±0.1 mV/V ±10%	Recommended Excitation	10V (15V Maximum)
Zero Balance	±0.02 mV/V	Insulation Resistance	>2 (50V DC) G/G
Non-linearity	<±0.50%	Compensated Temperature Range	-10°C to 50°C / 14°F to 122°F
Repeatability	<±0.30%	Safe Overload	150% of full scale
Hysteresis Error	<±0.50%	Breaking Overload	400% of full scale
Creep in 30 min.	<±0.20%	Seal Type / IP Rating	Environmentally Sealed / IP67
Input Resistance	400Ω ±20	Cable Color Code	Exc+ Red Exc- Black Sig+ Green Sig- White Shield Bare
Output Resistance	350Ω ±3		
Element Material	2Cr13 Stainless Steel		

PART NUMBER*

Rated Capacity	Part No.	Weight Approx. (kg)
2L	535TS-2L-YZ	0.8
5L	535TS-5L-YZ	0.8
10L	535TS-10L-YZ	2.1
20L	535TS-20L-YZ	4.6
40L	535TS-40L-YZ	11.2
70L	535TS-70L-YZ	20.0
100L	535TS-100L-YZ	30.0

*ATEX, FM, IECEx approved versions carry the "-Ex" suffix.

APPLICATION EXAMPLES

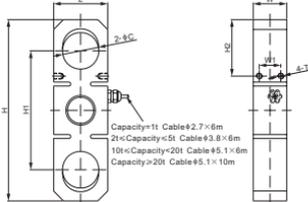


ANYLOAD

ANYLOAD

110BH

Alloy Steel; Patent Design



DIMENSIONS									
RATED CAPACITY	C	H	H1	H2	L	W	W1	T	SUGGESTED SHACKLE
Umm									
1	15.0	74.0	49.5	20.5	20.0	12.0	7.0	4-M3 Depth5	RBX-1t or TBX-2t
2	20.0	109.5	75.5	30.5	28.0	15.0	8.0	4-M3 Depth5	SBX-3-25t
5	27.0	140.0	93.0	41.0	35.0	25.0	15.0	4-M4 Depth5	SBX-6-5t
10	37.0	183.0	120.0	57.0	55.0	34.0	22.0	4-M6 Depth8	SBX-12t
20	53.0	252.0	164.0	82.0	74.0	50.0	30.0	4-M8 Depth8	SBX-25t
30	60.0	307.0	202.0	93.0	86.0	60.0	40.0	4-M8 Depth12	SBX-35t
50	73.0	390.0	257.0	116.0	110.0	75.0	40.0	4-M12 Depth20	SBX-55t
75	88.0	486.0	324.0	147.0	135.0	90.0	60.0	4-M12 Depth20	SBX-85t
100	102.0	580.0	389.0	172.0	160.0	100.0	60.0	4-M12 Depth20	SBX-120t
120	102.0	580.0	389.0	172.0	160.0	120.0	60.0	4-M12 Depth20	SBX-120t
lb/inches (conversion of above dimensions)									
2,204.6	0.59	2.91	1.95	0.81	0.79	0.47	0.28	4-M3 Depth0.20	RBX-1.5t
4,409.2	0.79	4.31	2.97	1.20	1.10	0.59	0.31	4-M3 Depth0.20	SBX-3.25t
11,023.1	1.06	5.51	3.66	1.61	1.50	0.98	0.59	4-M4 Depth0.20	SBX-6.5t
22,046.2	1.46	7.20	4.72	2.24	2.17	1.34	0.87	4-M6 Depth0.31	SBX-12t
44,092.5	2.09	9.92	6.46	3.23	2.91	1.97	1.18	4-M6 Depth0.31	SBX-25t
66,138.7	2.38	12.11	7.95	3.66	3.39	2.36	1.57	4-M8 Depth0.47	SBX-35t
110,231.1	2.87	15.35	10.12	4.57	4.33	2.95	1.57	4-M12 Depth0.79	SBX-55t
155,246.7	3.46	19.13	12.16	5.79	5.31	3.54	2.36	4-M12 Depth0.79	SBX-85t
220,462.2	4.02	22.83	15.31	6.77	6.30	3.94	2.36	4-M12 Depth0.79	SBX-120t
264,554.7	4.02	22.83	15.31	6.77	6.30	4.72	2.36	4-M12 Depth0.79	SBX-120t

SPECIFICATIONS

Full Scale Output	±0.1 mV/V ±10%	Recommended Excitation	10V (15V Maximum)
Zero Balance	±0.02 mV/V	Insulation Resistance	>2 (50V DC) G/G
Non-linearity	<±0.17% FS	Compensated Temperature Range	-10°C to 50°C / 14°F to 122°F
Repeatability	<±0.17% FS	Safe Overload	150% of full scale
Hysteresis Error	<±0.17% FS	Breaking Overload	400% of full scale
Creep in 30 min.	<±0.023% FS	Seal Type / IP Rating	Environmentally Sealed / IP67
Input Resistance	400Ω ±20	Cable Color Code	Exc+ Red Exc- Black Sig+ Green Sig- White Shield Bare
Output Resistance	350Ω ±3		
Element Material	Alloy Steel, Nickel Plated		

PART NUMBER*

Rated Capacity	Part No.	Weight Approx. (kg)
1L	110BH-1L	0.2
2L	110BH-2L	0.4
5L	110BH-5L	0.8
10L	110BH-10L	2.4
20L	110BH-20L	5.4
30L	110BH-30L	9.3
50L	110BH-50L	22.0
75L	110BH-75L	35.4
100L	110BH-100L	54.8
120L	110BH-120L	61.0

WEIGH MODULE

Model	Page
110BHM3	155

*ATEX, FM, IECEx approved versions carry the "-Ex" suffix.

11-2t: NTEP 1-3 000 Class III, Single Cell; NTEP 15 000 Class III, Multiple Cell;
5t-50t: NTEP 1-3 000, up to 1:6 000 Class III, Single Cell and Multiple Cell
1t-10t: OIML MAA C3, Y=15 000
10t-50t: OIML MAA C3, up to C6, Y=13 500
For further available P/N's & specifications per NTEP/OIML classes, please contact us.

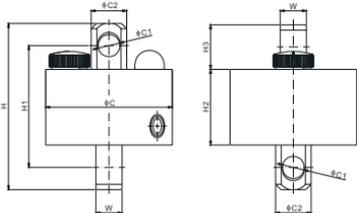
110ES-WL-HP

Stainless Steel, Wireless Tension Link



CE RoHS

Indicators to be ordered separately. Refer to Page 203 for details.



RATED CAPACITY	DIMENSIONS							SUGGESTED SHACKLE	
	C	C1	C2	H	H1	H2	H3		W
t/mm									
1	121	13	25	130.4	104	70	30.7	15.5	TBX-2t
2.5	121	15	25	130.4	104	70	30.7	17	TBX-2.5t
5	121	21	34	157.5	115.5	71.8	43.5	25	TBX-5t or FBXS-5t
10	133	31.5	50	197	141.5	72	63.3	40	TBX-12.5t
20	159	42	68	245	171	72.5	67	50	TBX-21t
30	205	45	80	295	206	92	93.5	52	TBX-30t
50	205	63	109	368	250	105	130	79	TBX-50t
100	273	90	152	498	332	146.5	174	112	TBX-110t
Kilb/inches (conversion of above dimensions)									
2	4.76	0.51	0.98	5.13	4.10	2.76	1.21	0.61	TBX-2t
5	4.76	0.59	0.98	5.13	4.10	2.76	1.21	0.67	TBX-2.5t
10	4.76	0.83	1.34	6.20	4.55	2.83	1.71	0.98	TBX-5t or FBXS-5t
20	5.24	1.24	1.97	7.76	5.57	2.83	2.49	1.57	TBX-12.5t
40	6.26	1.65	2.66	9.65	6.73	2.85	3.43	1.97	TBX-21t
60	8.07	1.77	3.15	11.61	8.11	3.62	3.92	2.08	TBX-30t
80	8.07	2.48	4.29	14.49	9.84	4.13	5.12	3.11	TBX-50t
100	10.75	3.54	5.98	19.53	13.07	5.77	6.85	4.41	TBX-110t

SPECIFICATIONS			
Division	1t-10t: 1.5-0.000	Transmission Range	Up to 30m for lowest power set up and up to 75m for highest power set up (shall have no obstructions)
	20t: 1.4-0.000		
	30t: 1.3-0.000		
	50t-100t: 1.5-0.000	Operation Time	Up to 100 hours at 20°C and at the lowest power set up
Max. Safety Load	200% F.S	Rechargeable Battery Type	3 x AA Alkaline batteries
Ultimate Load	400% F.S	Operating Temp.	-10°C to 40°C / 14°F to 104°F
Enclosure	Stainless Steel Casting	Operating Humidity	<85% RH under 20°C (68°F)
		IP Rating	IP68 / IP69K

PART NUMBER			
Rated Capacity	Frequency	Part No.	Self Weight (kg) (Batteries included)
1t	433 MHz	110ES-1t-WL01-HP	1.7
	915 MHz	110ES-1t-WL02-HP	1.7
2.5t	433 MHz	110ES-2.5t-WL01-HP	1.7
	915 MHz	110ES-2.5t-WL02-HP	1.7
5t	433 MHz	110ES-5t-WL01-HP	2.1
	915 MHz	110ES-5t-WL02-HP	2.1
10t	433 MHz	110ES-10t-WL01-HP	3.5
	915 MHz	110ES-10t-WL02-HP	3.5

PART NUMBER			
Rated Capacity	Frequency	Part No.	Self Weight (kg) (Batteries included)
20t	433 MHz	110ES-20t-WL01-HP	6.6
	915 MHz	110ES-20t-WL02-HP	6.6
30t	433 MHz	110ES-30t-WL01-HP	10.5
	915 MHz	110ES-30t-WL02-HP	10.5
50t	433 MHz	110ES-50t-WL01-HP	21
	915 MHz	110ES-50t-WL02-HP	21
100t	433 MHz	110ES-100t-WL01-HP	53
	915 MHz	110ES-100t-WL02-HP	53

ANYLOAD

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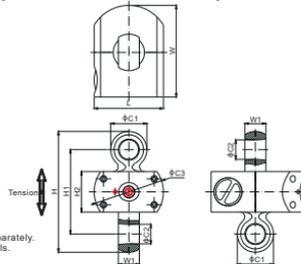
110RH-WL

Alloy Steel; Wireless Tension Link; Patent Design



CE RoHS

* Indicator to be ordered separately. Refer to Page 203 for details.



RATED CAPACITY	DIMENSIONS							SUGGESTED SHACKLE		
	C1	C2	C3	H	H1	H2	L		W	W1
t/mm										
0.5: 1: 2	33.0	18.0	80.0	110.0	74.0	38.0	80.0	110.0	28.0	Crosby G-2130-2t or SBX-2t
3	35.0	21.0	80.0	129.0	86.0	38.0	80.0	110.0	25.0	Crosby G-2130-3t or SBX-3t
5	50.0	27.0	88.0	144.0	110.0	50.0	88.0	144.0	33.0	Crosby G-2130-5t or SBX-5t
10	63.0	37.0	88.0	205.0	135.0	50.0	88.0	125.0	41.0	Crosby G-2130-12t or SBX-12t
20	90.0	53.0	100.0	248.0	153.0	50.0	100.0	140.0	58.0	Crosby G-2130-25t or SBX-25t
30	87.0	44.0	100.0	248.0	150.0	50.0	100.0	132.0	58.0	Crosby G-2140-30t or TBX-30t
50	115.0	62.0	150.0	321.0	206.0	74.0	150.0	170.0	79.0	Crosby G-2140-55t or TBX-50t
100	170.0	88.0	180.0	442.0	260.0	85.0	180.0	190.0	122.0	Crosby G-2140-120t or TBX-110t
Kilb/inches (conversion of above dimensions)										
1: 2: 4	1.30	0.71	3.15	4.33	2.91	1.50	3.15	4.33	0.71	Crosby G-2130-2t or SBX-2t
5	1.39	0.83	3.15	5.08	3.46	1.50	3.15	4.33	0.98	Crosby G-2130-3t or SBX-3t
10	1.97	1.06	3.39	6.48	4.35	1.97	3.39	4.48	1.30	Crosby G-2130-5t or SBX-5t
20	2.48	1.46	3.39	8.07	5.31	1.97	3.39	4.92	1.61	Crosby G-2130-12t or SBX-12t
40	3.54	2.09	3.94	9.80	6.02	2.09	3.94	5.51	2.60	Crosby G-2130-25t or SBX-25t
60	3.45	1.73	3.94	9.76	5.91	1.97	3.94	5.58	2.28	Crosby G-2140-30t or TBX-30t
100	4.53	2.44	5.91	13.03	8.11	2.91	5.91	6.69	3.11	Crosby G-2140-55t or TBX-50t
200	6.69	3.46	7.09	17.40	10.24	2.56	7.09	7.48	4.80	Crosby G-2140-120t or TBX-110t

SPECIFICATIONS				
Division	600kg	0.1kg	Combined Error	0.03%
	1t	0.2kg	Max. Safety Load	200% of full scale
	2t	0.5kg	Ultimate Load	500% of full scale
	3t, 5t	1kg	Transmission Range	Up to 30m at lowest power setting.
	10t	2kg	Rechargeable Battery Type	Up to 75m at highest power setting, unobstructed
	20t	5kg	3 x AA Alkaline batteries	
	30t, 50t	10kg	Operation Time	Up to 100 hours at 20°C and at the lowest power setting
	100t	20kg	Operating Humidity	<85% RH under 20°C (68°F)
IP Rating	IP67		Operating Temperature	-10°C to 50°C / 14°F to 122°F
Enclosure	Alloy Steel, Powder Coating			

PART NUMBER			
Rated Capacity	Frequency	Part No.	Self Weight (kg) (Approx.)
500kg	433 MHz	110RH-ST-500kg-WL01	0.6
	915 MHz	110RH-ST-500kg-WL02	0.6
	433 MHz	110RH-ST-1t-WL02	0.6
1t	433 MHz	110RH-ST-1t-WL02	0.6
	915 MHz	110RH-ST-1t-WL02	0.6
	433 MHz	110RH-ST-3t-WL01	1.0
2t	433 MHz	110RH-ST-3t-WL02	1.0
	915 MHz	110RH-ST-3t-WL02	1.0
	433 MHz	110RH-ST-5t-WL01	1.4
5t	433 MHz	110RH-ST-5t-WL02	1.4
	915 MHz	110RH-ST-5t-WL02	1.4

PART NUMBER			
Rated Capacity	Frequency	Part No.	Self Weight (kg) (Approx.)
10t	433 MHz	110RH-ST-10t-WL01	2.3
	915 MHz	110RH-ST-10t-WL02	2.3
20t	433 MHz	110RH-ST-20t-WL01	4.7
	915 MHz	110RH-ST-20t-WL02	4.7
30t	433 MHz	110RH-ST-30t-WL01	5.5
	915 MHz	110RH-30t-WL02	5.5
50t	433 MHz	110RH-50t-WL01	16.0
	915 MHz	110RH-50t-WL02	16.0
100t	433 MHz	110RH-100t-WL01	35.0
	915 MHz	110RH-100t-WL02	35.0

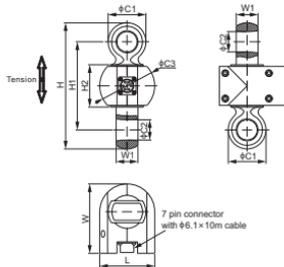
TENSION LINKS

TENSION LINKS

110RH; 110RH-ST

Alloy Steel; Patent Design

ANYLOAD



DIMENSIONS

RATED CAPACITY	C1	C2	C3	H	H1	H2	L	W	W1	SUGGESTED SHACKLE
110RH:										
<i>t/mm (conversion of above dimensions)</i>										
0.5: 1.2	30.0	14.0	43.0	102.0	68.0	38.0	43.0	63.0	15.0	TBX-2t
3	32.0	18.0	55.0	119.0	80.0	39.0	55.0	83.0	18.0	TBX-3.25t
5	45.0	24.0	66.0	153.0	104.0	50.0	66.0	82.0	26.0	TBX-5t
10	60.0	33.0	73.0	195.0	125.0	50.0	73.0	90.5	40.0	TBX-12.5t
20	75.0	41.0	82.0	225.0	145.0	53.0	82.0	110.0	53.0	TBX-21t
30	87.0	44.0	92.0	248.0	150.0	50.0	92.0	125.0	58.0	Crosby G-2140-30t or TBX-30t
50	115.0	62.0	130.0	331.0	206.0	74.0	130.0	159.0	79.0	Crosby G-2140-55t or TBX-50t
100	170.0	88.0	-	442.0	280.0	65.0	176.0	213.0	122.0	Crosby G-2140-120t or TBX-110t
<i>lb/inches (conversion of above dimensions)</i>										
1,102.3; 2,205.1; 4,409.2	1.18	0.55	1.69	4.02	2.68	1.50	1.69	2.48	0.59	TBX-2t
6,613.9	1.26	0.71	2.17	4.69	3.15	1.54	2.17	3.27	0.71	TBX-3.25t
11,023.1	1.77	0.94	2.60	6.02	4.09	1.97	2.80	3.23	1.02	TBX-5t
22,046.2	2.36	1.30	2.87	7.68	4.92	1.97	2.87	3.56	1.57	TBX-12.5t
44,092.5	2.95	1.61	3.23	8.86	5.71	2.09	3.23	4.33	2.09	TBX-21t
66,139.7	3.43	1.73	3.62	9.76	5.91	1.97	3.62	4.92	2.28	Crosby G-2140-30t or TBX-30t
110,231.1	4.53	2.44	5.12	13.03	8.11	2.91	5.12	6.28	3.11	Crosby G-2140-55t or TBX-50t
220,462.3	6.69	3.46	-	17.4	10.24	2.56	6.93	8.39	4.80	Crosby G-2140-120t or TBX-110t
110RH-ST:										
<i>t/mm (conversion of above dimensions)</i>										
0.5: 1.2	33.0	18.0	43.0	110.0	74.0	38.0	43.0	63.0	18.0	Crosby G-2130-2t or SBX-2t or TBX-2.5t
3	35.0	21.0	55.0	129.0	88.0	39.0	55.0	83.0	25.0	Crosby G-2130-3.25t or SBX-3.25t
5	50.0	27.0	66.0	164.8	110.6	50.0	66.0	82.0	33.0	Crosby G-2130-5.5t or SBX-6.5t
10	63.0	37.0	73.0	205.0	135.0	50.0	73.0	90.5	41.0	Crosby G-2130-12t or SBX-12t
20	90.0	53.0	82.0	249.0	153.0	53.0	82.0	110.0	66.0	Crosby G-2130-25t or SBX-25t
<i>lb/inches (conversion of above dimensions)</i>										
1,102.3; 2,205.1; 4,409.2	1.30	0.71	1.69	4.33	2.91	1.50	1.69	2.48	0.71	Crosby G-2130-2t or SBX-2t or TBX-2.5t
6,613.9	1.38	0.83	2.17	5.08	3.46	1.54	2.17	3.27	0.88	Crosby G-2130-3.25t or SBX-3.25t
11,023.1	1.97	1.06	2.60	6.48	4.35	1.97	2.60	3.23	1.30	Crosby G-2130-5.5t or SBX-6.5t
22,046.2	2.48	1.46	2.87	8.07	5.31	1.97	2.87	3.56	1.61	Crosby G-2130-12t or SBX-12t
44,092.5	3.54	2.09	3.23	9.80	6.02	2.09	3.23	4.33	2.40	Crosby G-2130-25t or SBX-25t

ANYLOAD

110RH; 110RH-ST

Alloy Steel; Patent Design

SPECIFICATIONS			
Full Scale Output	2.0 mV/V ± 0.25%	Recommended Excitation	10V (15V Maximum)
Zero Balance	+0.02 mV/V	Insulation Resistance	>2 (50V DC) / GO
Non-linearity	<± 0.03%	Compensated Temperature Range	-10°C to 50°C / 14°F to 122°F
Repeatability	<± 0.03%	Safe Overload	200% of full scale
Hysteresis Error	<± 0.03%	Breaking Overload	500% of full scale
Creep in 30 min.	<± 0.03%	Seal Type / IP Rating	Environmentally Sealed / IP67
Input Resistance	1100Ω ± 50	Cable Color Code	Exc+ Red Exc- Black Sig+ Green Sig- White Sen+ Blue Sen- Yellow Shield Bare
Output Resistance	1000Ω ± 10		
Element Material	Alloy Steel, Powder Coating		

PART NUMBER**

Rated Capacity	Part No.	Self Weight with Cable Approx. (kg)
500kg	110RH-T2-500kg	0.8
1t	110RH-T2-1t	0.8
2t	110RH-T2-2t	0.8
3t	110RH-T2-3t	1.2
5t	110RH-T2-5t	2.1
10t	110RH-T2-10t	2.4
20t	110RH-T2-20t	4.4
30t	110RH-T2-30t	6.4
50t	110RH-T2-50t	13.9
100t	110RH-T2-100t	32.7

PART NUMBER**

Rated Capacity	Part No.*	Self Weight with Cable Approx. (kg)
500kg	110RH-ST-T2-500kg	1.1
1t	110RH-ST-T2-1t	1.1
2t	110RH-ST-T2-2t	1.1
3t	110RH-ST-T2-3t	1.3
5t	110RH-ST-T2-5t	2.0
10t	110RH-ST-T2-10t	2.5
20t	110RH-ST-T2-20t	4.0

* 110RH-ST-XX match standard Crosby shackles
** ATEX, FM, IECEx approved versions carry the "Ex" suffix.

AVAILABLE OPTIONS

- Input Resistance 400Ω, Output Resistance 350Ω, IP65, part number is named as 110RH-xxt or 110RH-ST-xxt
- Input Resistance 1100Ω, Output Resistance 1000Ω, IP65, part number is named as 110RH-xxt-T1 or 110RH-ST-xxt-T1



0.5t-3t: NTEP 1:3 000 Class III, Single Cell;
NTEP 1:3 000 Class III, Multiple Cell;
5t-50t: NTEP 1:3 000, up to 1:6 000 Class III, Single Cell and Multiple Cell



1t-10t: OIML MAA C3, Y=15 000
10t-50t: OIML MAA C3, up to C6, Y=13 500

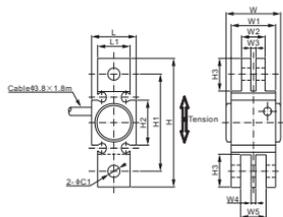
For further available P/N's & specifications per NTEP/OIML classes, please contact us.

TENSION LINKS

TENSION LINKS

110ZHBL

Alloy Steel



DIMENSIONS

RATED CAPACITY	C1	H	H1	H2	H3	L	L1	W	W1	W2	W3	W4	W5
110ZHBL534: kg/mm	6.0	63.0	47.6	22.0	16.0	22.0	16.0	27.0	22.0	11.7	2.6	2.2	12.6
110ZHBL634: kg/mm	8.0	76.2	57.2	27.7	19.5	25.2	19.0	30.0	25.2	15.5	3.5	3.0	16.8
lb/inches													
2,500	0.32	3.00	2.25	1.09	0.77	0.99	0.75	1.18	0.99	0.61	0.14	0.12	0.66

SPECIFICATIONS

Full Scale Output	1.5 mV/V ± 0.25%	Recommended Excitation	10V (15V Maximum)
Zero Balance	± 0.02 mV/V	Insulation Resistance	> 2 (50V DC) G Ω
Non-linearity	< ± 0.4%	Compensated Temperature Range	-10°C to 50°C / 14°F to 122°F
Repeatability	< ± 0.05%	Safe Overload	150% of full scale
Hysteresis Error	< ± 0.1%	Breaking Overload	400% of full scale
Creep in 30 min.	< ± 0.05%	Seal Type / IP Rating	Environmentally Sealed / IP67
Input Resistance	1200 Ω ± 60	Cable Color Code	Exc+ Red Exc- Black Sig+ Green Sig- White Shield Bare
Output Resistance	1000 Ω ± 5		
Element Material	Alloy Steel, Nickel Plated		

PART NUMBER*

Rated Capacity	Part No.	Weight Approx. (kg)
1.5t	110ZHBL534-1.5t	0.2
2.5t	110ZHBL634-2.5t	0.3
2.5Klb	110ZHBL634-2.5Klb	0.3

*ATEX, FM, IECEx approved versions carry the "-Ex" suffix.

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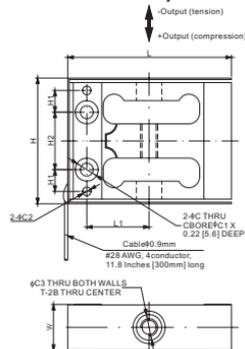
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101AALS; 101ASLS

Aluminum/Stainless Steel



DIMENSIONS

RATED CAPACITY	C	C1	C2	C3	H	H1	H2	L	L1	T	W
lb/inches											
2.2-100	0.14	0.25	-	0.28	1.37	-	0.63	1.80	0.69	#10-32 UNF	0.50
200	0.14	0.25	0.09	0.28	1.37	0.22	0.63	1.80	0.69	#10-32 UNF	0.50
300-500	0.21	0.34	0.09	0.28	1.37	0.24	0.63	1.80	0.69	1/4-28 UNF	0.50
kg/mm (conversion of above dimensions)											
1.00-45.36	3.6	6.4	-	7.1	34.8	-	15.9	45.7	17.4	#10-32 UNF	12.7
90.72	3.6	6.4	2.4	7.1	34.8	5.5	15.9	45.7	17.4	#10-32 UNF	12.7
136.08-226.80	5.4	8.6	2.4	7.1	34.8	6.0	15.9	45.7	17.4	1/4-28 UNF	12.7

SPECIFICATIONS

Full Scale Output	2.0 mV/V ± 20%	Element Material	Aluminum, Clear Anodized (2.2-100lb) 17-4PH stainless steel (200-500lb)
Zero Balance	± 0.02 mV/V	Recommended Excitation	10V (15V Maximum)
Non-linearity	< ± 0.02% (2.2-100lb) < ± 0.06% (200-500lb)	Insulation Resistance	> 2 (50V DC) G Ω
Repeatability	< ± 0.02%	Nominal Temperature Range	-10°C to 40°C / 14°F to 104°F (Aluminum) -10°C to 50°C / 14°F to 122°F (17-4PH stainless steel)
Hysteresis Error	< ± 0.02% (2.2-100lb) < ± 0.06% (200-500lb)	Seal Type / IP Rating	IP30
Creep in 30 min.	< ± 0.025%	Cable Color Code	Exc+ Green Exc- Black Sig+ White Sig- Red
Input Resistance	1050 Ω ± 15		
Output Resistance	1000 Ω ± 3		

PART NUMBER*

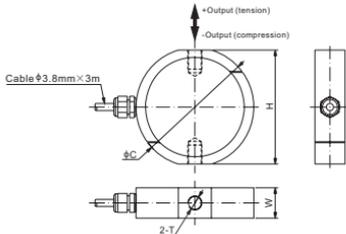
Rated Capacity	Deflection Emax (inch)	Safe Overload (lb)	Part No.	Weight Approx. (lb)
2.2lb	0.006-0.010	100	101AALS-2.2lb	0.1
5lb	0.005-0.008	100	101AALS-5lb	0.1
10lb	0.003-0.008	100	101AALS-10lb	0.1
25lb	0.003-0.007	150	101AALS-25lb	0.1
50lb	0.004-0.007	150	101AALS-50lb	0.1
100lb	0.004-0.008	300	101AALS-100lb	0.1
200lb	0.003-0.007	400	101ASLS-200lb	0.3
300lb	0.005-0.009	600	101ASLS-300lb	0.3
500lb	0.005-0.009	750	101ASLS-500lb	0.3

*ATEX, FM, IECEx approved versions carry the "-Ex" suffix.

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Stainless Steel



DIMENSIONS

RATED CAPACITY	C	H	W	T
N/mm				
100,250,500,750	50.0	48.0	12.4	M6 Depth:0.8
lb/inches (conversion of above dimensions)	1.97	1.89	0.49	M6 Depth:0.31
22.48,56.2,112.4,168.6				

SPECIFICATIONS

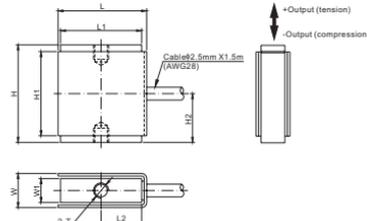
Full Scale Output	2.0 mV/V ± 1%	Recommended Excitation	10V (15V Maximum)
Zero Balance	± 0.02 mV/V	Insulation Resistance	> 2, 50V DC | GG
Non-linearity	< ± 0.050%	Compensated Temperature Range	-10°C to 50°C | 14°F to 122°F
Repeatability	< ± 0.020%	Safe Overload	150% of full scale
Hysteresis Error	< ± 0.10%	Breaking Overload	300% of full scale
Creep in 30 min.	< ± 0.10%	Seal Type / IP Rating	Environmentally Sealed / IP66
Input Resistance	400Ω ± 20	Cable Color Code	Exc+ Red Exc- Black Sig+ Green Sig- White Shield Bare
Output Resistance	350Ω ± 3		
Element Material	17-4PH Stainless Steel		

PART NUMBER*

Rated Capacity	Part No.	Weight Approx. (kg)
100N	101RS-100N	0.2
250N	101RS-250N	0.2
500N	101RS-500N	0.2
750N	101RS-750N	0.2

*ATEX, FM, IECEx approved versions carry the "-Ex" suffix.

Stainless Steel



DIMENSIONS

RATED CAPACITY	H	H1	H2	L	L1	L2	W	W1	T
lb/inches									
0.25-100	0.75	0.65	0.38	0.69	0.63	0.31	0.26	0.19	M3 X 0.5 Depth:0.11
g/mm (conversion of above dimensions)	19.1	16.5	9.6	17.5	16.0	8.0	6.7	4.7	M3 X 0.5 Depth:2.8
113.4-45,359.24									

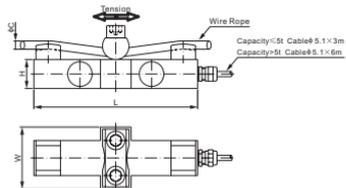
SPECIFICATIONS

Full Scale Output	1.0 mV/V ± 20% (0.25-0.5lb);	Recommended Excitation	5V (10V Maximum)
Zero Balance	± 0.02 mV/V	Insulation Resistance	> 2 | 50V DC | GG
Non-linearity	< ± 0.1%	Nominal Temperature Range	-10°C to 50°C | 14°F to 122°F
Repeatability	< ± 0.05%	Safe Overload	1800% of full scale (0.25-0.5lb) 1000% of full scale (1-25lb); 200% of full scale (50-100lb) only tension
Hysteresis Error	< ± 0.1%	Seal Type / IP Rating	IP40
Creep in 30 min.	< ± 0.1%	Cable Color Code	Exc+ Red Exc- Black Sig+ Green Sig- White Shield Bare
Input Resistance	350Ω ± 10		
Output Resistance	350Ω ± 5		
Element Material	17-4PH stainless steel		

PART NUMBER*

Rated Capacity	Part No.	Weight Approx. (kg)
0.25lb	101RSL5-0.25lb	0.1
0.5lb	101RSL5-0.5lb	0.1
1lb	101RSL5-1lb	0.1
2lb	101RSL5-2lb	0.1
5lb	101RSL5-5lb	0.1
10lb	101RSL5-10lb	0.1
25lb	101RSL5-25lb	0.1
50lb	101RSL5-50lb	0.1
100lb	101RSL5-100lb	0.1

*ATEX, FM, IECEx approved versions carry the "-Ex" suffix.



RATED CAPACITY	DIMENSIONS			
	C(wire rope)	H	L	W
kN/mm				
10	6-14	28.0	160.0	60.0
20	10-18	28.0	160.0	60.0
50	16-26	34.0	180.0	68.0
100-140	24-36	40.0	200.0	80.0
200	24-36	46.0	240.0	90.0
kN/inches (conversion of above dimensions)				
10	0.24-0.55	1.10	6.30	2.36
20	0.39-0.71	1.10	6.30	2.36
50	0.63-1.02	1.34	7.09	2.68
100-140	0.94-1.42	1.57	7.87	3.15
200	0.94-1.42	1.81	9.45	3.54

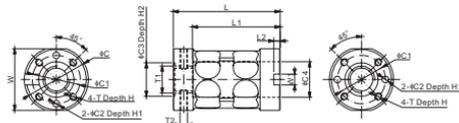
SPECIFICATIONS

Full Scale Output	1.0 - 1.5 mV/V	Element Material	Alloy Steel, Nickel Plated	
Zero Balance	<± 1%	Recommended Excitation	10V	
Non-linearity	<± 0.3%	Insulation Resistance	>5 [50V DC] GΩ	
Repeatability	<± 0.3%	Compensated Temperature Range	-20°C to 65°C / -4°F to 149°F	
Hysteresis Error	<± 0.3%	Safe Overload	150% of full scale	
Crep in 30 min.	<± 0.05%	Seal Type / IP Rating	Environmentally Sealed / IP67	
Input Resistance	800Ω ± 50	Cable Color Code	Exc- Red	Exc- Black
Output Resistance	700Ω ± 10		Sig- Green	Sig- White

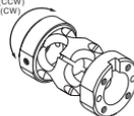
PART NUMBER*

Rated Capacity	Part No.	Weight Approx. (kg)
10kN	107CH-10kN	2.2
20kN	107CH-20kN	2.2
50kN	107CH-50kN	3.5
100kN	107CH-100kN	5.2
200kN	107CH-200kN	8.5

*ATEX, FM, IECEx approved versions carry the "-Ex" suffix.



-Output (CCW)
+Output (CW)



DIMENSIONS

RATED CAPACITY	C	C1	C2	C3	C4	H	H1	H2	L	L1	L2	W	W1	T	T1	T2
in-oz/inches																
20in-oz ± 100in-lb	1.20	0.90	0.125	0.62	0.66	0.25	0.25	0.03	2.00	1.64	0.12	1.14	0.20	#6-32UNC	1/2-20 UNF	#6-32UNC
Nm/mm																
0.14-11.3	30.5	22.9	3.2	15.8	16.8	6.4	6.4	0.8	50.8	41.7	3.0	29.0	5.1	M3	M12	M3

SPECIFICATIONS

Full Scale Output	2.0 mV/V ± 20%	Element Material	Aluminum, Clear Anodized
Zero Balance	± 0.04 mV/V	Recommended Excitation	10V (15V Maximum)
Non-linearity	<± 0.2%	Insulation Resistance	>2 [50V DC] GΩ
Repeatability	<± 0.05%	Nominal Temperature Range	-10°C to 40°C / 14°F to 104°F
Hysteresis Error	<± 0.2%	Safe Overload	150% of full scale
Crep in 30 min.	<± 0.2%	Breaking Overload	300% of full scale
Input Resistance	1000Ω ± 50	Seal Type / IP Rating	Environmentally Sealed / IP65
Output Resistance	1000Ω ± 5	Cable	No Cable

PART NUMBER*

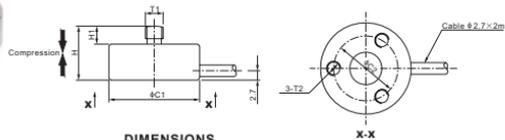
Rated Capacity	Part No.	Weight Approx. (kg)
20in-oz	112BA-20in-oz	0.07
50in-oz	112BA-50in-oz	0.07
12in-lb	112BA-12in-lb	0.07
50in-lb	112BA-50in-lb	0.07
100in-lb	112BA-100in-lb	0.07
0.14Nm	112BA-0.14Nm	0.07
0.35Nm	112BA-0.35Nm	0.07
1.5Nm	112BA-1.5Nm	0.07
5.6Nm	112BA-5.6Nm	0.07
11.3Nm	112BA-11.3Nm	0.07

*ATEX, FM, IECEx approved versions carry the "-Ex" suffix.

247AA; 247AS

Aluminum / Stainless Steel

ANYLOAD



DIMENSIONS						
RATED CAPACITY	C1	C2	H	H1	T1	T2
247AA: kg/mm 1-20	20.0	15.0	11.0	4.0	M3	M3 Depth 5.0
lb/inches (conversion of above dimensions) 2.25-44.09	0.79	0.59	0.43	0.16	M3	M3 Depth 0.20
247AS: kg/mm 30-200 500-1,000	20.0 25.4	15.0 18.0	11.0 15.0	4.0 5.0	M3 M5	M3 Depth 5.0 M4 Depth 7.0
lb/inches (conversion of above dimensions) 66.14-440.92 1,102.3-2,204.6 11.0231	0.79 1.00 1.57	0.59 0.71 1.26	0.43 0.59 0.88	0.16 0.20 0.31	M3 M4 M12	M3 Depth 0.20 M4 Depth 0.28 M4 Depth 0.24

SPECIFICATIONS

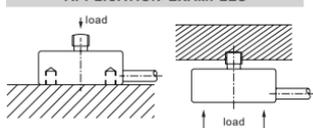
Full Scale Output	Cap. < 30kg: 1.0 mV/V ± 20%; Cap. ≥ 50kg: 1.5 mV/V ± 20%	Recommended Excitation	10V (15V Maximum)
Zero Balance	± 0.03 mV/V	Insulation Resistance	> 2 | 50V DC | G/D
Non-linearity	< ± 0.5%	Nominal Temperature Range	-10°C to 40°C / 14°F to 104°F
Repeatability	< ± 0.3%	Safe Overload	150% of full scale
Hysteresis Error	< ± 0.5%	Breaking Overload	300% of full scale
Creep in 30 min.	< ± 0.5%	Seal Type / IP Rating	Environmentally Sealed / IP66
Input Resistance	375Ω ± 25	Cable Color Code	Exc+ Red Exc- Black Sig+ Green Sig- White Shield Bare
Output Resistance	350Ω ± 3		
Element Material	Cap. < 20kg: Aluminum, Clear Anodized Cap. ≥ 30kg: 17-4PH Stainless Steel		

PART NUMBER*

Rated Capacity	Part No.	Weight Approx. (kg)
1kg	247AA-1kg	0.07
2kg	247AA-2kg	0.07
5kg	247AA-5kg	0.07
10kg	247AA-10kg	0.07
20kg	247AA-20kg	0.07
30kg	247AS-30kg	0.07
50kg	247AS-50kg	0.07
100kg	247AS-100kg	0.07
150kg	247AS-150kg	0.07
200kg	247AS-200kg	0.11
500kg	247AS-500kg	0.11
1t	247AS-1t	0.11
5t	247AS-5t	0.21

*ATEX, FM, IECEx approved versions carry the "-Ex" suffix.

APPLICATION EXAMPLES



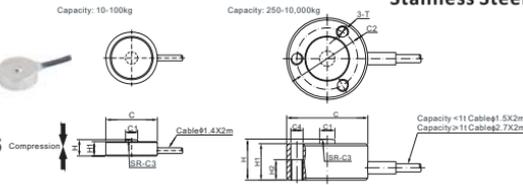
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247ASLH; 247ASLHUN

Stainless Steel



DIMENSIONS										
RATED CAPACITY	C	C1	C2	C3	C4	H	H1	H2	T	
247ASLH: kg/mm 10 25-100 250-500 1,000-2,000 5,000-10,000	9.7 12.7 20.0 37.6 50.3	2.3 3.0 3.8 10.9 15.2	- - 15.0 31.8 41.4	12.7 19.1 15.0 76.2 41.4	- 3.0 3.0 3.0 3.0	3.6 4.5 10.0 16.0 25.4	3.2 4.0 8.9 14.0 22.4	- - 5.0 6.4 6.4	- - 5.0 6.4 6.4	M3 M3 M3 M3 M4
247ASLHUN: kg/mm 250-500 1,000-2,000 5,000-10,000	20.0 37.6 50.3	3.8 10.9 15.2	15.0 31.8 41.4	15.0 76.2 200	3.5 3.5 3.5	10.0 16.0 25.4	8.9 14.0 22.4	5.0 6.4 6.4	- - -	#6-32 UNC-2B #6-32 UNC-2B #6-32 UNC-2B

SPECIFICATIONS

Full Scale Output	Cap. < 10kg: > 0.8 mV/V; Cap. ≥ 10kg: 2.0 mV/V ± 20%	Recommended Excitation	Cap. < 10kg: 5V (7V Maximum) Cap. ≥ 10kg: 10V (15V Maximum)
Zero Balance	Cap. < 10kg: ± 0.03 mV/V Cap. ≥ 10kg: ± 0.04 mV/V	Element Material	17-4PH Stainless Steel
Non-linearity	< ± 0.5%	Insulation Resistance	> 2 | 50V DC | G/D
Repeatability	< ± 0.5%	Nominal Temperature Range	-10°C to 40°C / 14°F to 104°F
Hysteresis Error	< ± 0.5%	Safe Overload	150% of full scale
Creep in 30 min.	< ± 0.5%	Breaking Overload	300% of full scale
Input Resistance	Cap. < 500kg: 375Ω ± 25; Cap. ≥ 500kg: 700Ω ± 25	Seal Type / IP Rating	Environmentally Sealed / IP66
Output Resistance	Cap. < 500kg: 350Ω ± 3; Cap. ≥ 500kg: 700Ω ± 3	Cable Color Code	Exc+ Red Exc- Black Sig+ Green Sig- White Shield Bare

PART NUMBER*

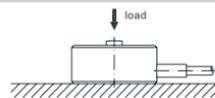
Rated Capacity	Part No.	Weight Approx. (kg)
10-100kg, No thread		
10kg	247ASLH-10kg	0.09
25kg	247ASLH-25kg	0.09
50kg	247ASLH-50kg	0.09
100kg	247ASLH-100kg	0.09
250kg to 2t, Metric thread		
250kg	247ASLH-250kg	0.11
500kg	247ASLH-500kg	0.11
1t	247ASLH-1t	0.19
2t	247ASLH-2t	0.19
5t	247ASLH-5t	0.42
10t	247ASLH-10t	0.42

*ATEX, FM, IECEx approved versions carry the "-Ex" suffix.

PART NUMBER*

Rated Capacity	Part No.	Weight Approx. (kg)
250kg to 2t, Imperial thread		
250kg	247ASLHUN-250kg	0.11
500kg	247ASLHUN-500kg	0.11
1t	247ASLHUN-1t	0.19
2t	247ASLHUN-2t	0.19
5t	247ASLHUN-5t	0.42
10t	247ASLHUN-10t	0.42

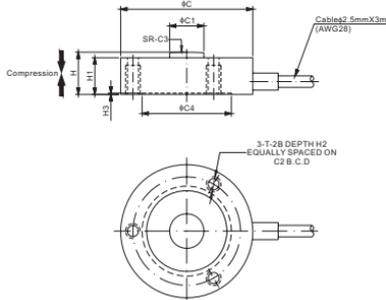
APPLICATION EXAMPLES



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Stainless Steel



CE RoHS

RATED CAPACITY

Kilb/inches	DIMENSIONS									
	C	C1	C2	C3	C4	H	H1	H2	H3	T
5-10	1.48	0.43	1.25	3.00	1.08	0.63	0.55	0.25	0.03	#6-32 UNC
2,267.96-4,535.92	37.6	10.9	31.8	76.2	27.4	16.0	14.0	6.40	0.70	#6-32 UNC

SPECIFICATIONS

Full Scale Output	2.0 mV/V ± 20%	Element Material	17-4PH Stainless Steel
Zero Balance	± 0.02 mV/V	Recommended Excitation	10V (15V Maximum)
Non-linearity	Cap. = 9Klb: ≤ ± 0.25%; Cap. = 10Klb: ≤ ± 0.50%	Insulation Resistance	> 2 | 50V DC | G/D
Repeatability	≤ ± 0.10%	Nominal Temperature Range	-10°C to 50°C / 14°F to 122°F
Hysteresis Error	Cap. = 9Klb: ≤ ± 0.25%; Cap. = 10Klb: ≤ ± 0.50%	Safe Overload	150% of full scale
Creep In 30 min.	≤ ± 0.1%	Breaking Overload	300% of full scale
Input Resistance	700Ω ± 25	Seal Type / IP Rating	IP64
Output Resistance	700Ω ± 3	Cable Color Code	Exc+ Red Exc- Black Sig+ Green Sig- White Shield Bare

PART NUMBER*

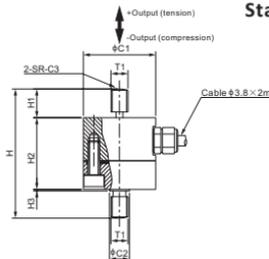
Rated Capacity	Part No.	Weight Approx. (kg)
5Klb.....	247ASLL-5Klb.....	0.4
10Klb.....	247ASLL-10Klb.....	0.4

*ATEX, FM, IECEx approved versions carry the "-Ex" suffix.

Stainless Steel



CE RoHS



DIMENSIONS

RATED CAPACITY	C1	C2	C3	H	H1	H2	H3	T1
kg/mm	25.4	7.0	10	45.0	10.0	25.0	0.5	M6
lb/inches (conversion of above dimensions)	1.00	0.28	0.39	1.77	0.39	0.98	0.02	M6

SPECIFICATIONS

Full Scale Output	1.0 mV/V ± 20%	Recommended Excitation	10V (15V Maximum)
Zero Balance	± 0.03 mV/V	Insulation Resistance	> 2 | 50V DC | G/D
Non-linearity	≤ ± 0.3%	Compensated Temperature Range	-10°C to 50°C / 14°F to 122°F
Repeatability	≤ ± 0.1%	Safe Overload	150% of full scale
Hysteresis Error	≤ ± 0.1%	Breaking Overload	300% of full scale
Creep In 30 min.	≤ ± 0.1%	Seal Type / IP Rating	Environmentally Sealed / IP66
Input Resistance	375Ω ± 25	Cable Color Code	Exc+ Red Exc- Black Sig+ Green Sig- White Shield Bare
Output Resistance	350Ω ± 3		
Element Material	17-4PH Stainless Steel		

PART NUMBER*

Rated Capacity	Part No.	Weight Approx. (kg)
30kg.....	247BS-30kg.....	0.13
50kg.....	247BS-50kg.....	0.13
100kg.....	247BS-100kg.....	0.13

*ATEX, FM, IECEx approved versions carry the "-Ex" suffix.

247BSWM

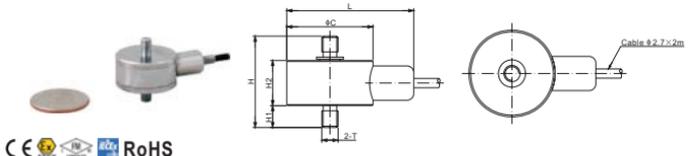
Stainless Steel

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296AS

Stainless Steel



CE RoHS

DIMENSIONS						
RATED CAPACITY	C	L	H	H1	H2	T
10	0.75	1.22	1.01	0.25	0.45	#6-32 UNC-2A
25-100	1.00	1.47	1.05	0.25	0.52	#10-32 UNF-2A
250-1,000	1.00	1.77	1.32	0.38	0.53	1/4-28 UNF-2A
2,000-3,000	1.00	1.77	1.75	0.50	0.72	3/8-24 UNF-2A
5,000	1.25	2.02	2.23	0.63	0.94	1/2-20 UNF-2A
7,500-10,000	1.38	2.15	2.88	0.88	1.09	3/4-16 UNF-2A
kg/mm (conversion of above dimensions)						
4.54	19.1	31.1	25.7	6.4	11.4	#6-32 UNC-2A
11.34-45.36	25.4	37.4	26.7	6.4	13.2	#10-32 UNF-2A
113.40-453.6	25.4	44.9	33.5	9.7	13.4	1/4-28 UNF-2A
907.18-1,360.78	25.4	44.9	44.5	12.7	18.3	3/8-24 UNF-2A
2,267.96	31.8	51.3	56.6	16.0	23.9	1/2-20 UNF-2A
3,401.94-5,135.92	34.9	54.0	73.2	22.4	27.7	3/4-16 UNF-2A

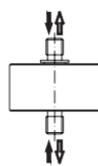
SPECIFICATIONS			
Full Scale Output	2.0 mV/V ± 20%	Element Material	Stainless Steel
Zero Balance	± 0.04mV/V	Recommended Excitation	5V (10V Maximum)
Non-linearity	< ± 0.2%	Insulation Resistance	> 2 (50V DC) | GΩ
Repeatability	< ± 0.1%	Nominal Temperature Range	-10°C to 40°C / 14°F to 104°F
Hysteresis Error	< ± 0.2%	Safe Overload	150% of full scale
Creep in 30 min.	< ± 0.2%	Breaking Overload	300% of full scale
Input Resistance	350Ω ± 10	Seal Type / IP Rating	Environmentally Sealed / IP66
Output Resistance	350Ω ± 10		

PART NUMBER

Rated Capacity	Part No.	Weight Approx. (kg)
10lb	247BSWM-10lb	0.10
25lb	247BSWM-25lb	0.12
50lb	247BSWM-50lb	0.12
100lb	247BSWM-100lb	0.12
250lb	247BSWM-250lb	0.12
500lb	247BSWM-500lb	0.12
1Klb	247BSWM-1Klb	0.12
2Klb	247BSWM-2Klb	0.20
3Klb	247BSWM-3Klb	0.20
5Klb	247BSWM-5Klb	0.20
7.5Klb	247BSWM-7.5Klb	0.40
10Klb	247BSWM-10Klb	0.40

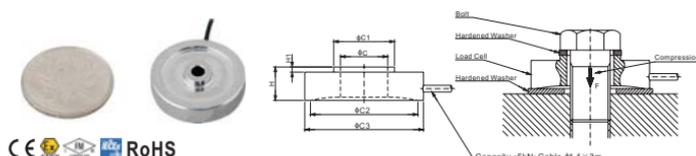
*ATEX, FM, IECEx approved versions carry the "-Ex" suffix.

APPLICATION EXAMPLES



Compression:
 • Output cable Color Code:
 Exc+ Red Exc- Black
 Sig+ Green Sig- White
 Shield Bare

Tension:
 • Output cable Color Code:
 Exc+ Red Exc- Black
 Sig+ White Sig- Green
 Shield Bare



CE RoHS

RATED CAPACITY		Screw Size		DIMENSIONS						
N/mm				C	C1	C2	C3	H	H1	
50-100	M3	3.5	7.5	22.0	25.4	7.1	1.1			
500	M6	6.8	11.0	22.0	25.4	7.1	1.1			
5,000	M10	10.1	13.0	23.0	25.4	7.1	1.1			
20,000	M12	13.2	21.0	31.0	38.1	12.7	1.0			
20,000	M16	16.7	21.0	31.0	38.1	12.7	1.0			
50,000	M10	10.1	20.0	42.0	50.8	16.0	1.0			
50,000	M12	13.2	20.0	42.0	50.8	16.0	1.0			
50,000	M16	16.7	22.0	42.0	50.8	16.0	1.0			
100,000	M20	20.3	33.0	61.0	76.2	25.4	2.0			
100,000	M25	25.2	40.0	61.0	76.2	25.4	2.0			
100,000	M32	32.5	42.0	61.0	76.2	25.4	2.0			
200,000	M20	20.3	33.0	61.0	76.2	25.4	2.0			
200,000	M25	25.2	40.0	61.0	76.2	25.4	2.0			
200,000	M32	32.5	42.0	61.0	76.2	25.4	2.0			
N/inches										
50-100	1/8	0.14	0.30	0.87	1.00	0.28	0.04			
500	1/4	0.27	0.43	0.87	1.00	0.28	0.04			
5,000	3/8	0.40	0.51	0.91	1.00	0.28	0.04			
20,000	1/2	0.52	0.83	1.22	1.50	0.50	0.04			
20,000	5/8	0.66	0.83	1.22	1.50	0.50	0.04			
50,000	3/8	0.40	0.79	1.65	2.00	0.63	0.04			
50,000	1/2	0.52	0.79	1.65	2.00	0.63	0.04			
50,000	5/8	0.66	0.87	1.65	2.00	0.63	0.04			
100,000	3/4	0.80	1.30	2.40	3.00	1.00	0.08			
100,000	1	1.03	1.37	2.40	3.00	1.00	0.08			
100,000	1-1/4	1.28	1.65	2.40	3.00	1.00	0.08			
200,000	3/4	0.80	1.30	2.40	3.00	1.00	0.08			
200,000	1	1.03	1.37	2.40	3.00	1.00	0.08			
200,000	1-1/4	1.28	1.65	2.40	3.00	1.00	0.08			

SPECIFICATIONS			
Full Scale Output	Cap. < 50N: 1.0 mV/V ± 20%	Element Material	17-4PH Stainless Steel
Zero Balance	± 0.02 mV/V	Recommended Excitation	10V (15V Maximum)
Non-linearity	< ± 0.5%	Insulation Resistance	> 2 (50V DC) | GΩ
Repeatability	< ± 0.5%	Nominal Temperature Range	-10°C to 40°C / 14°F to 104°F
Hysteresis Error	< ± 0.5%	Safe Overload	150% of full scale
Creep in 30 min.	< ± 0.5%	Breaking Overload	300% of full scale
Input Resistance	700Ω ± 25	Seal Type / IP Rating	Environmentally Sealed / IP66
Output Resistance	700Ω ± 3	Cable Color Code	Exc+ Red Exc- Black Sig+ Green Sig- White Shield Bare

PART NUMBER

Rated Capacity	Screw Size	Part No.	Weight Approx. (kg)
50N	M3 or 1/8	296ASA1-50N	0.03
100N	M3 or 1/8	296ASA1-100N	0.03
500N	M6 or 1/4	296ASA2-500N	0.03
5kN	M10 or 3/8	296ASA3-5kN	0.03
20kN	M12 or 1/2	296ASB1-20kN	0.11
	M16 or 5/8	296ASB2-20kN	0.11
50kN	M10 or 3/8	296ASC1-50kN	0.25
	M12 or 1/2	296ASC2-50kN	0.25
	M16 or 5/8	296ASC3-50kN	0.25

PART NUMBER

Rated Capacity	Screw Size	Part No.	Weight Approx. (kg)
100kN	M20 or 3/4	296ASD1-100kN	0.9
	M26 or 1	296ASD2-100kN	0.9
	M32 or 1-1/4	296ASD3-100kN	0.9
200kN	M20 or 3/4	296ASE1-200kN	0.9
	M26 or 1	296ASE2-200kN	0.9
	M32 or 1-1/4	296ASE3-200kN	0.9

*ATEX, FM, IECEx approved versions carry the "-Ex" suffix.

FORCE MEASUREMENT

FORCE MEASUREMENT

WEIGH MODULES

ANYLOAD



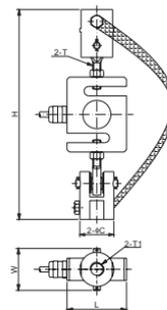
Features:

- Assembles: 101BH S-beam load cell
- Capacities: 50kg-2t
- Allows for high accuracy tension loading

Load Cell Certifications:



Load Cell Not Included.



DIMENSIONS

LOAD CELL CAPACITY	C	H _{Min/Max}	L	W	T	T1
kg/mm						
50-1,500	41	235/243	50.8	51.0	M12 x 1.75	M12 Depth:22
2,000	61	324/330	76.2	73.0	M16 x 1.50	M20 Depth:32
lb/inches (conversion of above dimensions)						
110.23-3,306.93	1.61	9.25/9.57	2.00	2.01	M12 x 1.75	M12 Depth:0.87
4,409.25	2.40	12.76/12.99	3.00	2.87	M16 x 1.50	M20 Depth:1.26

PART NUMBER

Load Cell Capacity	Part No.	Weight Approx. (kg)
50kg-1.5t	101BHM2-(50-1500)kg	1.3
2t	101BHM2-2t	3.2

101NHM2

Alloy Steel



Features:

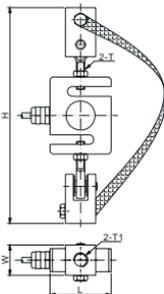
- Assembles: 101NH S-beam load cell
- Capacities: 50lb-10Klb
- Allows for high accuracy tension loading

Also available for our stainless steel load cells
101NSGS and 101BS S-Beam load cells up to 10Klb

Load Cell Certifications:



Load Cell Not Included.



NOTE:
Install the bottom rod end bearings & clevises 90° disposed from top set to achieve better performance

DIMENSIONS

LOAD CELL CAPACITY	H _{Min/Max}	W	L	T	T1
lb/inches					
50-250	6.69/7.09	0.99	2.00	1/4-28 UNF-2A	1/2-13 UNC-2B
500-2,000	9.57/9.88	1.58	2.00	1/2-20 UNF-2A	3/4-10 UNC-2B
500-2,000 (-A)	9.57/9.88	1.58	2.00	1/2-20 UNF-2A	1/2-13 UNC
5,000	12.13/12.60	2.16	3.00	3/4-16 UNF-2A	3/4-10 UNC-2B
10,000	17.17/18.07	3.15	3.15	3/4-16 UNF-2A	1-8 UNC-2B
kg/mm (conversion of above dimensions)					
22.7-136.1	170/180	25.0	50.8	1/4-28 UNF-2A	1/2-13 UNC-2B
226.8-907.2	243/251	40.0	50.8	1/2-20 UNF-2A	3/4-10 UNC-2B
226.8-907.2 (-A)	243/251	40.0	50.8	1/2-20 UNF-2A	1/2-13 UNC
2,268	308/320	55.0	76.2	3/4-16 UNF-2A	3/4-10 UNC-2B
4,536	436/459	80.0	80.0	3/4-16 UNF-2A	1-8 UNC-2B

PART NUMBER

Load Cell Capacity	Part No.	Weight Approx. (kg)
50lb-250lb	101NHM2-(50-250)lb	0.4
500lb-2Klb	101NHM2-(0.5-2)Klb	1.4
500lb-2Klb	101NHM2-(0.5-2)Klb-A	1.4
5Klb	101NHM2-5Klb	3.2
10Klb	101NHM2-E-10Klb	8.5

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MK4-101NHM2

Description:

The 101NHM2 Tension Weigh Module Kit is a robust and reliable solution designed for high-accuracy tension weighing applications. The kit is a complete package with all required components, ensuring ease of installation. Assembling the 101NH S-beam load cell with 101NHM2 mounts, this kit provides exceptional performance in demanding environments, making it ideal for suspended tanks and hoppers, especially in concrete batching plants.



Load Cell Certifications:



Features:

- Compatible with 101NH S-beam load cell
- Constructed from durable alloy steel for long-lasting use
- Capacities: 50lb to 10,000lb (per module)
- NTEP-certified load cells available from 100lb to 20,000lb for legal-for-trade applications
- OIML-certified load cells from 200kg to 10t for international standards compliance
- CE, RoHS, and Ex certified for a wide range of industrial settings
- Grounding strap included to divert all currents, ensuring the load cell is protected
- Engineered for precise tension loading applications

PART NUMBER

Load Cell Capacity	Part No.	Weight Approx. (kg/lb)
50lb	MK4-101NHM2-50lb-S	2.8/6.2
100lb	MK4-101NHM2-100lb-S	2.8/6.2
200lb	MK4-101NHM2-200lb-S	2.8/6.2
250lb	MK4-101NHM2-250lb-S	2.8/6.2
500lb	MK4-101NHM2-500lb-S	6.8/15.0
750lb	MK4-101NHM2-750lb-S	6.8/15.0
1Klb	MK4-101NHM2-1Klb-S	6.8/15.0
1.5Klb	MK4-101NHM2-1.5Klb-S	6.8/15.0
2Klb	MK4-101NHM2-2Klb-S	6.8/15.0
5Klb	MK4-101NHM2-5Klb-S	14.0/30.9
10Klb	MK4-101NHM2-E-10Klb-S	35.2/77.6

Complete Set Includes:

- (4 pcs) Four 101NH Alloy Steel S-beam load cells
- (4 pcs) Four 101NHM2 Alloy Steel weigh modules
- (1 pcs) One J04SA-16 water-resistant junction box
- (1 roll) 65ft (20m) cable, 4-wire PVC cable with copper braid & foil shielding (CB4-5.1-20m)

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101NHM3

Alloy Steel

ANYLOAD



Features:

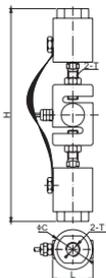
- Assembles: 101NH S-beam load cell
- Capacities: 500lb-10Klb
- Reduces "friction" found within Rod End Bearings w/Clevises
- Enables high accuracy tension loading & repeatability

Also available for our stainless steel load cells
101NMSG and 101BS S-Beam load cells up to 10Klb

Load Cell Certifications:



Load Cell Not Included.



DIMENSIONS

LOAD CELL CAPACITY	H _{Min} Max	C	L	T	T1
Kil/inches					
0.5-3	10.16/10.87	1.97	2.00	1/2-20 UNF	3/4-10 UNC-2B
5-19	13.15/13.78	2.48	3.00	3/4-16 UNF	1-8 UNC-2B
kg/mm (conversion of above dimensions)					
226-1,360	258.0/276.0	50.0	50.8	1/2-20 UNF	3/4-10 UNC-2B
2,267-4,535	334.0/350.0	63.0	76.2	3/4-16 UNF	1-8 UNC-2B

PART NUMBER

Load Cell Capacity	Part No.	Weight Approx. (kg)
500lb-3Kilb	101NHM3-(0.5-3)Kilb	2.0
5Kilb-10Kilb	101NHM3-(5-10)Kilb	3.9

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ANYLOAD

102BHM1

Alloy Steel



Features:

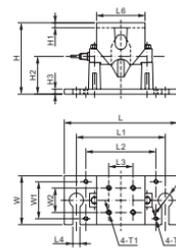
- Assembles: 102BH double ended beam load cell
- Capacities: 10Kilb-200Kilb/5t-100t
- Center pivoted with self-aligning suspension link design
- Allows for multi-directional movements
- No check rods required

Load Cell Certifications:

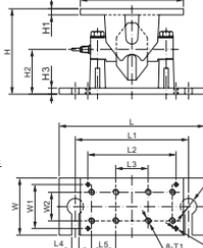


Load Cell Not Included.

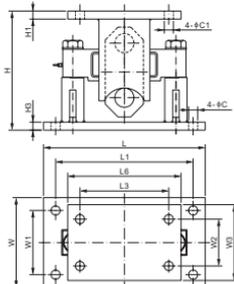
Capacity: 10Kilb-25Kilb(5t-15t)



Capacity: 50Kilb-75Kilb(25t-35t)



Capacity: 100Kilb-200Kilb



DIMENSIONS

LOAD CELL CAPACITY	C	H	H1	H2	H3	L	L1	L2	L3	L4	L5	L6	W	W1	W2	W3	T1	T2		
Kil/inches																				
10-25	1.75	-	8.62	0.62	4.45	0.59	14.00	11.00	8.66	3.00	0.87	-	6.00	6.00	4.53	3.00	-	5/8-11 UNC-2B	1/2-13 UNC	
50-75, SE100Kilb	2.00	-	10.47	0.75	5.44	0.75	18.00	14.00	10.91	4.00	0.87	3.00	12.76	7.00	5.39	3.50	-	3/4-10 UNC-2B	1/2-13 UNC	
100-125	1.13	1.13	14.61	0.90	6.96	20.00	17.01	-	10.96	-	-	-	14.02	11.02	7.87	5.75	9.28	-	-	
200	1.34	1.34	19.88	1.57	-	15.27	24.49	21.50	-	14.02	-	-	-	17.01	15.12	12.01	10.75	15.12	-	-
t/mm																				
5-15	44.5	-	219	15.7	113.1	15.0	355.6	279.4	220.0	76.2	22.5	-	152.4	152.4	115.0	76.2	-	5/8-11 UNC-2B	1/2-13 UNC	
25-35	50.8	-	266.0	19.0	138.2	19.0	457.2	355.6	277.0	101.6	22.5	76.2	324.0	177.8	137.0	88.9	-	3/4-10 UNC-2B	1/2-13 UNC	
50	28.6	28.6	371.0	25.0	-	25.0	508.0	432.0	-	279.0	-	-	356.0	280.0	200.0	146.0	236.0	-	-	
100	34.0	34.0	505.0	40.0	-	40.0	622.0	546.0	-	356.0	-	-	432.0	384.0	305.0	273.0	384.0	-	-	

SE refers to small envelope

PART NUMBER

Load Cell Capacity	Part No.	Weight Approx. (kg)
10Kilb-25Kilb	102BHM1-(10-25)Kilb	21.7
50Kilb-75Kilb	102BHM1-(50-75)Kilb	41.0
100Kilb	102BHM1-SE100Kilb	42.5
100Kilb-125Kilb	102BHM1-(100-125)Kilb	-
200Kilb	102BHM1-200Kilb	450.0
5t-15t	102BHM1-(5-15)t	21.7
25t-35t	102BHM1-(25-35)t	41.0
50t	102BHM1-50t	-
100t	102BHM1-100t	-

INTERCHANGEABLE REFERENCE

Brand	Model
Rice Lake TSA
Vishay Sensortronics 65058-TSA

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102BSM5

Stainless Steel



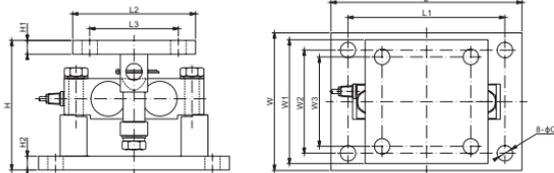
Features:

- Compact rugged & symmetrical design structure
- Assembly: Model 102BS double ended shear beam load cell
- Capacities: 50Kib-75Kib
- Self-checking with integrated uplift protection
- Top Plate bolts directly to tank leg; no need for additional hardware

Load Cell Certifications:



Load Cell Not Included.



DIMENSIONS

LOAD CELL CAPACITY	C	H	H1	H2	L	L1	L2	L3	W	W1	W2	W3
Kib/inches												
50-75	1.13	9.42	1.00	1.00	14.00	11.50	9.00	6.50	10.00	9.00	7.50	6.50
kg/mm (conversion of above dimensions)												
22.68-34.02	28.7	239.3	25.4	25.4	355.6	292.1	228.6	165.1	254.0	228.6	190.5	165.1

PART NUMBER

Load Cell Capacity	Part No.	Shipping Weight Approx. (kg/lb)
50Kib-75Kib	102BSM5-(50-75)Kib	45.3/99.87

INTERCHANGEABLE REFERENCE

Brand	Model
Rice Lake	RL2100HE



102ESM2

Stainless Steel



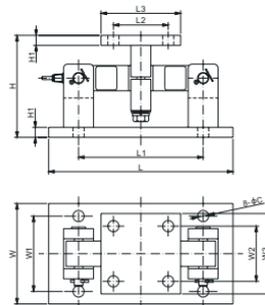
Features:

- Assembles: 102ES double ended beam load cell
- Capacities: 1Kib-75Kib
- Self-checking with anti-lifting protection

Load Cell Certifications:



Load Cell Not Included.



DIMENSIONS

LOAD CELL CAPACITY	C	H	H1	L	L1	L2	L3	W	W1	W2	W3
Kib/inches											
1-5	0.56	5.00	0.50	6.25	6.25	2.75	4.00	5.00	3.75	2.75	4.00
10-25	0.81	7.89	0.75	12.00	7.50	8.00	8.00	8.00	6.00	6.00	8.00
35	0.81	8.02	0.75	12.00	7.50	8.00	8.00	8.00	6.00	6.00	8.00
50-75	0.81	9.21	1.00	16.25	11.50	6.50	9.00	12.00	9.50	6.50	9.00
kg/mm (conversion of above dimensions)											
453.8-2.268	14.2	127.0	12.7	235.0	158.8	69.9	101.6	127.0	95.3	69.9	101.6
4,535.9-11,339.8	20.6	200.4	19.0	304.8	190.5	152.4	203.2	203.2	152.4	152.4	203.2
15,815.7	20.6	203.8	19.0	304.8	190.5	152.4	203.2	203.2	152.4	152.4	203.2
22,679.6-34,019.4	20.6	236.5	25.4	412.8	292.0	165.1	228.6	304.8	241.3	165.1	228.6

PART NUMBER

Load Cell Capacity	Part No.	Shipping Weight Approx. (kg)
1Kib-5Kib	102ESM2-(1-5)Kib	7.7
10Kib-25Kib	102ESM2-(10-25)Kib	30.0
35Kib	102ESM2-35Kib	30.0
50Kib-60Kib	102ESM2-(50-60)Kib	67.5
75Kib	102ESM2-75Kib	-

INTERCHANGEABLE REFERENCE

Brand	Model
Rice Lake	RL1600 HE*
Mettler Toledo	VLM3S

* RL1600 HE: up to 25Kib

AVAILABLE OPTION

- Alloy steel version: 102EHM2 (page 158)

102DHM3

Alloy Steel



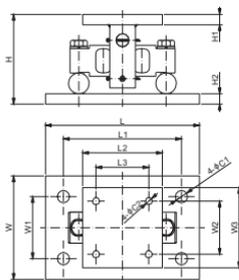
Features:

- Assembles: 102DH double ended beam load cell
- Capacities: 5Kib-250Kib
- Center pivoted and self-checking with anti-lifting protection
- Sliding pin design compensates for thermal expansion and contraction

Load Cell Certifications:



Load Cell Not Included.



DIMENSIONS

LOAD CELL CAPACITY	DIMENSIONS												
	C1	C2	H	H1	H2	L	L1	L2	L3	W	W1	W2	W3
Kib/inches													
5-25	1.06	0.56	5.30	0.50	0.75	11	8.00	5.50	3.00	7.50	4	3.00	5.50
30-75	1.19	0.68	8.41	0.75	0.94	15	11.5	7.76	5.12	10.0	6	5.12	7.76
100	1.38	0.81	9.27	1.00	1.25	18	14.0	10.0	7.50	12.0	9	7.50	10.0
150	1.38	0.81	9.82	1.00	1.25	18	14.0	10.0	7.50	12.0	9	7.50	10.0
200-250	1.88	1.06	14.58	1.25	1.50	24	20.0	12.0	9.00	12.0	8	9.00	12.0
mm (conversion of above dimensions)													
2.3-9.1	26.9	14.2	134.6	12.7	19.1	279.4	203.2	139.7	76.2	190.5	101.6	76.2	139.7
13.6-34	30.2	17.3	213.6	19.1	23.8	381.0	292.1	197.0	130.0	254.0	152.4	130.0	197.0
45.4	35.1	20.6	235.3	25.4	31.8	457.2	355.6	254.0	190.5	304.8	228.6	190.5	254.0
68	35.1	20.6	244.2	25.4	31.8	457.2	355.6	254.0	190.5	304.8	228.6	190.5	254.0
90.7-113.6	47.8	26.9	370.3	31.8	38.1	610.0	508.0	304.8	228.6	304.8	203.2	228.6	304.8

PART NUMBER

Load Cell Capacity	Part No.	Weight Approx. (kg)
5Kib-20Kib	102DHM3-(5-20)Kib	13.0
30Kib-75Kib	102DHM3-(30-75)Kib	38.8
100Kib	102DHM3-100Kib	62.0
150Kib	102DHM3-150Kib	62.0
200Kib-250Kib	102DHM3-(200-250)Kib	150.0

INTERCHANGEABLE REFERENCE

Brand	Model
Rice Lake	EZ Mount 1*

* H of EZ Mount 1:
 - 10.37inch/263.4mm for 100Kib & 150Kib
 - 16.75inch/425.5mm for 200Kib-250Kib

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ANYLOAD

102DSM3

Stainless Steel



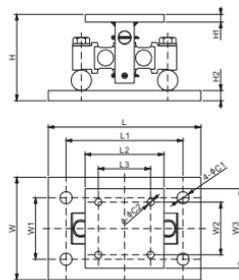
Features:

- Assembles: 102DS double ended beam load cell
- Capacities: 5Kib-250Kib
- Center pivoted and self-checking with anti-lifting protection
- Sliding pin design compensates for thermal expansion and contraction

Load Cell Certifications:



Load Cell Not Included.



DIMENSIONS

LOAD CELL CAPACITY	DIMENSIONS												
	C1	C2	H	H1	H2	L	L1	L2	L3	W	W1	W2	W3
Kib/inches													
5-25	1.06	0.56	5.30	0.50	0.75	11	8.00	5.50	3.00	7.50	4	3.00	5.50
30-75	1.19	0.68	8.41	0.75	0.94	15	11.5	7.76	5.12	10.0	6	5.12	7.76
100	1.38	0.81	9.27	1.00	1.25	18	14.0	10.0	7.50	12.0	9	7.50	10.0
150	1.38	0.81	9.82	1.00	1.25	18	14.0	10.0	7.50	12.0	9	7.50	10.0
200-250	1.88	1.06	14.58	1.25	1.50	24	20.0	12.0	9.00	12.0	8	9.00	12.0
mm (conversion of above dimensions)													
2.3-9.1	26.9	14.2	134.6	12.7	19.1	279.4	203.2	139.7	76.2	190.5	101.6	76.2	139.7
13.6-34	30.2	17.3	213.6	19.1	23.8	381.0	292.1	197.0	130.0	254.0	152.4	130.0	197.0
45.4	35.1	20.6	235.3	25.4	31.8	457.2	355.6	254.0	190.5	304.8	228.6	190.5	254.0
68	35.1	20.6	244.2	25.4	31.8	457.2	355.6	254.0	190.5	304.8	228.6	190.5	254.0
90.7-113.6	47.8	26.9	370.3	31.8	38.1	610.0	508.0	304.8	228.6	304.8	203.2	228.6	304.8

PART NUMBER

Load Cell Capacity	Part No.	Weight Approx. (kg)
5Kib-20Kib	102DSM3-(5-20)Kib	13.0
30Kib-75Kib	102DSM3-(30-75)Kib	38.8
100Kib	102DSM3-100Kib	62.0
150Kib	102DSM3-150Kib	62.0
200Kib-250Kib	102DSM3-(200-250)Kib	150.0

INTERCHANGEABLE REFERENCE

Brand	Model
Rice Lake	EZ Mount 1 Stainless Steel*

* H of EZ Mount 1 Stainless Steel:
 - 10.37inch/263.4mm for 100Kib-150Kib

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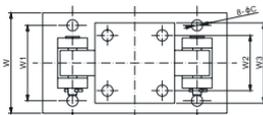
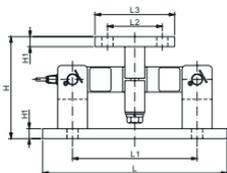
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Load Cell Certifications:



Load Cell Not Included.



DIMENSIONS

LOAD CELL CAPACITY	C	H	H1	L	L1	L2	L3	W	W1	W2	W3
Kilb/inches											
1-5	0.56	5.00	0.50	9.25	6.25	2.75	4.00	5.00	3.75	2.75	4.00
10-25	0.81	7.89	0.75	12.00	7.50	6.00	8.00	8.00	6.00	6.00	8.00
35	0.81	8.92	0.75	12.00	7.50	6.00	8.00	8.00	6.00	6.00	8.00
50-75	0.81	9.31	1.00	16.25	11.50	6.50	9.00	12.00	9.50	6.50	9.00
kg/mm (conversion of above dimensions)											
455.9-2.268	14.2	127.0	12.7	235.0	158.8	69.9	101.6	127.0	95.3	69.9	101.6
4,533.9-11,339.8	20.6	200.4	19.0	304.8	190.5	152.4	203.2	203.2	152.4	152.4	203.2
15,817.3	20.6	203.8	19.0	304.8	190.5	152.4	203.2	203.2	152.4	152.4	203.2
22,679.6-34,019.4	20.6	238.5	25.4	412.8	292.0	165.1	228.6	304.8	241.3	165.1	228.6

PART NUMBER

Load Cell Capacity	Part No.	Weight Approx. (kg)
1Kilb-5Kilb	102EHM2-(1-5)Kilb	7.7
10Kilb-25Kilb	102EHM2-(10-25)Kilb	30.0
35Kilb	102EHM2-35Kilb	30.0
50Kilb-60Kilb	102EHM2-(50-60)Kilb	67.5
75Kilb	102EHM2-75Kilb	-

INTERCHANGEABLE REFERENCE

Brand	Model
Rice Lake	RL1600
Mettler Toledo	VLM3C
Vishay Sensortronics	65016-TWA

AVAILABLE OPTION

- Stainless steel version: 102ESM2 (page 155)

Description:

The MK4-102EHM2 weigh module kit uses four double ended beam load cells to provide a high degree of durability for your hopper and tank weighing applications. Common applications include medium-to heavy-capacity bins, hopper, and tank weighing, and other bulk material measurement needs. The kit is a stable weighing solution for medium-to high-capacity ranges. Each kit comes with an IP67 water-resistant junction box and 65ft cable.



Features:

- CE, RoHS and ExNepsi certified load cells
- Uplift protection
- Allowance for thermal expansion
- Junction box equipped with corner trim pots
- Conventional wiring and color code

Complete Set Includes:

- (4 pcs) Four 102EH Alloy Steel double-ended beam load cells
- (4 pcs) Four sets 102EHM2 Alloy Steel weigh modules
- (1 pcs) One J04SA-16 water-resistant junction box
- (1 roll) 65ft (20m) cable, 4-wire PVC cable with both copper braid & foil shielding (CB4-5.1-20m for up to 35Kilb, CB4-7.6-20m for 50Kilb & 60Kilb)

Load Cell Certifications:



PART NUMBER

Load Cell Capacity	Part No.	Weight Approx. (kg/lb)
2.5Kilb	MK4-102EHM2-2.5Kilb-S	39.0/86.0
5Kilb	MK4-102EHM2-5Kilb-S	39.0/86.0
10Kilb	MK4-102EHM2-10Kilb-S	133.0/293.2
15Kilb	MK4-102EHM2-15Kilb-S	133.0/293.2
25Kilb	MK4-102EHM2-25Kilb-S	133.0/293.2
35Kilb	MK4-102EHM2-35Kilb-S	137.0/302.0
50Kilb	MK4-102EHM2-50Kilb-S	316.0/696.7
60Kilb	MK4-102EHM2-60Kilb-S	316.0/696.7

102THM5-AA

Alloy Steel

ANYLOAD



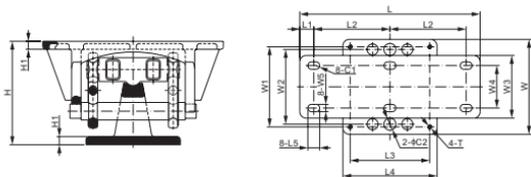
Features:

- Assemblies: 102TH double ended beam load cell
- Capacities: 50-75Kib
- Center pivoted, end-loaded and completely self-centering
- Multi-directional movements in the horizontal plane
- Links provide optimal loading conditions for the load cell
- No check rods required
- 8-shaped link has greatly improved strength over O-shaped link
- Vent holes in base allow air to escape during concrete pours, preventing air pockets

Load Cell Certifications:



Load Cell Not Included.



DIMENSIONS

LOAD CELL CAPACITY	C	C1	H	H1	L	L1	L2	L3	L4	L5	W	W1	W2	W3	W4	W5	T
50-75	1.50	0.45	12.82	1.00	22.50	1.75	9.50	9.92	11.75	1.48	11.75	9.92	9.25	7.75	5.25	0.91	1/2-13 UNC
t/mm (conversion of above dimensions)																	
22.68-34.02	38.1	11.6	325.6	25.4	571.5	44.5	241.3	252.0	298.4	37.5	298.4	252.0	235.0	196.9	133.4	23.1	1/2-13 UNC

PART NUMBER

Load Cell Capacity	Part No.	Weight Approx. (kg)
50Kib-75Kib	102THM5-AA-(50-75)Kib	63.0

INTERCHANGEABLE REFERENCE

Brand	Model
Rice Lake	Translink

ANYLOAD

106MHM1

Alloy Steel



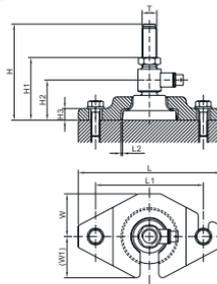
Features:

- Assemblies: 106MS-F-YZ Fatfoot load cell
- Capacities: 500kg, 1t, 2t, 1Kib, 2.5Kib, 5Kib, 10Kib
- Center pivoted and Self-checking with 50% rated load anti-lifting protection
- All direction for thermal expansion and contraction

Load Cell Certifications:



Load Cell Not Included.



DIMENSIONS

LOAD CELL CAPACITY	H	H1	H2	H3	L	L1	L2	W	W1	T
Kib/inches										
1-2.5	3.75	2.67-3.58	1.72	0.55	6.89	5.51	0.08	1.97	1.95	1/2-20 UNF
5-10	4.87	3.07-4.65	2.00	0.59	7.28	5.51	0.08	2.17	2.13	3/4-16 UNF
t/mm										
0.5-1	95.3	68.0-91.0	43.8	14.0	175.0	140.0	2.0	50.0	49.5	M12
2	111.8	70.0-108.0	43.8	14.0	175.0	140.0	2.0	50.0	49.5	M16

PART NUMBER

Load Cell Capacity	Part No.	Weight Approx. (kg)
1Kib-2.5Kib	106MHM1-(1-2.5)Kib	1.38
5Kib-10Kib	106MHM1-(5-10)Kib	-
0.5t-1t	106MHM1-(0.5-1)t	1.38
2t	106MHM1-2t	-

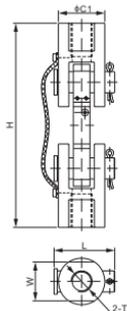
**Features:**

- Assemblies: 110BH tension link load cell
- Capacities: 1t-10t
- Self-checking
- Tension loading design with no threaded bolt connection in between

Load Cell Certifications:



Load Cell Not Included.

**DIMENSIONS**

LOAD CELL CAPACITY	C1	H	L	W	T
kg/mm					
1,000	35	125	46	27	1/2-20 UNF Depth20
2,000	45	184	57	35	3/4-18 UNF Depth30
5,000	65	216	77	52	1-14 UNS Depth30
10,000	85	296	98	55	1-1/2-12UNF Depth45
lb/inches (conversion of above dimensions)					
1102.3-2,202.6	1.38	4.92	1.81	1.06	1/2-20 UNF Depth0.79
4,405.3	1.77	7.24	2.24	1.38	3/4-18 UNF Depth1.18
11,013.2	2.56	8.50	3.03	2.05	1-14 UNS Depth1.18
22,026.4	3.35	11.65	3.86	2.16	1-1/2-12UNF Depth1.77

PART NUMBER

Load Cell Capacity	Part No.	Weight Approx. (kg)
1t.....	110BHM3-1t.....	0.6
2t.....	110BHM3-2t.....	1.2
5t.....	110BHM3-5t.....	3.0
10t.....	110BHM3-10t.....	6.4

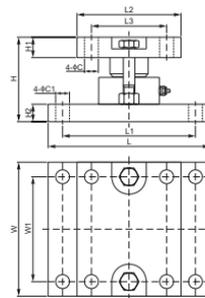
**Features:**

- Assemblies: 276EH compression load cell
- Capacities: 25t - 100t
- Self-checking with anti-lifting protection
- Flexible design allows for multi-directional movements
- Ideal for tank and silo weighing applications
- Low headroom
- Equipped with lateral stops

Load Cell Certifications:



Load Cell Not Included.

**DIMENSIONS**

LOAD CELL CAPACITY	C	C1	H	H1	H2	L	L1	L2	L3	W	W1
mm											
25	21	21	105	30	25	250	205	160	110	205	160
50	24	24	145	35	30	280	230	180	130	230	180
100	28	28	220	50	45	300	250	200	150	260	200
lb/inches (conversion of above dimensions)											
55.1	0.83	0.83	4.13	1.18	0.98	9.84	8.07	6.30	4.33	8.07	6.30
110.2	0.94	0.94	5.71	1.38	1.18	11.02	9.06	7.09	5.12	9.06	7.09
220.5	1.10	1.10	8.66	1.97	1.77	11.81	9.84	7.87	5.91	10.24	7.87

PART NUMBER

Load Cell Capacity	Part No.	Weight Approx. (kg)
25t.....	276EHM1-25t.....	17.3
50t.....	276EHM1-50t.....	27.8
100t.....	276EHM1-100t.....	49.5

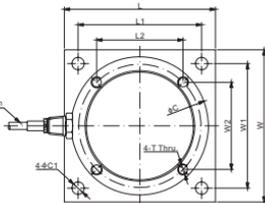
ThinWeigh®



Features:

- Super thin, very low profile, excellent for limited space applications, such as tank, hopper and silo weighing
- High grade stainless steel, hermetic seal, IP68/IP69K
- Allows for 360° thermal expansion
- Uplift protection and side load protection
- No need assembly before installation

Mounting Top Plate (not shown in the picture): to order separately

Capacity<=100Kib/5t / Cable#5, 1X6m
Capacity>=25Kib/12t / Cable#7, 6X6m or 10m

DIMENSIONS

RATED CAPACITY	C	C1	H	H1	H2	L	L1	L2	W	W1	W2	T
Kilobines												
1-2.5	3.94	0.35	1.02	0.65	0.26	4.33	3.54	2.48	4.33	3.54	2.48	5/16-18 UNC-2B
5-10	4.72	0.35	1.40	0.93	0.33	5.12	4.33	3.00	5.12	4.33	3.00	3/8-16 UNC-2B
25-50	5.75	0.53	2.17	1.38	0.55	6.22	4.92	3.51	6.22	4.92	3.51	1/2-20 UNF-2B
100	8.43	0.83	3.07	1.97	0.83	9.84	8.11	4.98	9.84	8.11	4.98	3/4-16 UNF-2B
200	9.84	1.06	3.82	2.32	1.14	11.22	8.86	5.76	11.22	8.86	5.76	1-14 UNS-2B
mm												
0.5-1.2	100.0	9.0	26.0	16.5	6.5	110.0	90.0	62.9	110.0	90.0	62.9	M8x1.25
2.5-5	120.0	9.0	35.5	23.5	8.5	130.0	110.0	76.4	130.0	110.0	76.4	M10x1.5
12-25	146.0	13.5	55.0	35.0	14.0	158.0	125.0	89.1	158.0	125.0	89.1	M12x1.75
50	214.0	21.0	78.0	50.0	21.0	250.0	206.0	126.6	250.0	206.0	126.6	M18x2.5
100	250.0	27.0	97.0	59.0	29.0	285.0	225.0	146.4	285.0	225.0	146.4	M24x3

SPECIFICATIONS

Full Scale Output	3.0 mV/V ± 0.25%	Element Material	17-4PH Stainless Steel
Zero Balance	Cap. < 1.2t/2.5Kib: < ± 0.04 mV/V	Recommended Excitation	10V (15V Maximum)
Non-linearity	Cap. < 2t/2.5Kib: < ± 0.05%	Insulation Resistance	> 2 [50V DC] / GΩ
	Cap. 2.5t-12t/5K-25Kib: < ± 0.1% or < ± 0.3%	Thermal Expansion / Contraction or Minor Misalignment	500K - 5t / 1K - 10Kib: 2mm 12t - 100t / 25Kib - 50t: 3mm
	Cap. > 25t/50Kib: < ± 0.3%	Compensated Temperature Range	-10°C to 50°C / 14°F to 122°F
Repeatability	< ± 0.05%	Safe Overload	150% of full scale
Hysteresis Error	Cap. < 1.2t/2.5Kib: < ± 0.05%	Breaking Overload	300% of full scale
	Cap. 2.5t-12t/5K-25Kib: < ± 0.1% or < ± 0.3%	Up Lift Protection	50% of full scale
Creep in 30 min.	< ± 0.05%	Side Load Protection	50% of full scale
Input Resistance	7000 ± 10	Seal Type / IP Rating	Hermetic Seal / IP68/IP69K
Output Resistance	700 ± 5	Cable Color Code	Exc+ Red Exc- Black Sig+ Green Sig- White Shield Bare

AVAILABLE OPTIONS

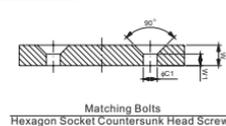
- Alloy Steel construction: 363TSM1

PART NUMBER

Cable Length: 6m		Weight
Rated Capacity	Part No.	Approx. (kg)
1Kib.....	363TSM1-1Kib	2.0
2.5Kib.....	363TSM1-2.5Kib	2.0
5Kib.....	363TSM1-5Kib	3.2
10Kib.....	363TSM1-10Kib	3.2
25Kib.....	363TSM1-25Kib	7.4
50Kib.....	363TSM1-50Kib	7.4
100Kib.....	363TSM1-100Kib	27.2
200Kib.....	363TSM1-200Kib	43.0

Cable Length: 10m		Weight
Rated Capacity	Part No.	Approx. (kg)
25Kib.....	363TSM1-25Kib-10m	7.4
50Kib.....	363TSM1-50Kib-10m	7.4
100Kib.....	363TSM1-100Kib-10m	27.6
200Kib.....	363TSM1-200Kib-10m	43.4

MOUNTING TOP PLATE

Matching Bolts
Hexagon Socket Counter-sunk Head Screws

DIMENSIONS

RATED CAPACITY	C1	C2	H	H1	L	L1	W	W1	T
Kilobines									
1-2.5	0.35	3.50	4.33	3.54	4.33	3.54	0.50	0.24	5/16-18 UNC-2B
5-10	0.43	4.25	5.12	4.33	5.12	4.33	0.83	0.35	3/8-16 UNC-2B
25-50	0.53	4.98	6.22	4.92	6.22	4.92	0.79	0.47	1/2-20 UNF-2B
100	0.83	7.05	9.84	8.11	9.84	8.11	1.00	0.55	3/4-16 UNF-2B
200	1.06	8.15	11.22	8.86	11.22	8.86	1.50	0.91	1-14 UNS-2B
mm									
0.5-1.2	9.0	89.0	110.0	90.0	110.0	90.0	12.7	6.2	M8x1.25
2.5-5	11.0	108.0	130.0	110.0	130.0	110.0	16.0	9.0	M10x1.5
12-25	13.5	126.0	158.0	125.0	158.0	125.0	20.0	12.0	M12x1.75
50	21.0	179.0	250.0	206.0	250.0	206.0	25.4	13.9	M18x2.5
100	27.0	207.0	285.0	225.0	285.0	225.0	38.1	23.1	M24x3

PART NUMBER

Rated Capacity	Part No.	Weight
		Approx. (kg)
1Kib-2.5Kib.....	TP363TSM1-(1-2.5)Kib	1.3
5Kib-10Kib.....	TP363TSM1-(5-10)Kib	2.2
25Kib-50Kib.....	TP363TSM1-(25-50)Kib	4.0
100Kib.....	TP363TSM1-100Kib	13.0
200Kib.....	TP363TSM1-200Kib	25.0

PART NUMBER

Rated Capacity	Part No.	Weight
		Approx. (kg)
0.5t-1.2t.....	TP363TSM1-(0.5-1.2)t	1.3
2.5t-5t.....	TP363TSM1-(2.5-5)t	2.2
12t-25t.....	TP363TSM1-(12-25)t	4.0
50t.....	TP363TSM1-50t	13.0
100t.....	TP363TSM1-100t	25.0

Description:

The 363TSM1 ThinWeigh® leads the industry as an integrated compression weigh module that is high capacity and ultra low-profile, ideally suited for tank, hopper, and vessel weighing. Our patented internal design significantly improved accuracy and repeatability compared to the traditional load pin design while also improving performance under variable loading conditions and temperature fluctuations. The ThinWeigh® is a superior alternative to conventional weigh modules.



Features:

- Low profile
- Combined load cell and weigh mount
- Side load and uplift protection up to 50% of rated capacity
- Optional top plate available with threaded top holes for symmetrical mounting
- 17-4PH stainless steel construction (IP68/IP69K hermetic seal)

OPTIONAL MOUNTING TOP PLATE

- Accessory item number (page 165)



PART NUMBER		
Load Cell Capacity	Part No.	Weight Approx. (kg/lb)
1Kib.....	MK4-363TSM1-1Kib-S.....	-
2.5Kib.....	MK4-363TSM1-2.5Kib-S.....	9.3/20.5
5Kib.....	MK4-363TSM1-5Kib-S.....	14.1/31.1
10Kib.....	MK4-363TSM1-10Kib-S.....	14.1/31.1
25Kib.....	MK4-363TSM1-25Kib-S.....	30.9/68.1
50Kib.....	MK4-363TSM1-50Kib-S.....	30.9/68.1
100Kib.....	MK4-363TSM1-100Kib-S.....	110/243
200Kib.....	MK4-363TSM1-200Kib-S.....	173/382

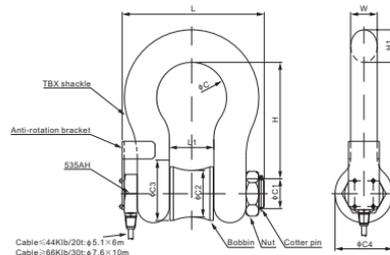


Load Cell Certifications:



Features:

- Load cell and shackle integration
- High tensile anchor shackle meets ISO2415-2004 requirements
- Bobbin design provides high accuracy and repeatability



Cable ≤ 44Kib/20t: φ5.1 × 6m
Cable ≥ 66Kib/30t: φ7.6 × 10m

LOAD CELL CAPACITY	DIMENSIONS									
	C	C1	C2	C3	C4	H	H1	L	L1	W
t/mm										
5	43	20	30	34	38	60.5	17.5	101	27	16
10	58.5	30	45	50	60.5	95	27	146	43	25.5
15	74	33	50	55	68.5	108	32	160	46	29.5
20	92	39	58	65	84	133.5	38	186	57	36
30	98.5	42	63	70	92	146	41	205	60.5	39
50	146	60	90	100	122	197	61	295	82.5	53
100	200	85	128	142	165	330	92	438	127	76

SPECIFICATIONS			
Full Scale Output	2.5 mV/V ± 5%	Recommended Excitation	10V (15V Maximum)
Zero Balance	< ± 0.02 mV/V	Insulation Resistance	> 2 | 50V DC | GD
Non-linearity	< ± 1%	Nominal Temperature Range	-10°C to 50°C / 14°F to 122°F
Repeatability	< ± 0.5%	Safe Overload	150% of full scale
Hysteresis Error	< ± 1%	Breaking Overload	300% of full scale
Creep in 30 min.	< ± 0.5%	Seal Type / IP Rating	Environmentally Sealed / IP67
Input Resistance	350D ± 10	Cable Color Code	Exc+ Red Exc- Black Sig+ Green Sig- White Shield Bare
Output Resistance	350D ± 3		
Element Material	Alloy steel		

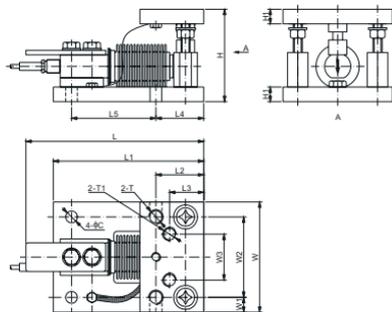
PART NUMBER		
Load Cell Capacity	Part No.	Weight Approx. (kg)
5t.....	535AHM2-5t.....	1.2
10t.....	535AHM2-10t.....	3.6
15t.....	535AHM2-15t.....	5.4
20t.....	535AHM2-20t.....	9.2
30t.....	535AHM2-30t.....	7.4
50t.....	535AHM2-50t.....	17.0
100t.....	535AHM2-100t.....	63.0

**Features:**

- Assemblies: 563RS single ended beam load cell
- Material: Stainless steel
- Capacities: 5-200kg
- Self-checking with anti-lifting protection
- Multi-directional overloading isolation for the load cell
- Equipped with lateral stops

Load Cell Certifications:

Load Cell Not Included.

**DIMENSIONS**

LOAD CELL CAPACITY	C	H	H1	L	L1	L2	L3	L4	L5	W	W1	W2	W3	T	T1
kg/mm															
5-200	12.9	80.0	12.7	156.0	132.0	42.0	30.0	42.0	76.0	96.0	13.0	70.0	40.0	1/2-20 UNF	M12
lb/inches (conversion of above dimensions)															
11.02-440.92	0.51	3.15	0.50	6.14	5.20	1.65	1.18	1.65	2.99	3.78	0.51	2.76	1.57	1/2-20 UNF	M12

PART NUMBER

Load Cell Capacity	Part No.	Weight Approx. (kg)
5kg-200kg	563RSM5-(5-200)kg	2.04

INTERCHANGEABLE REFERENCE

Brand	Model
Rice Lake	1700HE

Description:

The MK4-563RSM5 offers a stainless steel constructed washdown IP68/69K certified waterproof product. Ideal for chemical-and food-related applications, the kit provides outstanding performance in hostile environments, built to last in any messy situation. The OIML and NTEP approved load cells deliver accurate readings for lower capacities up to 200kg. Common applications include batching/blending and chemical/food processing. Two slots on the baseplate facilitate ease of use. Each kit comes with an IP67 water-resistant junction box and 65ft of cable.

**Load Cell Certifications:****Features:**

- NTEP certified load cells from 5kg-200kg
- OIML certified load cells from 10kg-200kg
- CE, RoHS, and ExNepsi certified load cells
- IP68/IP69K certified waterproof construction
- Uplift protection and overload protection
- Conventional wiring and color code

PART NUMBER

Load Cell Capacity	Part No.	Weight Approx. (kg/lb)
10kg	MK4-563RSM5-10kg-S	12.0/26.5
20kg	MK4-563RSM5-20kg-S	12.0/26.5
50kg	MK4-563RSM5-50kg-S	12.0/26.5
100kg	MK4-563RSM5-100kg-S	12.0/26.5
200kg	MK4-563RSM5-200kg-S	12.0/26.5

Complete Set Includes:

- (4 pcs) Four 563RS Stainless Steel single-ended shear beam load cells
- (4 pcs) Four 563RSM5 Stainless Steel weigh modules
- (1 pcs) One J04SS water-resistant junction box
- (1 roll) 65ft (20m) cable, 4-wire PVC cable with both copper braid & foil shielding (CB4-5.1-20m)

563YHM4-02

Alloy Steel



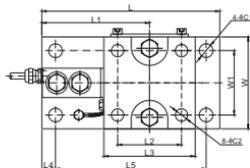
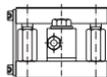
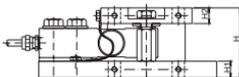
Load Cell Certifications:



Load Cell Not Included.

Features:

- Assemblies: 563YH alloy steel shear beam load cell
- Capacities: 100lb-20Klb/100kg-10t
- Integral "Jacking" for easy load cell removal/installation
- Rocker pin design-allows for 360° thermal expansion
- Both uplift and overload protection with lateral stops
- Versatile mounting options for conventional tank/vessel leg
 - Able to use existing 4-square tank leg mount holes in floor
 - Free to rotate for fixed position 360° w/same 4-mount holes
 - Able to flip entire mount 180° for further mount options
- Side holes each side for shipping & installation brackets
- Flexible stainless steel braided grounding strap



DIMENSIONS

LOAD CELL CAPACITY	C1	C2	H	H1	H2	L	L1	L2	L3	L4	L5	W	W1
lb/inches													
100-4,000/SE5,000	0.59	0.53	2.99	0.71	0.67	7.68	4.65	2.76	3.94	0.59	6.50	3.94	2.76
5,000-10,000	0.71	0.59	4.33	1.06	0.98	9.57	6.00	3.35	4.72	0.75	8.07	4.72	3.35
15,000-20,000	0.87	0.79	5.73	1.42	1.26	12.52	7.76	4.09	5.98	1.00	10.52	5.98	4.09
kg/mm													
100-2,000	15.0	13.5	76.0	18.0	17.0	195.0	118.0	70.0	100.0	15.0	165.1	100.0	70.0
3,000-5,000	18.0	15.0	110.0	27.0	25.0	243.0	152.5	85.0	120.0	19.0	205.0	120.0	85.0
10,000	22.0	20.0	145.5	36.0	32.0	318.0	197.0	104.0	152.0	25.4	267.2	152.0	104.0

SE refers to small envelope

PART NUMBER		
Load Cell Capacity	Part No.	Weight Approx. (kg)
100lb-SE5Klb.....	563YHM4-(0-1-SE5)Klb-02.....	4.2
5Klb-10Klb.....	563YHM4-(5-10)Klb-02.....	9.8
15Klb-20Klb*.....	563YHM4-(15-20)Klb-02.....	20.5
100kg-2t.....	563YHM4-(100kg-2t)-02.....	4.2
3t-5t.....	563YHM4-(3-5)t-02.....	9.8
10t.....	563YHM4-10t-02.....	20.5

* 15Klb-20Klb is not applicable to 563YH-23

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MK4-563YHM4

Description:

The MK4-563YHM4 weigh module kit features four best-selling 563YH true shear beam load cells and weigh modules, including home run cable and junction box. Our rocker pin-loading design provides ideal freedom for proper alignment and thermal expansion. Each weigh module is fully protected from both overload and uplift. This adaptable low-profile kit is ideal for saving installation time with four additional bolt holes in the bottom plate, thus matching the typical tank leg bolt pattern in the floor, for ease of installation. The weigh module kit is ideal for a wide range of weighing applications, including most outdoor tank and vessel weighing needs. Each kit comes with an IP67 water-resistant junction box and 65ft cable.



Features:

- NTEP certified true shear beam load cells (from 250lb-20Klb & 200kg-5t)
- OIML certified true shear beam load cells (from 1Klb-20Klb & 500kg-10t)
- CE, RoHS, and ExNepsi certified load cells
- Uplift protection
- Allowance for thermal expansion
- Top plate mounts directly to vessel / tank leg
- Conventional wiring and color code

Load Cell Certifications:



Complete Set Includes:

- (4 pcs) Four 563YH Alloy Steel single-ended true shear beam load cells
- (4 pcs) Four 563YHM4 Alloy Steel weigh modules
- (1 pcs) One J04SA-16 water-resistant junction box with GORE Breather Vent
- (1 roll) 65ft (20m) cable, 4-wire PVC cable with both copper braid & foil shielding (CB4-5.1-20m)

PART NUMBER		
Load Cell Capacity	Part No.	Weight Approx. (kg/lb)
100lb.....	MK4-563YHM4-100lb-S.....	22.0/48.5
250lb.....	MK4-563YHM4-250lb-S.....	22.0/48.5
500lb.....	MK4-563YHM4-500lb-S.....	22.0/48.5
1Klb.....	MK4-563YHM4-1Klb-S.....	22.0/48.5
2Klb.....	MK4-563YHM4-2Klb-S.....	22.0/48.5
2.5Klb.....	MK4-563YHM4-2.5Klb-S.....	22.0/48.5
4Klb.....	MK4-563YHM4-4Klb-S.....	22.0/48.5
SE5Klb.....	MK4-563YHM4-SE5Klb-S.....	22.0/48.5
5Klb.....	MK4-563YHM4-5Klb-S.....	25.0/55.1
10Klb.....	MK4-563YHM4-10Klb-S.....	25.0/55.1

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563YHM2-02

Alloy Steel



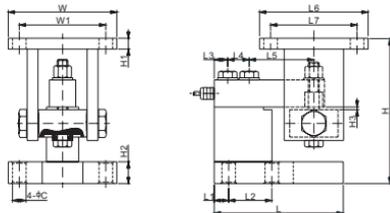
Features:

- Assemblies: 563YH single ended beam load cell
- Capacities: 100lb-10Klb/100kg-5t
- Center pivoted and self-checking
- Tension load applied to the load cell is converted to compression load application for the weigh module
- Spherical washers enable greater weigh module floating freedom

Load Cell Certifications:



Load Cell Not Included.



DIMENSIONS

LOAD CELL CAPACITY	C	H _{Mini} /Max	H1	H2	H3 _{Mini}	L	L1	L2	L3	L4	L5	L6	L7	W	W1
lb/inches															
100-4,000-SE5,000	0.63	6.50/6.69	0.50	1.00	0.13	5.98	0.67	2.00	0.62	1.00	3.00	5.04	4.02	5.04	4.02
5,000-10,000	0.63	6.50/6.69	0.50	1.00	0.13	7.76	1.06	2.99	0.75	1.50	3.75	5.04	4.02	5.04	4.02

SE refers to small envelope

PART NUMBER

Load Cell Capacity	Part No.	Weight Approx. (kg)
100lb-SE5Klb	563YHM2-02-(0-1-SE5)Klb	9.1
5Klb-10Klb	563YHM2-02-(5-10)Klb	11.0

INTERCHANGEABLE REFERENCE

Brand	Model
Rice Lake	RL1800*

*H_{Mini} of RL1800 is 5.25/5.56 inch for 100lb to SE5Klb, 6.12/6.62 inch for 5Klb to 10Klb.

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563YHM2-03

Alloy Steel



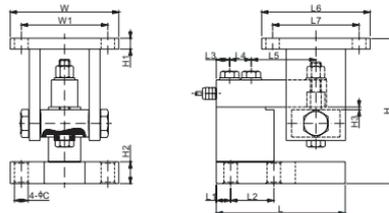
Features:

- Assemblies: 563YH single ended beam load cell
- Capacities: 100lb-10Klb/100kg-5t
- Center pivoted and self-checking
- Tension load applied to the load cell is converted to compression load application for the weigh module
- Spherical washers enable greater weigh module floating freedom

Load Cell Certifications:



Load Cell Not Included.



DIMENSIONS

LOAD CELL CAPACITY	C	H _{Mini} /Max	H1	H2	H3 _{Mini}	L	L1	L2	L3	L4	L5	L6	L7	W	W1
lb/inches															
100-4,000-SE5,000	0.63	5.25/5.56	0.50	1.00	0.13	5.98	0.67	2.00	0.62	1.00	3.00	5.04	4.02	5.04	4.02
5,000-10,000	0.63	6.12/6.62	0.50	1.00	0.13	7.76	1.06	2.99	0.75	1.50	3.75	5.04	4.02	5.04	4.02
kg/mm															
100-2,000	16.0	132.4/141.2	12.7	25.4	3.18	152.0	17.0	50.8	15.80	25.4	76.2	128.0	102.1	128.0	102.1
3,000-5,000	16.0	155.4/168.1	12.7	25.4	3.18	197.0	27.0	75.9	19.10	38.1	95.3	128.0	102.1	128.0	102.1

SE refers to small envelope

PART NUMBER

Load Cell Capacity	Part No.	Weight Approx. (kg)
100lb-SE5Klb	563YHM2-03-(0-1-SE5)Klb	9.1
5Klb-10Klb	563YHM2-03-(5-10)Klb	11.0
100kg-2t	563YHM2-03-(100kg-2t)	9.1
3t-5t	563YHM2-03-(3-5)t	11.0

INTERCHANGEABLE REFERENCE

Brand	Model
Rice Lake	RL1800

563YSM3-02

ANYLOAD

Stainless Steel



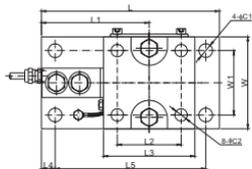
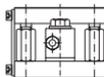
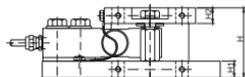
Features:

- Assembles: 563YS single ended beam load cell
- Capacities: 500lb-10Klb/250kg-5t
- Anti-lifting and overloading protection
- Rocker pin loading design
- Equipped with lateral stops

Load Cell Certifications:



Load Cell Not Included.



DIMENSIONS

LOAD CELL CAPACITY	C1	C2	H	H1	H2	L	L1	L2	L3	L4	L5	W	W1
lb/inches													
500-4,000-SE5K000	0.59	0.53	2.99	0.71	0.67	7.68	4.65	2.76	3.94	0.59	6.50	3.94	2.76
5,000-10,000	0.71	0.59	4.33	1.06	0.98	9.57	6.00	3.35	4.72	0.75	8.07	4.72	3.35
kg/mm													
250-2,000	15.0	13.5	76.0	18.0	17.0	195.0	118.0	70.0	100.0	15.0	165.1	100.0	70.0
3,000-5,000	18.0	15.0	110.0	27.0	25.0	243.0	152.5	85.0	120.0	19.0	205.0	120.0	85.0

PART NUMBER

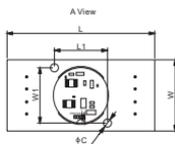
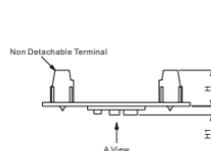
Load Cell Capacity	Part No.	Weight Approx. (kg)
500lb-SE5Klb.....	563YSM3-(0.5-SE5)Klb-02.....	4.2
5Klb-10Klb.....	563YSM3-(5-10)Klb-02.....	9.5
250kg-2t.....	563YSM3-(250kg-2t)-02.....	4.2
3t-5t.....	563YSM3-(3-5)t-02.....	9.5

AMPLIFIERS

ANYLOAD

**Features:**

- One input port, can connect directly to 1 x 350 Ω load cell @ 12 V DC power, or 2 x 350 Ω load cells @ 24 V DC power
- Input range: 0.2 - 10.0 mV/V
- Reverse polarity protection
- The chip is 24.6 mm in diameter and can be embedded within load cells, making the load cells have built-in analog signal amplification
- Software is used for calibration
- DGB-A Chips can be embedded into load cells for built-in analog signal amplification (special order required)
- Designed for all strain gauge sensors including tension, compression, torque, and pressure load cells
- PC Software available for calibration, operations, and data acquisition

**DIMENSIONS**

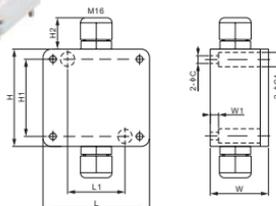
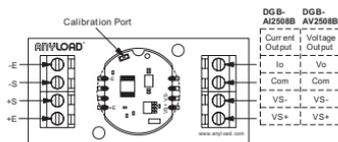
	C	H	H1	L	L1	W	W1
inches	0.14	0.61	0.16	2.52	0.91	1.21	0.94
mm	3.5	15.5	4.0	64.1	23.0	30.7	23.8

SPECIFICATIONS

Load Cell Type	All strain gage type	Non-linearity	≤0.02%
Power Supply And Consumption	12 - 24 V DC	Temperature Coefficient	≤100 ppm / °C
Input Range	0.2 - 10.0 mV/V	Output Signal	0 - 20 mA; 4 - 20 mA; or 0 - 5 VDC; 0 - 10 V DC; -5 - 5 V DC
Working Temperature	-22°F - 122°F / -30°C - 50°C		
Excitation Voltage To Load Cell	5 V DC		

PART NUMBER

Part No.	Output Signal	Shipping Weight Approx. (lb/kg)
DGB-AI2508B.....	0 - 20; 4 - 20 mA	0.09/0.04
DGB-AV2508B.....	0 - 5; 0 - 10; -5 - 5 V DC	0.09/0.04

CONNECTION DIAGRAM**DIMENSIONS**

	C	C1	H	H1	H2	L	L1	W	W1
mm	4.5	8.5	58	46	18	64	34.5	35	5
inches	0.2	0.3	2.3	1.8	0.7	2.5	1.4	1.4	0.2

SPECIFICATIONS

Load Cell Type	All strain gage type
Weight (G), approx.	kg/lb 0.17 / 0.37
Power Supply	V DC 24 ± 10%
Input Range	mV 0 - 30
Max. Power Voltage	DC 30V, 2.5A
Output Signal (Zero adjustable ± 20%)	V DC 0 - 10
	mA 4 - 20
Max. Output Current	mA 40
Max. Input Offset Voltage	μV 50
Min. Common-mode Rejection Ratio (G=10)	dB 100
Protection Class	IP66
Enclosure Material	Aluminum casting
Excitation voltage to load cell	V DC 12
Tare Limit	Shall not exceed 30% of full load
Operating temperature range	°C / °F -10 - 50 / 14 - 122
Linearity	≤ 0.02%
Voltage Full Scale Temperature Drift	ppm/°C 50
Current Full Scale Temperature Drift	ppm/°C 60

PART NUMBER

Part No.	*Compatibility with Balluff's IO-LINK Modules	Weight Approx. (kg)
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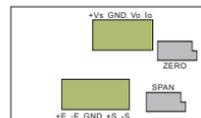
A1A-22B..... Yes..... 0.17

* compatible models of IO-Link of Balluff:

- BNI IOL-709-000-K006
- BNI IOL-710-000-K006
- BNI IOL-712-000-K023
- BNI IOL-714-000-K023

Set up note:

A1A-22B → Analogue to IO-LINK module → IO-LINK device

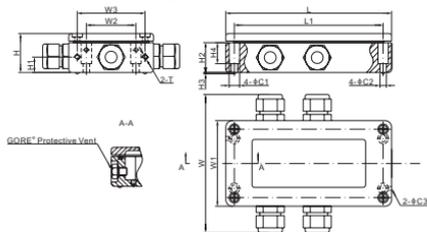
CONNECTION DIAGRAM

Analogue Amplifier



Features:

- Compact size with strong aluminum casting
- Can drive up to 8 x350 Ω load cells
- Can be connected directly to 1 or 2 load cells or connected to several load cells through a junction box
- Preinstalled GORE[®] breather vent
- Capative stainless steel screws (attached to the cover)



DIMENSIONS

	C1	C2	C3	H	H1	H2	H3	H4	L	L1	W	W1	W2	W3	T
mm	8.0	5.0	3.0	29	11.7	22.7	1.0	16	127	114	102	65	38	52	M4 Depth ⁷
inches	0.31	0.2	0.12	1.14	0.46	0.89	0.04	0.63	5.0	4.49	4.02	2.56	1.5	2.05	M4 Depth ^{0.25}

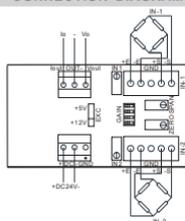
SPECIFICATIONS

Load Cell Type	All strain gage type	Linearity	$\leq 0.02\%$
Power Supply	V DC 24 $\pm 20\%$	Max. Input Offset Voltage	μ V 50
Input Range	mV 0.3-36	Min. Common-mode	dB 100
Max. Power	W 4.35	Rejection Ratio (G=10)	dB 100
Output Signal	V 0 - 10 / 0 ± 10	IP Rating	IP66
Excitation Voltage	V 4 - 20 (Adjustable $\pm 20\%$)	Enclosure Material	Aluminum casting
Voltage Full Scale	ppm/ $^{\circ}$ C 80	Excitation voltage to load cell	V 5 or 12
Temperature Drift	ppm/ $^{\circ}$ C 100	Tare Limit	Shall not exceed 30% of full load
Current Full Scale	ppm/ $^{\circ}$ C 100	Operating temperature range	$^{\circ}$ C / $^{\circ}$ F -10 - 50 / 14 - 122
Temperature Drift	ppm/ $^{\circ}$ C 100		

PART NUMBER

Part No.	Shipping Weight Approx. (kg)
A2A-D2.....	0.5

CONNECTION DIAGRAM



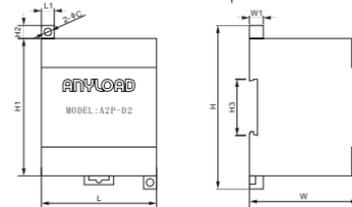
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Analogue Amplifier



CE



DIMENSIONS

	C	H	H1	H2	H3	L	L1	W	W1
mm	4.8	100	84	8	35	71	8	67.2	8.5
inches	0.2	3.9	3.3	0.3	1.4	2.8	0.3	2.6	0.3

SPECIFICATIONS

Load Cell Type	All strain gage type	Linearity	$\leq 0.02\%$
Power Supply	V DC 24	Max. Input Offset Voltage	μ V 50
Input Range	mV 0 ± 36	Min. Common-mode	dB 100
Max. Power	W 4.35	Rejection Ratio (G=10)	dB 100
Output Signal	V 0 ± 10	Installation	Standard rail channel (indoor)
Excitation Voltage	V 4 - 20	Enclosure Material	PVC casting
Voltage Full Scale	ppm/ $^{\circ}$ C 50	Excitation voltage to load cell	V 5 or 12
Temperature Drift	ppm/ $^{\circ}$ C 80	Tare Limit	Shall not exceed 30% of full load
Current Full Scale	ppm/ $^{\circ}$ C 80	Operating temperature range	$^{\circ}$ C / $^{\circ}$ F -10 - 50 / 14 - 122
Temperature Drift	ppm/ $^{\circ}$ C 80		

PART NUMBER

Part No.	Compatibility with Balluff's IO-LINK Modules	Weight Approx. (kg)
A2P-D2.....	No.....	0.2
A2P-D2B.....	Yes.....	0.2

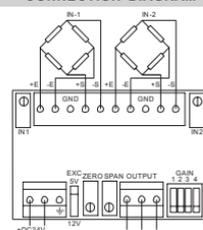
* compatible models of IO-Link of Balluff's:

- BNI IOL-709-000-K006
- BNI IOL-710-000-K006
- BNI IOL-712-000-K023
- BNI IOL-714-000-K023

Set up note:

A2P-D2B -- Analogue to IO-LINK module -- IO-LINK device

CONNECTION DIAGRAM



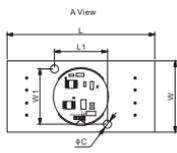
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**Features:**

- One input port, can connect directly to 1 x 350 Ω load cell or max 4 x 350 Ω (or higher resistance) load cells through a junction box
- 24 bit A/D Converter, high speed processor
- Internal digital filter and strong anti-interference ability
- Can perform up to 9 point linear calibration
- Applied to all kinds of strain gauge bridge-type load cell, such as, tension, compression, torque and so on
- Reverse polarity protection
- The chip is 24.6 mm in diameter and can be embedded within load cells, making the load cells have built-in analog signal amplification
- Software is used for calibration
- DGB-D Chips can be integrated into load cells for built-in digital signal conditioning/transmission (special order required)

Non Detachable Terminal

**DIMENSIONS**

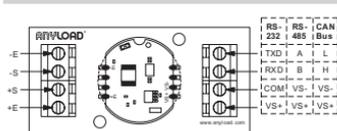
	C	H	H1	L	L1	W	W1
inches	0.14	0.61	0.16	2.52	0.91	1.21	0.94
mm	3.5	15.5	4.0	64.1	23.0	30.7	23.8

SPECIFICATIONS

Load Cell Type	All strain gage type	Non-linearity	≤0.01%
Power Supply	9-24 V DC	Temperature Coefficient	≤100 ppm / °C
Power Consumption	0.36 W @ 12 V DC	Output Signal	RS-232 (DGB-DM2507B) RS-485 (DGB-DM2508B) CAN Bus (DGB-DC2508B)
Input Range	-3.9 to +3.9 mV/V		
Working Temperature	-22°F - 122°F / -30°C - 50°C		
Excitation Voltage To Load Cell	5 V DC		

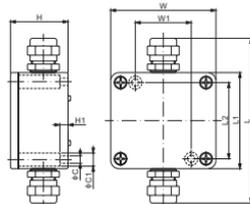
PART NUMBER

Part No.	Output Signal	Protocol	Shipping Weight Approx. (lb/kg)
DGB-DM2507B...	RS-232	Modbus RTU	0.09/0.04
DGB-DM2508B...	RS-485	Modbus RTU	0.09/0.04
DGB-DC2508B...	CAN Bus	CANOpen	0.09/0.04

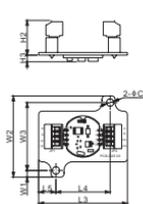
CONNECTION DIAGRAM**Features:**

- One input port, can connect directly to 1 x 350 Ω load cell, or max 4 x 350 Ω (or higher resistance) load cells through a junction box
- 24-bit A/D Converter, high speed processor
- Internal digital filter and strong anti-interference ability
- Contains ability for 9 point linear calibration
- Applied to all kinds of strain gauge bridge-type load cell, such as, tension, compression, torque and so on
- IP66 Rated (A1A-D25C)

With Aluminum Enclosure



Without Aluminum Enclosure

**DIMENSIONS**

	C	C1	H	H1	L	L1	L2	W	W1	C3	H2	H3	L3	L4	L5	W2	W3	W4
inches	0.18	0.33	1.38	0.20	3.94	2.28	1.81	2.52	1.34	0.18	0.83	0.16	2.13	1.30	0.41	1.93	1.61	0.16
mm	4.5	8.5	35.0	5.0	100.0	58.0	46.0	64.0	34.0	4.5	21.0	4.0	54.0	33.0	10.5	49.0	41.0	4.0

SPECIFICATIONS

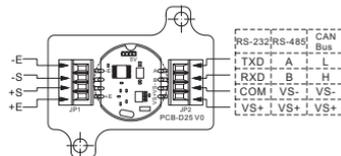
Load Cell Type	All strain gage type	Non-linearity	≤0.01%
Power Supply	9-24 V DC	Temperature Coefficient	≤100 ppm / °C
Power Consumption	0.36 W @ 12 V DC	Resolution	>1000000
Input Range	-3.9 to +3.9 mV/V	Output Signal	RS-232 (A1A-DM2507C) RS-485 (A1A-DM2508C) CAN Bus (A1A-DC2508C)
Working Temperature	-22°F - 122°F / -30°C - 50°C		
Excitation Voltage To Load Cell	5 V DC		

PART NUMBER**Without Aluminum Enclosure**

Part No.	Output Signal	Protocol	Weight Approx. (kg)
DGB-DM2507C...	RS-232	Modbus RTU	0.04
DGB-DM2508C...	RS-485	Modbus RTU	0.04
DGB-DC2508C...	CAN Bus	CANOpen	0.04
DGB-DC2508-J1939C...	CAN Bus	CAN J1939	0.04

With Aluminum Enclosure

Part No.	Output Signal	Protocol	Weight Approx. (kg)
A1A-DM2507C...	RS-232	Modbus RTU	0.15
A1A-DM2508C...	RS-485	Modbus RTU	0.15
A1A-DC2508C...	CAN Bus	CANOpen	0.15
A1A-DC2508-J1939C...	CAN Bus	CAN J1939	0.15

CONNECTION DIAGRAM

Conditioning Transmitter, 1 Port



Features:

- **Space-saving vertical design** with DIN-rail mounting for compact control panel integration
- **High-visibility red LED display** with six semi-alphanumeric digits and dedicated indicator LEDs for weight, calibration, and error conditions
- **Comprehensive calibration options** including theoretical, real-weight and linearity calibration with intuitive push-button or preset tare functionality
- **Versatile digital-to-analog conversion** with full-scale output, zero setting, and optional network protocols (Ethernet TCP/IP, ASCII or Modbus-RTU)
- **Flexible data formatting** with configurable bit-swapping for little or big endian formats and support for RS-232 transmit or RS-485 half-duplex communication
- **Integrated digital I/O featuring** two digital inputs and three digital outputs for expanded system interfacing
- **User-friendly system management** with removable mounting hardware and free Instrument Manager software for easy configuration, calibration, and maintenance

SPECIFICATIONS

Power Supply	12-24 VDC ±10%	Number Of Decimals	0-4
Power Consumption	5 W	Display Increments	x1x2x5x10x20x50x100
Number Of Load Cells	up to 8x350 0-4/16 wires; 5 VDC/120 mA	Digital Filter	10 levels
Linearity	<0.01% full scale	Readings Per Second	5-300 Hz
Thermal Drift	<0.0005% full scale/°C; <0.003% full scale/°C (analogue only)	Max. Output Current	3-max 115 VAC/150 mA
A/D Converter	24 bit(16000000 points)-4.8 kHz	Optoisolated Digital Inputs	2-5-24 VDC PNP
Divisions(with measurement range ±10mV and sensitivity 2mV)	± 999999 - 0.01 µV/d	Serial Ports	RS-485
Input Range	± 39 mV	Baud Rate	2400, 4800, 9600, 19200, 38400, 115200(bit/s)
Usable Load Cells Sensitivity	± 7 mV/V	Analog Output(analogue only)	16 bit(65535 divisions. 0-20 mA; 4-20 mA(up to 300 Ω) 0-10 V; 0.5-V; ± 10 V; ± 5 V(min 10 kΩ)
Conversions Per Second	Max 300/s	Humidity	85% (non condensing)
		Operating Temperature Range	-4 °F to 140 °F / -20 °C to 60 °C
		Storage Temperature	-22 °F to 176 °F / -30 °C to 80 °C



DIMENSIONS

H	4.49 inch (114.0 mm)	H1	1.38 inch (35.0 mm)
L	4.72 inch (120.0 mm)	W	0.89 inch (22.5 mm)

PART NUMBER

Part No.	Communication	Weight Approx. (lb)
ACT1-ANA.....	Analogue.....	1.0
ACT1-AEHT.....	Ethernet TCP/IP.....	1.0

AVAILABLE UPON REQUEST

Part No.	Communication
ACT1-A485.....	RS-485
ACT1-ACAN.....	CANopen
ACT1-ACCL.....	CC-Link
ACT1-ADEN.....	DeviceNet
ACT1-AEHC.....	EtherCAT
ACT1-AEHI.....	Ethernet/IP
ACT1-AMDT.....	Modbus/TCP
ACT1-APFD.....	Profibus DP
ACT1-APFI.....	Profibus IO
ACT1-APWL.....	PowerLink
ACT1-ASES.....	Sercos III

JUNCTION BOXES

ANYLOAD

Main Board of Junction Box

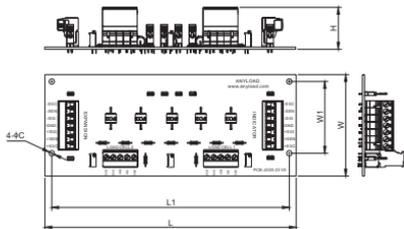


Features:

- PCB Mounting holes and outline dimensions match as an analog conversion for Fairbanks Intalogix, compatible with existing boxes and hardware
- 2-Channel Analog Signal Trim PCB
- Removable Connectors-for quick check of load cell integrity
- Both Individual Load Cell Trim and Section Trim
- Lighting/Oversvoltage Protection
- Jumpers to Turn Off Power to Unused Channels
- Expansion provision to Extend to additional J-Boxes
- Load cell shielding passes through PCB to Indicator

Benefits:

- Allows operator to manage as complete analog scale
- Saves time and effort by eliminating the need to extend load cell cables or install new junction boxes



DIMENSIONS

	C	H	L	L1	W	W1
mm	3.8	30.0	183.5	173.5	73.5	52.0
inches	0.15	1.18	7.22	6.83	2.89	2.05

SPECIFICATIONS

Number of Cells	2 single cells	Trimming	Section or individual cell trim, with signal trim
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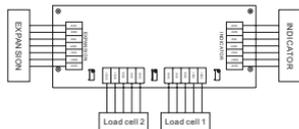
TRIMMING RANGE

Load Cell Resistance	Signal Trim
350 Ω3.6% of output
700 Ω6.3% of output
1000 Ω	.....7.0% of output

PART NUMBER*

Trimming	Section Trim	Lightning Protection	Part No.	Weight Approx. (kg)
Signal	.....Yes	.....Yes	J02S-23-MB	.....0.3

MOTHERBOARD LAYOUT

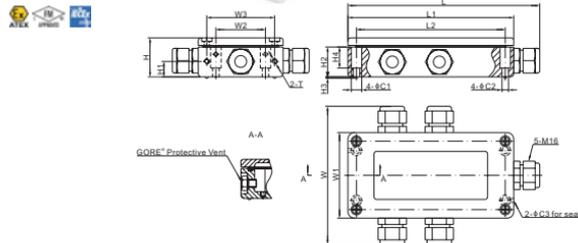


Aluminum



Features:

- Compact size with strong aluminum casting
- Number of cells: 2 - 4 single cells
- Trimming: Individual cell with excitation or signal trim
- Preinstalled GORE® breather vent
- Equipped with independent potentiometers
- Captive stainless steel screws (attached to the cover)
- IP Rating: IP67



DIMENSIONS

	C1	C2	C3	H	H1	H2	H3	H4	L	L1	L2	L4	W	W1	W2	W3	T
mm	8.0	5.0	3.0	29	11.7	22.7	1.0	16	151	127	114	112	65	38	52	M4 Depth	70
inches	0.31	0.2	0.12	1.14	0.46	0.89	0.04	0.63	5.94	5.0	4.49	4.41	2.56	1.5	2.05	M4 Depth	2.76

SPECIFICATIONS

Number of Cells	2 - 4 single cells	Trimming	Individual cell with excitation or signal trim
Input Cable Fittings	M16: 4mm - 8mm diameter cable	Enclosure Material	Aluminum casting
Output Cable Fittings	M16: 4mm - 8mm diameter cable	IP Rating	IP67

TRIMMING RANGE

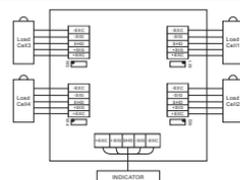
Load Cell Resistance	Signal Trim	Excitation Trim
350 Ω	.....3.6% of output	.....2.3% of output
700 Ω	.....6.3% of output	.....1.3% of output
1000 Ω	.....7.0% of output	.....1.0% of output

PART NUMBER*

Trimming	Part No.	Weight Approx. (kg)
Excitation Trim	J04EA-16	.....0.5
Signal Trim	J04SA-16	.....0.5

*ATEX, FM, IECEx approved versions carry the "Ex" suffix.

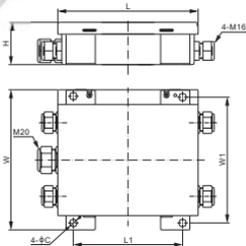
MOTHERBOARD LAYOUT





Features:

- Enclosure Material: Stainless steel SS304
- Number of cells: 2 - 4 single cells
- Trimming: Individual cell with excitation or signal trim
- Equipped with independent potentiometers
- Captive stainless steel screws
- IP Rating: IP65



DIMENSIONS

	C	H	L	L1	W	W1
mm	8	44	144	112	142	128
inches	0.3	1.7	5.7	4.4	5.6	5.0

SPECIFICATIONS

Number of Cells	2 - 4 single cells	Trimming	Individual cell with excitation or signal trim
Input Cable Fittings	M16: 4mm - 8mm diameter cable	Enclosure Material	Stainless steel SS304
Output Cable Fittings	M20: 5mm - 9mm diameter cable	IP Rating	IP65

TRIMMING RANGE

Load Cell Resistance	Signal Trim	Excitation Trim
350 Ω	.....3.6% of output	.....2.3% of output
700 Ω	.....6.3% of output	.....1.3% of output
1000 Ω	.....7.0% of output	.....1.0% of output

PART NUMBER*

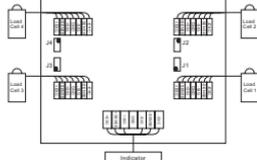
Trimming	Lightning Protection	Part No.	Weight Approx. (kg)
Excitation	.....No	.....J04ES	.....0.7
Signal	.....No	.....J04SS	.....0.7
Excitation	.....Yes	.....J04ES-II	.....0.7
SignalYesJ04SS-II0.7

*ATEX, FM, IECEx approved versions carry the "-Ex" suffix.

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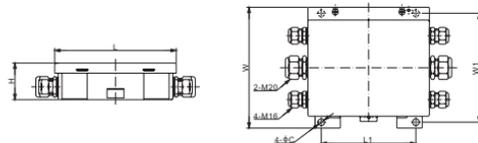
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MOTHERBOARD LAYOUT



Features:

- Expansion port (for wiring additional junction boxes to allow more load cells to be connected)
- Lightning protection
- Enclosure Material: Stainless steel SS304
- Number of cells: 2 - 4 single cells
- Trimming: Individual cell with excitation or signal trim
- Equipped with independent adjustable resistors
- Captive stainless steel screws
- IP Rating: IP65



DIMENSIONS

	C	H	L	L1	W	W1
mm	8	44	144	112	142	128
inches	0.3	1.7	5.7	4.4	5.6	5.0

SPECIFICATIONS

Number of Cells	2 - 4 single cells	Trimming	Individual cell with excitation or signal trim
Input Cable Fittings	M16: 4mm - 8mm diameter cable	Enclosure Material	Stainless steel SS304
Output Cable Fittings	M20: 5mm - 8mm diameter cable	IP Rating	IP65

TRIMMING RANGE

Load Cell Resistance	Signal Trim	Excitation Trim
350 Ω	.....3.6% of output	.....2.3% of output
700 Ω	.....6.3% of output	.....1.3% of output
1000 Ω	.....7.0% of output	.....1.0% of output

PART NUMBER*

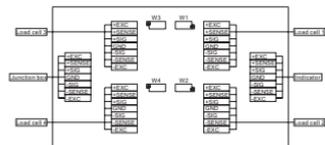
Trimming	Breather	Part No.	Weight Approx. (kg)
Signal	.....No	.....J04SS-E	.....0.7
Excitation	.....No	.....J04ES-E	.....0.7
Signal	.....Yes	.....J04SS-E-B	.....0.7
ExcitationYesJ04ES-E-B0.7

*ATEX, FM, IECEx approved versions carry the "-Ex" suffix.

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MOTHERBOARD LAYOUT



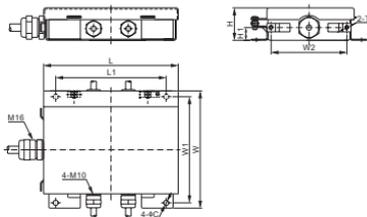
J04ES-FS; J04SS-FS

Stainless Steel



Features:

- Enclosure Material: Stainless steel casting
- Number of cells: 2 - 4 single cells
- Trimming: Individual cell with excitation or signal trim
- Equipped with independent potentiometers
- Captive stainless steel screws
- IP Rating: IP65



DIMENSIONS

	C	H	H1	L	L1	W	W1	W2	T
mm	5.0	31.0	12.0	128	105	110.5	100	72	M4
inches	0.2	1.2	0.5	5.0	4.1	4.4	3.9	2.8	M4

SPECIFICATIONS

Number of Cells	2 - 4 single cells	Trimming	Individual cell with excitation or signal trim
Input Cable Fittings	M10: 3mm - 6.5mm diameter cable	Enclosure Material	Stainless steel casting
Output Cable Fittings	M16: 4mm - 8mm diameter cable	IP Rating	IP65

TRIMMING RANGE

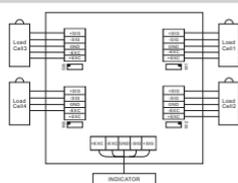
Load Cell Resistance	Signal Trim	Excitation Trim
350 Ω	..... 3.6% of output	..... 2.3% of output
700 Ω	..... 6.3% of output	..... 1.3% of output
1000 Ω	..... 7.0% of output	..... 1.0% of output

PART NUMBER*

Trimming	Part No.	Weight Approx. (kg)
Excitation Trim	J04ES-FS	..... 0.5
Signal Trim	J04SS-FS	..... 0.5

*ATEX, FM, IECEx approved versions carry the "-Ex" suffix.

MOTHERBOARD LAYOUT



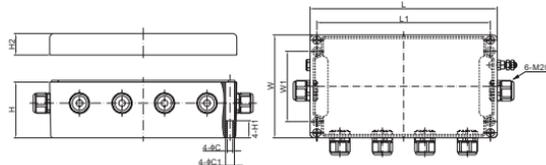
J04EP-E; J04SP-E

Fiberglass Reinforced Polyester



Features:

- Fiberglass reinforced polyester housing
- Quick removable load cell connectors
- Section and individual load cell trim pots
- Lightning/Over voltage protection
- Preinstalled GORE breather vent
- Conformal coated circuit board
- Number of load cells: only an even number (e.g., 2, 4)
- Expansion port for additional J-Box
- IP rating: IP67
- Junction Box Grounding: Connect the external Grounding Stud directly to earth ground for proper surge protection
- Cable Shielding: Run load cell shield uninterrupted through the junction box. Ground only at the indicator (instrument power ground) to prevent ground loops



DIMENSIONS

	C	C1	H	H1	H2	L	L1	W	W1
mm	6.5	10.5	65.0	20.0	25.5	220.0	204.0	120.0	82.0
inches	0.26	0.41	2.56	0.79	1.00	8.66	8.03	4.72	3.23

SPECIFICATIONS

Number of Cells	2 - 4 single cells	Trimming	Section or individual cell trim, with excitation or signal trim
Input Cable Fittings	M20: 6mm - 12mm diameter cable	Enclosure Material	Fiberglass Reinforced Polyester
Output Cable Fittings	M20: 6mm - 12mm diameter cable	IP Rating	IP67

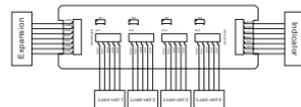
TRIMMING RANGE

Load Cell Resistance	Signal Trim	Excitation Trim
350 Ω	..... 3.6% of output	..... 5.4% of output
700 Ω	..... 6.3% of output	..... 2.7% of output
1000 Ω	..... 8.0% of output	..... 1.9% of output

PART NUMBER

Trimming	Section	Lightning	Part	Weight
Trim	Protection	No.	Approx. (kg)	
Excitation	Yes	..... Yes	J04EP-E-D2	..... 1.5
Signal	Yes	..... Yes	J04SP-E-D2	..... 1.5

MOTHERBOARD LAYOUT



J06ES; J06SS

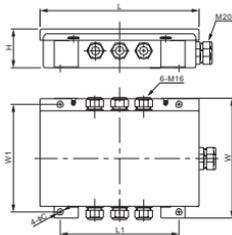
Stainless Steel

ANYLOAD



Features:

- Enclosure Material: Stainless steel SS304
- Number of cell connections: 2 - 6 single cells
- Trimming: Individual cell with excitation or signal trim
- Equipped with independent potentiometers
- Captive stainless steel screws
- IP Rating: IP65



DIMENSIONS

	C	H	L	L1	W	W1
mm	8	43	200	147	149	135
inches	0.3	1.7	7.9	5.8	5.9	5.3

SPECIFICATIONS

Number of Cells	2 - 6 single cells	Trimming	Individual cell with excitation or signal trim
Input Cable Fittings	M16: 4mm - 8mm diameter cable	Enclosure Material	Stainless steel SS304
Output Cable Fittings	M20: 5mm - 9mm diameter cable	IP Rating	IP65

TRIMMING RANGE

Load Cell Resistance	Signal Trim	Excitation Trim
350 Ω	.....3.6% of output	.....2.3% of output
700 Ω	.....6.3% of output	.....1.3% of output
1000 Ω	.....7.0% of output	.....1.0% of output

PART NUMBER*

Trimming	Lightning Protection	Part No.	Weight Approx. (kg)
Excitation.....No.....		J06ES	.....0.9
Signal.....No.....		J06SS	.....0.9
Excitation.....Yes.....		J06ES-II	.....0.9
Signal.....Yes.....		J06SS-II0.9

*ATEX, FM, IECEx approved versions carry the "Ex" suffix.

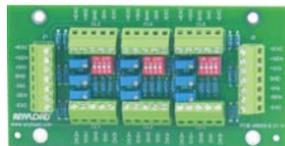
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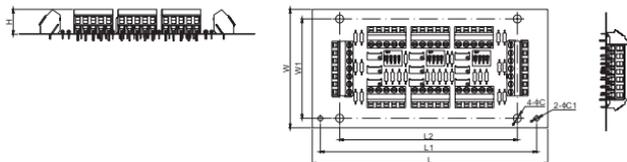
J06S-E-21-MB

Main Board of Junction Box



Features:

- Switchable On/Off power per channel
- Section and individual load cell trim pots
- Conformal coated circuit board
- Number of load cells: 2-6 single cells
- Expansion port for additional J-Box



DIMENSIONS

	C	C1	H	L	L1	L2	W	W1
mm	5.2	3.2	18.0	152.4	140.0	115.0	76.0	63.75
inches	0.20	0.13	0.63	6.00	5.51	4.53	2.99	2.51

SPECIFICATIONS

Number of Cells	2 - 6 single cells	Trimming	Section or individual cell trim, with signal trim
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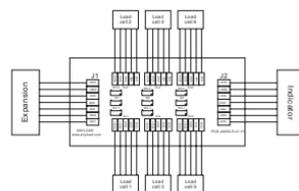
TRIMMING RANGE

Load Cell Resistance	Signal Trim
350 Ω3.6% of output
700 Ω6.3% of output
1000 Ω	.....7.0% of output

PART NUMBER

Trimming	Section Trim	Lightning Protection	Part No.	Weight Approx. (kg)
Signal.....Yes.....	Yes	Yes	J06S-E-21-MB0.3

MOTHERBOARD LAYOUT



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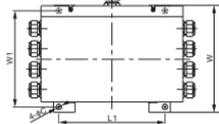
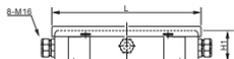
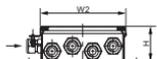
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Stainless Steel



Features:

- Enclosure Material: Stainless steel SS304
- Number of cells: 2 - 8 single cells
- Trimming: Section or individual cell trim, with excitation or signal trim
- Equipped with independent potentiometers
- Captive stainless steel screws
- IP Rating: IP65



DIMENSIONS

	C	H	H1	L	L1	W	W1	W2
mm	8	43	40	200	147	147	134	119
inches	0.3	1.7	1.6	7.9	5.8	5.8	5.3	4.7

SPECIFICATIONS

Number of Cells	2 - 8 single cells	Trimming	Section or individual cell trim, with excitation or signal trim
Input Cable Fittings	M16: 4mm - 8mm diameter cable	Enclosure Material	Stainless steel SS304
Output Cable Fittings	M20: 5mm - 9mm diameter cable	IP Rating	IP65

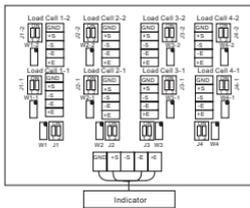
TRIMMING RANGE

Load Cell Resistance	Signal Trim	Excitation Trim
350 Ω	.....3.6% of output	.....2.3% of output
700 Ω	.....6.3% of output	.....1.3% of output
1000 Ω	.....7.0% of output	.....1.0% of output

PART NUMBER*

Trimming	Section Trim	Lightning Protection	Part No.	Weight Approx. (kg)
Excitation.....Yes	.....No	.....No	J08ES	.....1.0
Signal.....Yes	.....No	.....No	J08SS	.....1.0
Excitation.....No	.....No	.....No	J08ES-I	.....1.0
Signal.....No	.....No	.....No	J08SS-I	.....1.0
Excitation.....No	.....Yes	.....No	J08ES-II	.....1.0
Signal.....No	.....Yes	.....No	J08SS-II	.....1.0
Excitation.....Yes	.....Yes	.....No	J08ES-III	.....1.0
Signal.....Yes	.....Yes	.....No	J08SS-III	.....1.0

MOTHERBOARD LAYOUT

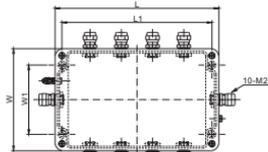
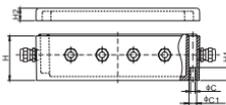


Fiberglass Reinforced Polyester



Features:

- Fiberglass reinforced polyester housing
- Quick removable load cell connectors
- Switchable On/Off power per channel
- Section and individual load cell trim pots
- Lightning/Over voltage protection
- Preinstalled GORE breather vent
- Conformal coated circuit board
- Number of load cells: only an even number (e.g., 2, 4, 6, 8)
- Expansion port for additional J-Box
- IP rating: IP67
- Junction Box Grounding: Connect the external Grounding Stud directly to earth ground for proper surge protection
- Cable Shielding: Run load cell shield uninterrupted through the junction box. Ground only at the indicator (instrument power ground) to prevent ground loops



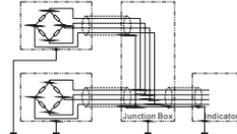
DIMENSIONS

	C	C1	H	H1	H2	L	L1	W	W1
mm	7.2	12.3	70.5	20.5	20	262	240	162	110
inches	0.3	0.5	2.8	0.8	0.8	10.3	9.4	6.4	4.3

SPECIFICATIONS

Number of Cells	2 - 8 single cells
Input Cable Fittings	M20: 6mm - 12mm diameter cable
Output Cable Fittings	M20: 6mm - 12mm diameter cable
Trimming	Section or individual cell trim, with excitation or signal trim
Enclosure Material	Fiberglass Reinforced Polyester
IP Rating	IP67

SCHEMATIC DIAGRAM



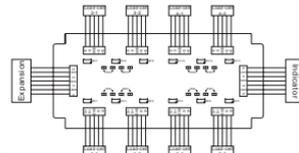
TRIMMING RANGE

Load Cell Resistance	Signal Trim	Excitation Trim
350 Ω	.....3.6% of output	.....5.4% of output
700 Ω	.....6.3% of output	.....2.7% of output
1000 Ω	.....8.0% of output	.....1.9% of output

PART NUMBER

Trimming	Section Trim	Lightning Protection	Part No.	Weight Approx. (kg)
Excitation.....Yes	.....Yes	.....Yes	J08EP-E-03B	.....2.5
Signal.....Yes	.....Yes	.....Yes	J08SP-E-03B	.....2.5

MOTHERBOARD LAYOUT

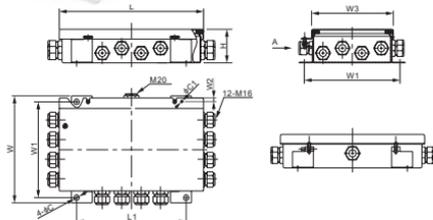


Stainless Steel



Features:

- Enclosure Material: Stainless steel SS304
- Number of cells: 2 - 12 single cells
- Trimming: Section or individual cell trim, with excitation or signal trim
- Equipped with independent potentiometers
- Captive stainless steel screws
- IP Rating: IP65



DIMENSIONS

	C	C1	H	L	L1	W	W1	W2	W3
mm	8	3	47	200	150	174	159	3.5	150
inches	0.3	0.1	1.8	7.9	5.9	6.9	6.3	0.1	5.9

SPECIFICATIONS

Number of Cells	2 - 12 single cells	Trimming	Section or individual cell trim, with excitation or signal trim
Input Cable Fittings	M16: 4mm - 8mm diameter cable	Enclosure Material	Stainless steel SS304
Output Cable Fittings	M20: 5mm - 9mm diameter cable	IP Rating	IP65

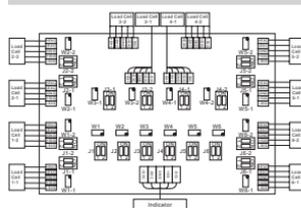
TRIMMING RANGE

Load Cell Resistance	Signal Trim	Excitation Trim
350 Ω	.....3.6% of output	.....2.3% of output
700 Ω	.....6.3% of output	.....1.3% of output
1000 Ω	.....7.0% of output	.....1.0% of output

PART NUMBER*

Trimming	Section Trim	Lightning Protection No.	Part No.	Weight (kg)
Excitation.....Yes	.....No	.....	J12ES	.....1.1
Signal.....Yes	.....No	.....	J12SS	.....1.1
Excitation.....No	.....No	.....	J12ES-I	.....1.1
Signal.....No	.....No	.....	J12SS-I	.....1.1
Excitation.....No	.....Yes	.....	J12ES-II	.....1.1
Signal.....No	.....Yes	.....	J12SS-II	.....1.1
Excitation.....Yes	.....Yes	.....	J12ES-III	.....1.1
Signal.....Yes	.....Yes	.....	J12SS-III	.....1.1

MOTHERBOARD LAYOUT



INDICATORS & REMOTE DISPLAYS



FEATURES

- Modes: basic weighing, counting, unit/total price calculating
- Display resolution of 6 digits (999,999)
- 304 Stainless steel enclosure
- IP65 water resistance
- RS-232 output for ticket print
- Rechargeable li-ion battery, ~30 hours continuous use per charge

Part Number	AN204-25AE
Capacity X Readability	3000e
Display Size	5.2 x 2.5in (132 x 62mm) segmented LCD screen, Three Data Display Areas
Dimensions	8.07" x 5.51" x 2.36"
	20.5cm x 14cm x 6cm
Enclosure	304 Stainless Steel
Net Weight	0.77lb / 0.35kg
Power Source	Built-in 4000 mAh battery & 85 ~ 264 VAC, 50 ~ 60Hz
Operating Temp.	50 °F to 104 °F / 10 °C to 40 °C
Gross Weight	1.0lb / 0.45kg



SPECIFICATIONS

Excitation Voltage	5 VDC, up to 8 x 50 Ω
Power Supply & Consumption	18 - 36 VDC; 5 W
Non-Linearity	0.01 % FS
A/D Sample Rate	up to 5000Hz
IP Rating	IP40
Enclosure Material	ABS
Operating Temperature	-4 °F to 140 °F / -20 °C to 60 °C
Humidity	85 % (non-condensing)
Analog Signal Input Range	0 - 39 mV (-19.5 - 19.5 mV)
Unit Of Measurement	g, kg, ton, lb, N, kN, kg ^m , N ^m , lb ⁱⁿ , lb ^{ft}
Analogue Output (Optional)	0 - 10 VDC; 0 - 5 VDC; -5 - 5 VDC; -10 - 10 VDC; 4 - 20 mA
Display Type	3.46" color IPS LCD with touch screen
Resolution	Internal: 16,000,000 counts; Display: 99,999,999
Communication Port	RS-232 (default); RS-485 (Modbus-RTU); Ethernet (TCP/IP&Modbus-TCP)

PART NUMBER

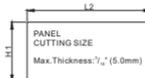
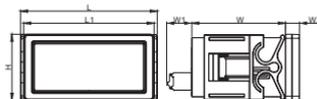
Part No.	Default Port	Additional Port	Shipping Weight Approx. (lb)
AN310-NA.....	RS-232.....	Analog.....	0.35
AN310-485.....	RS-232.....	RS-485.....	0.35
AN310-ETH.....	RS-232.....	Ethernet.....	0.35

Features:

- Brilliant 3.46" color IPS touch display delivers vivid visuals and responsive control for industrial environments
- Ultra-high-speed 5kHz ADC enables fast, accurate weight capture, ideal for dynamic weighing scenarios
- Internal resolution of 16 million counts ensures exceptional precision and stability in measurement
- Simultaneous multi-output support allows seamless integration with multiple systems and protocols
- Digital communication options include RS-232, RS-485 (Modbus), Ethernet TCP/IP, and Ethernet Modbus TCP
- Analog output is also available for voltage or current-based integration
- 4 digital inputs (photocoupler) and 4 digital outputs (PhotoMOS relay) provide flexible external control and system interaction
- Password-protected calibration access safeguards sensitive setup parameters and ensures compliance
- 10-point calibration capability provides precise linearity across the full measuring range
- Dual calibration modes support both real-load and digital methods for flexible installation and maintenance
- Intuitive navigation menu reduces setup time and enhances usability with a modern, ergonomic interface

Applications:

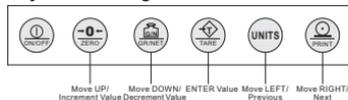
- Industrial weighing systems
- Process control and automation
- Force measurement and material testing
- Robotics and motion feedback systems
- Batching, filling, and packaging lines
- Machine monitoring and diagnostics via PLC integration



DIMENSIONS					
W	2.76in (70.0mm)	L	4.02in (102.2mm)		
W1	0.74in (18.8mm)	L1	3.84in (97.5mm)		
W2	0.41in (10.5mm)	L2	3.64in (92.5mm)		
H	1.93in (49.0mm)	H1	1.75in (44.5mm)		



Keyboard Configuration



General Specifications	
Enclosure Material	Stainless Steel
Units of Measurement	kg, lb, g, oz, lb:oz conversion
Working Humidity	≤90% RH
Working Temperature	-10°C to 40°C / 14°F to 104°F
Dimensions	226mm × 76mm × 181mm
	8.9in × 3.0in × 7.13in
Display Type	LED
Display Digits	6 digits
Digit Height	25.4mm / 1in
Display Dimensions	143mm × 41mm / 5.6in × 1.6in
Power Supply	AC adaptor or rechargeable lithium batteries 7.4V/4000mA
IP Rating	IP66

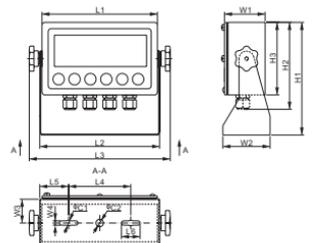
PART NUMBER

Part No.	Enclosure	Interface	Weight Approx. (kg)
805BS-B-19	.....Stainless steel 304	.....RS-232 & RS-485	2.3
805BS-TN-B	.....Stainless steel 201	.....RS-232 only	2.3

Features:

- NTEP III/IIIIL, 10 000 approved
- Measurement Canada III, 10 000; III HD 20 000
- Material: Stainless steel
- IP Rating: IP66
- LCD 6-digit display
- Power Supply: External AC adaptor or rechargeable lithium batteries 7.4V/4000mA
- Parameter and calibration settings are performed on the front panel
- Units of Measurement: kg, lb, g, oz, lb:oz conversion
- Improper operation and fault indication
- Two way relay signal output
- Programmable print format
- Built-in clock
- Functions: Auto zero scale, Auto zero tracking, PEAK, COUNTING, ZERO SCALE, TARE, GROSS/NET, Print interface

Technical Specifications	
Division	1:2, 5:10
Tare Range	100% Full Scale
Max. Number of Load Cells	8 × 350; 16 × 700 G
Max. Power Consumption	10W
Excitation Voltage	5V DC ± 5%
Resettable Fuse	1.1A
Communication Interface	RS-232
Print Interface	Serial interface
Input Range	Up to 20mV
Update Rate	20ms or 50Hz

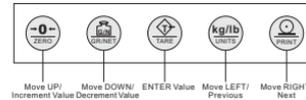


DIMENSIONS

	C1	C2	H1	H2	H3	L1	L2	L3	L4	L5	L6	W1	W2	W3	W4
inches	0.4	0.5	7.1	5.5	4.6	7.3	7.6	8.9	3.9	1.8	1.2	2.6	3.0	1.5	0.3
mm	9	12	181	139	116	186	193	226	100	46.5	30	65	76	38	7



Keyboard Configuration



General Specifications	
Enclosure Material	Stainless Steel SS304
Units of Measurement	kg, lb
Working Humidity	≤90% RH
Working Temperature	-10°C to 40°C / 14°F to 104°F
Dimensions	226mm × 76mm × 181mm
	8.9in × 3.0in × 7.13in
Display Type	LED
Display Digits	6 digits
Digit Height	20.3mm / 0.8in
Display Dimensions	143mm × 41mm / 5.6in × 1.6in
Power Supply	AC adaptor, 110VAC ± 10% / 15% or 220VAC ± 10% / 15%, 50-60Hz
IP Rating	IP66

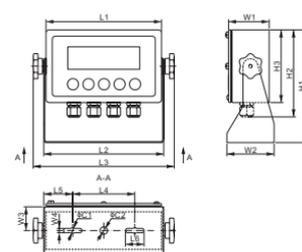
PART NUMBER

Part No.	Transformer	Weight Approx. (kg)
805TS-B-19A	.....External	2.3
805TS-B-19B	.....Internal	2.3

Features:

- NTEP III/IIIIL, 10 000 approved
- Measurement Canada III, 10 000; III HD 20 000
- Enclosure: Stainless steel SS304
- IP Rating: IP66
- LED 6-digit display
- Power Supply: External AC adaptor, 110VAC ± 10% / 15% or 220VAC ± 10% / 15%, 50-60Hz
- Front panel calibration and configuration
- Units of Measurement: kg, lb
- Indication of improper operation and fault
- Two way relay signal output
- Equipped with RS-232 and RS-485 connecting ports
- Print functions with programmable print format
- Built-in clock
- Functions: Auto zero scale, Auto zero tracking, PEAK, COUNT, Zero Scale, TARE, GROSS/NET

Technical Specifications	
Division	1:2, 5:10
Tare Range	100% Full Scale
Max. Number of Load Cells	8 × 350; 16 × 700 G
Max. Power Consumption	10W
Excitation Voltage	5V DC ± 5%
Resettable Fuse	1.1A
Communication Interface	RS-232, RS-485
Input Range	Up to 20mV
Update Rate	20ms or 50Hz
Print Interface	Serial interface, contact with printer



DIMENSIONS

	C1	C2	H1	H2	H3	L1	L2	L3	L4	L5	L6	W1	W2	W3	W4
inches	0.4	0.5	7.1	5.5	4.6	7.3	7.6	8.9	3.9	1.8	1.2	2.6	3.0	1.5	0.3
mm	9	12	181	139	116	186	193	226	100	46.5	30	65	76	38	7

LCD Industrial Weight Indicator



Keyboard Configuration

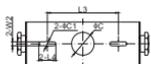
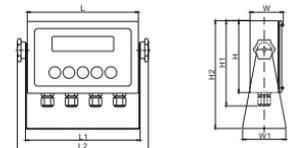


Features:

- 1.0", 6 digits, 7 segments, LCD display
- Tri color backlight: green, red and amber
- Indication of up to four units of measurements: kg, lb, oz and g
- Indication of gross, net and tare
- Indication of stability and centre of zero
- Easy wiring screw terminals
- Weight, peak, set point, and piece counting
- Password protected setup and calibration menu
- Physical and electronic sealing with audit trail function
- Advance analogue, average and digital filtering
- Two independent RS-232 communication ports
- UL approved external wall adapter
- Built in lithium battery with internal charger
- Weatherproof stainless steel enclosure, NEMA4X / IP66
- Breather vent to avoid condensation inside

Approvals:

- NTEP: Class III/IIIL 10,000
- Measurement Canada: Class III / IIHD 10,000 / 20,000



DIMENSIONS

L	H	H1	H2	W	W1	W2
L 7.7m (196mm)	H 4.9m (125mm)	H1 2.3in (58mm)	H2 3.0in (76mm)	W 8.0in (202mm)	W1 3.0in (76mm)	W2 0.3in (7mm)
L1 8.0in (202mm)	H1 5.9in (149mm)	W1 3.0in (76mm)	L2 9.1in (231mm)	H2 7.4in (188mm)	W2 0.3in (7mm)	
L3 4.9in (125mm)	C 1.6in (40mm)					
L4 1.2in (30mm)	C1 0.4in (9mm)					

PART NUMBER

Part No.	Power Supply	Weight Approx. (kg)
815BS-B-21E	External	2.5

LED Industrial Weight Indicator



Keyboard Configuration



Features:

- 0.8", 6 digits, 7 segments, LED display
- Indication of up to four units of measurements: kg, lb, oz and g
- Indication of gross, net and tare
- Indication of stability and centre of zero
- Easy wiring screw terminals
- Weight, peak, set point, and piece counting
- Password protected calibration menu
- Physical and electronic sealing via audit trail function
- Two set point output relays
- Advance analogue, digital and average filtering
- Two independent RS-232 serial communication ports
- One independent RS-485 serial communication port
- Weather proof stainless steel enclosure, NEMA4X / IP66
- Breather vent to avoid condensation inside

Approvals:

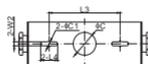
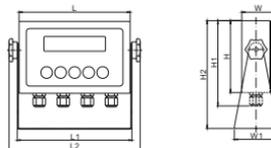
- NTEP: Class III/IIIL 10,000
- Measurement Canada: Class III / IIHD 10,000 / 20,000

SPECIFICATIONS

Power Supply	UL approved internal, 100VAC to 240VAC, 50-60Hz
Power Consumption	120VAC @ 0.1A / 12VDC @ 0.5A (10W AC / 5W DC) typical
Excitation Voltage	5V DC ± 5%
Number of Load Cells	Up to 8x3500; 16x7000
Input Range	Up to 19mV/4mV/V
Sample Rate	80 samples/second
Resolution	1,000,000 internal count, with 24bits resolution
Division	legal for trade 10,000/20,000d
Tare Range	100% Full Scale NTEP/MC/OIML
Communication Interface	2 x RS-232, 1 x RS-485
Output	2 x form C Relays
Working Humidity	20% RH to 90% RH
Working Temperature	-10°C to 50°C / 15°F to 120°F
Dimensions (W x H x D)	9.1" x 7.4" x 3.0" (231 x 188 x 76mm) base included

PART NUMBER

Part No.	Power Supply	Weight Approx. (kg)
815TS-B-21E	Internal	2.3

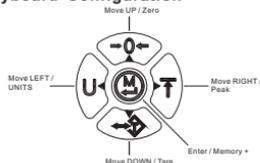


DIMENSIONS

L	H	H1	H2	W	W1	W2
L 7.7m (196mm)	H 4.9m (125mm)	H1 2.3in (58mm)	H2 3.0in (76mm)	W 8.0in (202mm)	W1 3.0in (76mm)	W2 0.3in (7mm)
L1 8.0in (202mm)	H1 5.9in (149mm)	W1 3.0in (76mm)	L2 9.1in (231mm)	H2 7.4in (188mm)	W2 0.3in (7mm)	
L3 4.9in (125mm)	C 1.6in (40mm)					
L4 1.2in (30mm)	C1 0.4in (9mm)					



Keyboard Configuration



Features:

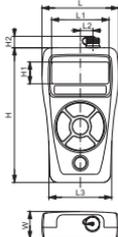
- Designed to use widely available AA batteries (not included)
- Exceptionally long battery life, up to 1600 hours
- LED backlight and panoramic FSTN LCD view angle
- Material: ABS
- IP Rating: IP65
- LCD 6-digit display with LED backlight
- Non-volatile memory for reliable data saving
- Units of Measurement: kg, g, t, lb, Kib, N, kN, oz, user-defined unit
- Configurable 2 set-points for precaution and warning
- User-selectable display interval
- Overloading recording
- 10 user-selectable analog-to-digital converting frequency
- Weight calibration and digital calibration
- User-selectable auto power-off and power-saving timing
- Functions: Auto-Zero-Tracking, Auto-Zero, Manual-Zero, Hold, Peak-Hold, TARE

GENERAL SPECIFICATIONS

Enclosure Material	ABS
Units of Measurement	kg, g, t, lb, Kib, N, kN, oz, user-defined unit
Working Humidity	≤90% RH
Working Temperature	-20°C to 70°C / -4°F to 158°F
Dimensions	170mm × 98mm × 34mm 6.7in × 3.9in × 1.34in
Display Type	LCD
Display Digits	6 digits
Digit Height	16.8mm / 0.66in
Display Dimensions	72mm × 27mm / 2.8in × 1.1in
Power Supply	3 × AA Alkaline Batteries (not included)
IP Rating	IP65

TECHNICAL SPECIFICATIONS

Division	0.001; 0.002; 0.005; 0.01; 0.02; 0.05; 0.1; 0.2; 0.5; 1; 2; 5; 10; 20; 50
Tare Range	100% Full Scale
Max. Number of Load Cells	8 × 350; 32 × 1000D
Max. Power Consumption	5mW
Communication Interface	None. RS-232 can be added upon request.

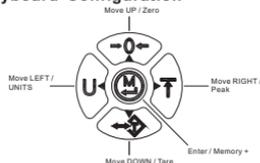


DIMENSIONS

	H	H1	H2	L	L1	L2	L3	W
inches	6.7	1.1	0.5	3.9	2.8	0.6	3.2	1.3
mm	170	27	13	98	72	15	80	34



Keyboard Configuration

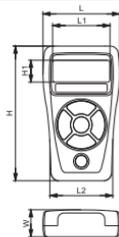


GENERAL SPECIFICATIONS

Enclosure Material	ABS
Units of Measurement	kg, g, t, lb, Kib, N, kN, oz, user-defined unit
Working Humidity	≤90% RH
Working Temperature	-20°C to 70°C / -4°F to 158°F
Dimensions	170mm × 98mm × 34mm 6.7in × 3.9in × 1.34in
Display Type	LCD
Display Digits	6 digits
Digit Height	16.8mm / 0.66in
Display Dimensions	72mm × 27mm / 2.8in × 1.1in
Power Supply	3 × AA Alkaline Batteries (not included)
IP Rating	IP65

PART NUMBER

Part No.	Communication Interface	Weight (kg)
805HP-01-WL01	.805HP, no RS-232, 433 frequency	0.36
805HP-01-WL02	.805HP, no RS-232, 915 frequency	0.36
805HP-02-WL01	.805HP, yes RS-232, 433 frequency	0.36
805HP-02-WL02	.805HP, yes RS-232, 915 frequency	0.36



DIMENSIONS

	H	H1	L	L1	L2	W
inches	6.7	1.1	3.9	2.8	3.2	1.3
mm	170	27	98	72	80	34

Features:

- Designed to use widely available AA batteries (not included)
- Fully charged battery works for 100 hours
- Material: ABS
- IP Rating: IP65
- LCD 6-digit display with LED backlight
- Non-volatile memory for reliable data saving
- Units of Measurement: kg, g, t, lb, Kib, N, kN, oz, user-defined unit
- Configurable 2 set-points for precaution and warning
- User-selectable display interval
- Overloading recording
- 10 user-selectable analog-to-digital converting frequency
- Weight calibration and digital calibration
- User-selectable auto power-off and power-saving timing
- Functions: Auto-Zero-Tracking, Auto-Zero, Manual-Zero, Hold, Peak-Hold, TARE

TECHNICAL SPECIFICATIONS

Division	0.001; 0.002; 0.005; 0.01; 0.02; 0.05; 0.1; 0.2; 0.5; 1; 2; 5; 10; 20; 50
Tare Range	100% Full Scale
Min. Power Consumption	1.26mW
Max. Power Consumption	6.23mW
Wireless Distance	Up to 30m (98ft) at lowest power set up and up to 75m (246ft) at highest power set up (no obstructions)

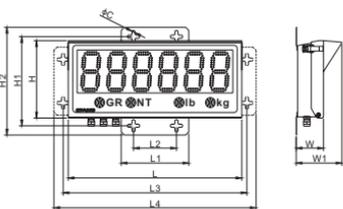
PART NUMBER

Part No.	Communication Interface	Weight (kg)
805HP-01	.None, 1 connector for load cell only	0.54
805HP-02	.RS-232 (1connector for RS-232, 1 for load cell)	0.54
805HP-03	.None, 2 connectors both for connecting load cells	0.54

Remote Display, 5" Standard Model



Bottom view



DIMENSIONS

	C	H	H1	H2	L	L1	L2	L3	L4	W	W1
mm	10	250	288	348	565	220	140	598	658	89	149
inches	0.4	9.8	11.3	13.7	22.2	8.7	5.5	23.5	25.9	3.5	5.9

SPECIFICATIONS

Enclosure Material	Powder Coated Mild Steel (IP65)	Power Supply	100-240VAC, 1.2A, 50/ 60Hz, UL approved
Display	6-digit, 7-segment, 125mm(5") LEDs	Operating Temp.	-40°C to 50°C (-40°F to 120°F)
Display Visibility	Max 75m(250ft) @1500mcd, 120° angle	Box Ventilation	Breather vent to avoid condensation
Status Indication	4 annunciators for GR, NT, lb and kg	Input & Output	2 dry contact switches and 1 form C relay
Communication	Independent RS-232, RS-422 / 485, 20mA 300, 600, ..., 9600, ..., 38400, 57600 Baud	Dimensions	565mm X 250mm X 89mm 22.2" X 9.8" X 3.5"

PART NUMBER

Part No.	Plug Type	Annunciators	Weight Approx. (kg)
808AH651-02	Type B	GR, NT, lb, kg	9.0
808AH651-02RCC	Type I	GR, NT, kg, t	9.0
808AH651-02RF	Type F	GR, NT, kg, t	9.0

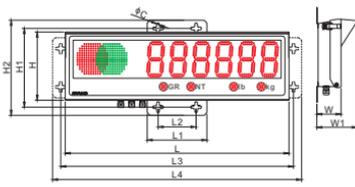
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Remote Display, 5" with Built-in Traffic Light



Bottom view



DIMENSIONS

	C	H	H1	H2	L	L1	L2	L3	L4	W	W1
mm	10	250	288	348	825	220	140	858	918	89	149
inches	0.4	9.8	11.3	13.7	32.5	8.7	5.5	33.8	36.1	3.5	5.9

SPECIFICATIONS

Enclosure Material	Powder Coated Mild Steel (IP65)	Power Supply	100-240VAC, 1.2A, 50/ 60Hz, UL approved
Display	6-digit, 7-segment, 125mm(5") LEDs	Operating Temp.	-40°C to 50°C (-40°F to 120°F)
Display Visibility	Max 75m(250ft) @1500mcd, 120° angle	Box Ventilation	2 Breather vent to avoid condensation
Status Indication	4 annunciators for GR, NT, lb and kg	Input & Output	2 dry contact switches and 1 form C relay
Communication	Independent RS-232, RS-422 / 485, 20mA 300, 600, ..., 9600, ..., 38400, 57600 Baud	Dimensions	825mm X 250mm X 89mm 32.5" X 9.8" X 3.5"

PART NUMBER

Part No.	Plug Type	Annunciators	Weight Approx. (kg)
808BH651-02	Type B	GR, NT, lb, kg	14.0
808BH651-02RCC	Type I	GR, NT, kg, t	14.0

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Features:

- Great Visibility:
 - Built-in 6 RED/GREEN light bars
 - Double-row discrete LED
 - 6 digits, 5" height, 7 segment
 - Wide viewing 120° angle
 - Auto brightness adjustment
 - Mirror display

RED / GREEN Lane Control:

- Using two manual input switches in solid or blinking modes
- Using several pre-installed soft ware utility programs
- Using serial ASCII commands sent by programmable indicators

Auto-Learn Technology:

- Automatically detect indicator string protocols
- Automatically set communication baud rates

Multiport Communication:

- Input: independent RS-232, RS-422, RS-485, 20mA current loop (active or passive)
- Output: echo out and addressable multi display configuration

Service Friendly:

- Modular design
- External membrane keypad
- Hinged front cover
- Pivoting internal electronics plates

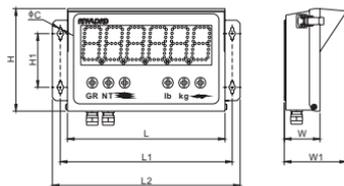
Rugged Enclosure:

- Weather proof design
- Visor to protect from sun or rain shade
- Wall & Pole mount kit
- GORE® breather vent

Remote Display, 2.5" Compact Model



Bottom view



DIMENSIONS

	C	H	H1	L	L1	L2	W	W1
mm	6.0	191.0	100.0	296.0	323.0	353.0	67.0	116.8
inches	0.24	7.52	3.94	11.65	12.72	13.90	2.64	4.60

SPECIFICATIONS

Enclosure Material	Powder Coated Mild Steel (IP65)	Power Supply	100-240VAC, 1.1A, 50/60Hz, UL approved
Display	6-digit, 7-segment, 65mm(2.5") LEDs	Operating Temp.	-40°C to 50°C (-40°F to 120°F)
Display Visibility	Max 25m(100ft) @ 1500mcd, 120° angle	Box Ventilation	Breather vent to avoid condensation
Status Indication	2 annunciators for Motion and Zero	Input & Output	2 dry contact switches and 1 form C relay
Communication	Independent RS-232, RS-422 / 485, 20mA 300, 600, ..., 9600, ..., 38400, 57600 Baud	Dimensions	296mm X 191mm X 67mm 11.65" X 7.52" X 2.64"

PART NUMBER

Part No.	Plug Type	Annunciators	Weight Approx. (kg)
808CH631-02	Type B	GR, NT, lb, kg	6.4
808CH631-02RCC	Type I	GR, NT, kg, t	6.4

Features:

Great Visibility:

- Single-row discrete LED
- 6 digits, 2.5" height, 7 segment
- Wide viewing 120° angle
- Two levels brightness adjustment
- Mirror display
- Grey front safety glass

Auto-Learn Technology:

- Automatically detect indicator string protocols
- Automatically set communication baud rates

Multiport Communication:

- Input: independent RS-232, RS-422, RS-485, 20mA current loop (active or passive)
- Output: echo out and addressable multi display configuration
- Switch inputs and relay output to control traffic lights
- Lightning ESD protection for communication lines

Service Friendly:

- Modular design
- External membrane keypad
- Menu driven setup function
- Hinged front cover
- Onboard diagnostic lights for trouble shooting
- 100-240VAC internal encapsulated UL/CSA power supply

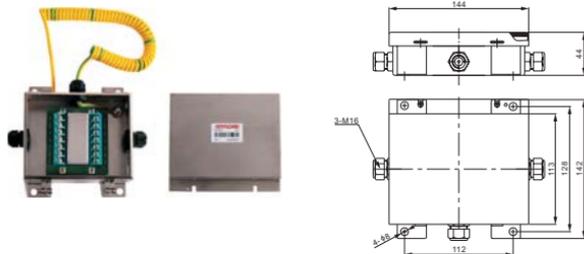
Rugged Enclosure:

- Weather proof powder coated mild steel enclosure
- Visor to protect from sun or rain shade
- Wall mounting on the back
- GORE[®] breather vent

OTHER INSTRUMENTS

ANYLOAD

Lightning Arrester, Stainless Steel



SPECIFICATIONS

Item Code	LA2	DC Spark-over Voltage(100Vs)	90 ± 25%V DC
Nominal Impulse Discharge Current	10kA (8/20 μs)	Impulse Spark-over Voltage(1kV μs)	≤ 700V
Single Impulse Discharge Current	20kA (8/20 μs)	Insulation Resistance	≥ 10(100V DC)Ω/GD
AC Discharge Current(50Hz)	10A	IP Rating	IP66

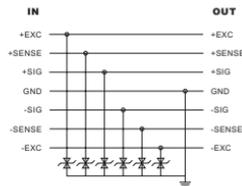
DESCRIPTION:

ANYLOAD lightning arresters are designed to protect electrical devices from lightning and voltage strikes by safely blocking or diverting transient surges. Equipped with gas discharge tubes, the tubes are activated if a voltage strike is greater than 90 VAV and protect electrical devices by diverting voltage spikes to ground. The LA2 lightning arrester has a ground wire that is connected to the stainless steel enclosure and must be firmly grounded for the system protection to work.

PART NUMBER

Part No.	Weight Approx. (kg)
LA2.....	0.8

CIRCUIT DIAGRAM



Aluminum, Compression Test Mount



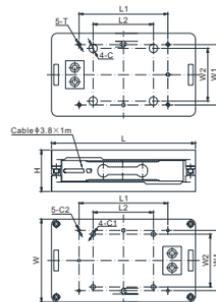
Load Cell Certifications:



Load cell included.

Features:

- For indicators, remote displays, printers, computers, PLC, etc.
- Aluminum single point load cell with a aluminum mount
- Capacities: 6kg, 20kg (other capacities available upon request)
- CE, RoHS, Ex, OIML MAA, NTEP approved for load cells
- Four points overloading protection and anti-lifting protection



DIMENSIONS

RATED CAPACITY	C	C1	C2	H	L	L1	L2	W	W1	W2	T	
kg/mm												
3-30	9.0	5.0	3.0	44.0	154.0	95.0	64.5	88.0	64.0	56.0	M4 Depth:8.0	
lb/inches (conversion of above dimensions)	6.61-66.14	0.35	0.20	0.12	1.73	6.06	3.74	2.54	3.46	2.52	2.20	M4 Depth:0.31

PART NUMBER

Rated Capacity	Part No.	Weight Approx. (kg)
6kg.....	TMA-108BA-6kg.....	0.8
20kg.....	TMA-108BA-20kg.....	0.8

AVAILABLE OPTIONS

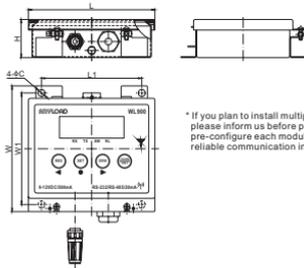
- Capacity of 3kg, 7kg, 10kg, 15kg and 30kg available (produced upon request)
- 6 wire cable available

Wireless RF Transmitter / Receiver



Features:

- Designed exclusively for weighing industry
- Easily connecting weight indicators to remote displays
- Auto-Learn technology for automatic communication settings
- Stainless steel NEMA4 enclosure for indoor and outdoor use
- Keypad and display for easy setup and configuration
- Screw terminal wiring and strain reliefs for data inputs
- Lightning ESD protection on communication lines
- AC wall adaptor with detachable connector
- Wall mounting on the back
- GORE[®] breather vent
- Universal world wide emission approval
- Independent RS-232/ RS-485/ 20mA communication ports
- Universal worldwide emission approvals: FCC, IC, C-Tick



* If you plan to install multiple WL900 wireless modules at the same site, please inform us before purchase. To prevent signal interference, we can pre-configure each module to operate on separate channels. This ensures reliable communication in your setup.

DIMENSIONS

	C	H	L	L1	W	W1
mm	8	44	144	112	142	128
inches	0.3	1.7	5.7	4.4	5.6	5.0

SPECIFICATIONS

Indoor / Urban Range	100m (300ft)	Enclosure Material	Stainless Steel (IP65)
Outdoor / Line of sight	300m (1000ft)	External Adaptor	100-240VAC, 0.6A, 50/60Hz, UL approved
Frequency Range	900MHz or 920MHz or 2.4GHz	Power Supply	9-12VDC, 500mA
Output Power	250mW (24dBm)	Operating Temp	-40°C to 50°C / -40°F to 122°F
Throughput	10Kbps (9600bps)	Box Ventilation	Breather vent to avoid condensation
Antenna	Whip RPSMA	Input & output	1 dry contact switch and 1 form C relay
Approvals	FCC, IC, C-Tick	Status Indication	Annunciators for TX and RX
Communications	RS-232, RS-485, 20mA (300, ..., 9600, ..., 57600baud)	Dimensions	44mm X 144mm X 142mm 1.7in X 5.7in X 5.6in

PART NUMBER

Part No. Frequency Weight
Approx. (kg)

TRANSMITTER

WL900-01T.....	US/CAN/900MHz.....	1.34
WL900-02T.....	AUS/920MHz.....	1.34
WL900-03T.....	EU/2.4GHz.....	1.34

PART NUMBER

Part No. Frequency Weight
Approx. (kg)

RECEIVER

WL900-01R.....	US/CAN/900MHz.....	0.07
WL900-02R.....	AUS/920MHz.....	0.07
WL900-03R.....	EU/2.4GHz.....	0.07

CABLE, CONNECTOR
& ACCESSORIES

ANYLOAD

Cable Armor & End Fitting



Features:

- Flexible protective armor, galvanized steel inside, PVC outside
- Protects cable from rodents and mechanical damage
- 0.63" (16mm) internal diameter, 0.8" (20mm) external diameter
- 2" (50mm) minimum bending radius
- Cable armor and fitting sold separately

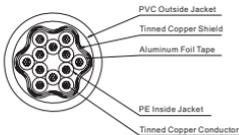
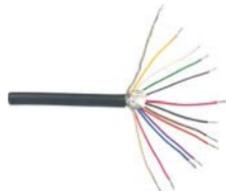
PART NUMBER

Description Part No. Weight (kg) Approx.

Cable Armor (end fitting not included), 100m per roll.....CAHP20-1/2-100m.....18.0
End fitting only.....CAEFGI-1/2.....0.1

CB12

Load Cell Cable

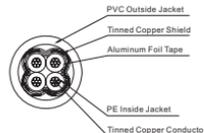


SPECIFICATIONS

Temperature	-30°C to 70°C / -22°F to 158°F
Wire Resistance	≤ 0.09Ω/m
Screen	1
Capacity	≤ 80PF/m
Length	100m (loose) / 300m (with reel)

PART NUMBER	Wire	Outside Diameter	Cross Section Area	AWG	Length	With Reel	Self Weight (approx)	
							KG	LB
CB12-7.6-100m					100m (328ft)	no	9.0	19.9
CB12-7.6-500ft					152m (500ft)	yes	14.4	31.7
CB12-7.6-300m					300m (984ft)	yes	27.0	59.4

Load Cell Cable



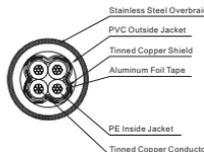
SPECIFICATIONS

Temperature	-30°C to 70°C / -22°F to 158°F
Wire Resistance	≤ 0.09Ω/m
Screen	1
Capacity	≤ 80PF/m
Length	100m (loose) / 300m (with reel)

PART NUMBER	Wire	Outside Diameter	Cross Section Area	AWG	Length	With Reel	Self Weight (approx)	
							KG	LB
CB4-5.1-100m					100m (328ft)	no	3.2	7.0
CB4-5.1-500ft	4 wire	5.1mm ± 0.2	0.212mm ² /wire	24	152m (500ft)	yes	5.6	12.3
CB4-5.1-300m					300m (984ft)	yes	10.3	22.7
CB4-7.6-100m					100m (328ft)	no	7.9	17.4
CB4-7.6-500ft	4 wire	7.6mm ± 0.3	0.314mm ² /wire	22	152m (500ft)	yes	12.7	27.9
CB4-7.6-300m					300m (984ft)	yes	23.7	52.1

CB4RP

Load Cell Cable

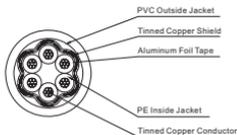


SPECIFICATIONS

Temperature	-30°C to 70°C / -22°F to 158°F
Wire Resistance	≤ 0.09Ω/m
Screen	1
Capacity	≤ 80PF/m
Length	100m (loose) / 300m (with reel)

PART NUMBER	Wire	Outside Diameter	Cross Section Area	AWG	Length	With Reel	Self Weight (approx)	
							KG	LB
CB4RP-8-100m	4 wire	8.6mm ± 0.3	0.314mm ² /wire	22	100m (328ft)	yes	11.9	26.2

Load Cell Cable

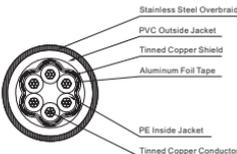


SPECIFICATIONS	
Temperature	-30°C to 70°C / -22°F to 158°F
Wire Resistance	≤ 0.09Ω/m
Screen	1
Capacity	≤ 80PF/m
Length	100m (loose) / 300m (with reel)

PART NUMBER	Wire	Outside Diameter	Cross Section Area	AWG	Length	With Reel	Self Weight (approx)	
							KG	LB
CB6-7.6-100m	6 wire	7.6mm ± 0.2	0.314mm²/wire	22	100m (328ft)	no	7.4	16.3
CB6-7.6-500ft					152m (500ft)	yes	11.9	26.2
CB6-7.6-300m					300m (984ft)	yes	22.8	50.2

CB6RP

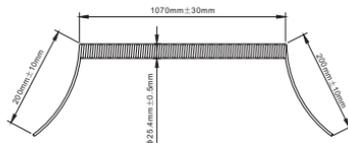
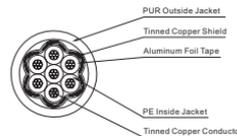
Load Cell Cable



SPECIFICATIONS	
Temperature	-30°C to 70°C / -22°F to 158°F
Wire Resistance	≤ 0.09Ω/m
Screen	1
Capacity	≤ 80PF/m
Length	100m (loose) / 300m (with reel)

PART NUMBER	Wire	Outside Diameter	Cross Section Area	AWG	Length	With Reel	Self Weight (approx)	
							KG	LB
CB6RP-8-100m	6 wire	8.0mm ± 0.3	0.314mm²/wire	22	100m (328ft)	yes	10.5	23.1

Load Cell Cable



SPECIFICATIONS	
Model	CB7AP
Number of Wires	7
Outside Diameter	7mm ± 0.2
Cross Section Area of Each Wire	0.149mm²
AWG	32
Temperature	-30°C to 70°C / -22°F to 158°F
Wire Resistance	≤ 0.09Ω/m
Screen	1
Capacity	≤ 80PF/m
Length	9m
Inner Shield	Tinned copper braided screen & aluminum foil-polyester tape
Outer Shield	Stainless steel braided screen
Jacket Material	PU
Jacket Colour	Black

Description	PART NUMBER				Part No.	Weight Approx. (kg)
	With Reel	With Inner shield	With Outer shield	Diameter		
PU cable with 7 wire	No	Yes	No	7.0	CB7AP-7-9m	0.7

CABLE, CONNECTOR & ACCESSORIES

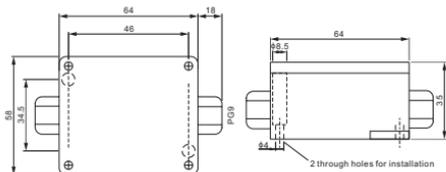
CABLE, CONNECTOR & ACCESSORIES

Cable Splicing Kit



Features:

- Easily connects cable
- 7 connections, connects up to 6 wire
- Protects the load cell from moisture and water damage through cable connection
- Enclosure Material: Aluminum casting
- IP Protection: IP67



Dimension in mm.

PART NUMBER

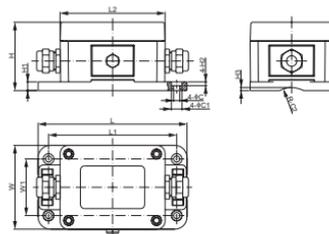
Part No.	GORE Breather Vent	Weight Approx. (kg)
CSK.....NO.....		0.22
CSK-B.....YES.....		0.22

Cable Splicing Kit



Features:

- Easily connects cable
- 7 connections, connects up to 6 wire
- Protects the load cell from moisture and water damage through cable connection
- Enclosure Material: ABS
- IP Protection: IP67



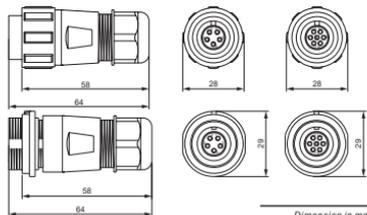
DIMENSIONS

	C	C1	C2	H	H1	H2	H3	L	L1	L2	W	W1
inches	0.20	0.34	0.79	2.19	0.28	0.12	0.10	4.80	4.13	3.39	2.68	1.81
mm	5.0	8.6	20.0	55.5	7.0	3.0	2.5	122.0	105.0	86.0	68.0	46.0

PART NUMBER

Part No.	Weight Approx. (kg)
CSK-G1.....	0.22

Cable Connector



Dimension in mm.

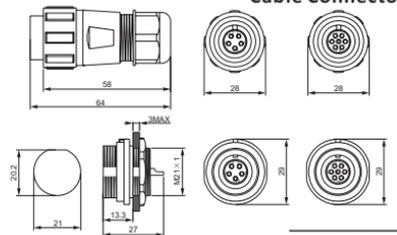
SPECIFICATIONS

Part Number	CCP5-S	CCP5-S1	CCP5-L	CCP5-L1	CCP7-L
Rated Current	30A				15A
Contact Diameter	ø3mm×5				ø2mm×7
Contact Resistance	1mΩ				2.5mΩ
Wire Size mm ² /AWG	≤ 4.17/11				≤ 2/14
Termination	Screw	Solder	Screw	Solder	Solder
Cable Outer Diameter	ø4.5-7mm		ø7-12mm		
Shell Material	PC, Nylon66, fire resistance: V-0				
Insert Material	PPS, max temperature 260°C				
Contact Material	Brass with gold plating				
Rated Voltage (AC)	500V				
Test Voltage/min (AC)	1500V				
Mating Cycle	> 500				
Insulation Resistance	2000MΩ				
Working Temperature	-40°C to 85°C / -40°F to 185°F				
Protection Class	IP68				

PART NUMBER

Part No.	Contacts	Termination	Weight Approx. (kg)
CCP5-S	5	screw	0.06
CCP5-S1	5	solder	0.06
CCP5-L	5	screw	0.06
CCP5-L1	5	solder	0.06
CCP7-L	7	solder	0.06

Cable Connector



Dimension in mm.

SPECIFICATIONS

Part Number	CCS5-S	CCS5-L	CCS7-L
Rated Current	30A		15A
Contact Diameter	ø3mm×5		ø2mm×7
Contact Resistance	1mΩ		2.5mΩ
Wire Size mm ² /AWG	≤ 4.17/11		≤ 2/14
Termination	Screw	Screw	Solder
Cable Outer Diameter	ø4.5-7mm		ø7-12mm
Shell Material	PC, Nylon66, fire resistance: V-0		
Insert Material	PPS, max temperature 260°C		
Contact Material	Brass with gold plating		
Rated Voltage (AC)	500V		
Test Voltage/min (AC)	1500V		
Mating Cycle	> 500		
Insulation Resistance	2000MΩ		
Working Temperature	-40°C to 85°C / -40°F to 185°F		
Protection Class	IP68		

PART NUMBER

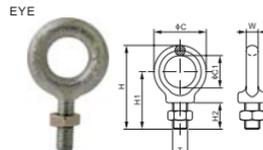
Part No.	Contacts	Termination	Weight Approx. (kg)
CCS5-S	5	Screw	0.05
CCS5-L	5	Screw	0.05
CCS7-L	7	Solder	0.05

SHACKLES, EYEBOLTS, ROD END ANYLOAD

ANYLOAD

EYE; EYH

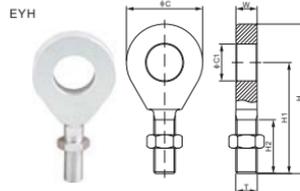
Eyebolt, Alloy Steel



Features:

- Low carbon steel, casted, zinc plated
- One jam nut included

PART NUMBER	DIMENSIONS						Safe Working Load	Self Weight Approx. (kg)	
	T	C	C1	H	H1	H2			W
inches									
EYE-1/4	1/4-28 UNF	1.23	0.87	1.89	1.28	0.82	0.31	0.7Klb 0.65Klb	0.05 0.02
EYE-B-1/4	1/4-28 UNF	1.00	0.50	1.73	1.20	0.65	0.27		
EYE-1/2	1/2-20 UNF	1.71	1.02	2.73	2.08	0.97	0.39	1.3Klb	0.1
EYE-3/4(Discontinue soon)	3/4-16 UNF	2.74	1.53	4.11	2.95	1.37	0.63	5.5Klb	0.4
mm									
EYE-M12	M12X1.75	54.0	30.0	73.5	46.5	20.5	12.0	0.36t	0.18

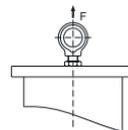


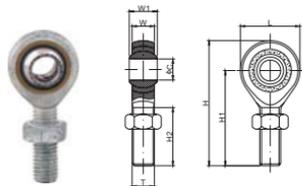
Features:

- Medium carbon steel, forged, zinc plated
- One jam nut included

PART NUMBER	DIMENSIONS						Safe Working Load	Self Weight Approx. (kg)	
	T	C	C1	H	H1	H2			W
inches									
EYH-3/4(Discontinued)	3/4-16 UNF	3.11	1.54	5.91	4.35	2.01	0.79	11Klb	0.8
EYH-DA-3/4	3/4-16 UNF	3.11	1.54	5.91	4.35	2.01	0.79	11Klb	0.8
EYH-1(Discontinue soon)	1-14 UNS	3.54	1.69	6.89	5.12	2.48	0.98	16.5Klb	1.4
EYH-1-1/4(Discontinued)	1-1/4-12 UNF	4.45	2.09	8.46	6.24	2.95	1.26	22Klb	2.7
EYH-DA-1-1/4	1-1/4-12 UNF	4.45	2.09	8.46	6.24	2.95	1.26	22Klb	2.7
mm									
EYH-M16	M16X2.0	79	39	150	110.5	51	20	2t	0.8
EYH-M18	M18X1.5	79	39	150	110.5	51	20	4t	0.8
EYH-M24	M24X2.0	90	43	175	130	63	25	7.5t	1.4
EYH-M30	M30X2.0	113	53	215	158.5	75	32	10t	2.7
EYH-M36	M36X2.0	124	62	238	176	90	40	18t	3.7
EYH-M42	M42X2.0	176	88	316	228	105	48	25t	3.8

VERTICAL LOAD



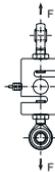


Features:

- Self-lubricating, maintenance free
- Durable low-carbon steel
- Helps achieve maximum accuracy of the load cell and extend service life
- Can be used in tension weigh module 101BHM2, 101NHM2, or mounting variation #2 (tension application) of the 363YH

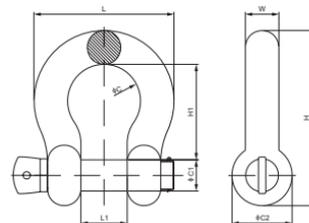
PART NUMBER	DIMENSIONS							T	Safe Working Load	Shipping Weight (kg)
	C	H	H1	H2	L	W	W1			
inches										
RE-1/4	0.25	1.90	1.50	0.95	0.80	0.25	0.38	1/4-28 UNF	500lb	0.1
RE-1/2	0.50	3.11	2.44	1.52	1.35	0.50	0.63	1/2-20 UNF	2klb	0.1
RE-3/4	0.75	4.05	3.05	1.80	1.95	0.70	0.88	3/4-16 UNF	5klb	0.3
REH-1/2	0.75	4.05	3.05	1.45	1.95	0.70	0.88	1/2-20 UNF	3klb	0.3
REH-3/4	1.00	5.50	4.10	1.73	2.75	0.85	1.37	3/4-16 UNF	10klb	0.8
REH-1	1.20	6.70	4.30	2.52	2.75	1.00	1.14	1-14 UNS	19klb	0.9
mm										
RE-M6	5.9	46.0	36.0	21.5	20.0	6.75	9.0	M6	0.1t	0.1
RE-M12	12.0	70.0	53.5	31.0	32.0	12.0	16.0	M12	1.5t	0.1
RE-M16	16.0	86.0	66.0	37.0	40.0	15.0	21.0	M16	1.7t	0.2
RE-M18	18.0	95.5	72.0	41.0	46.0	16.5	23.0	M18X1.5	2t	0.3
RE-M24	25.0	124.0	94.0	57.0	60.0	22.0	31.0	M24X2.0	3t	0.6
RE-M30	30.0	145.0	109.5	62.5	70.0	24.5	37.0	M30X2.0	4.5t	1.0
REH-B-M12	20.0	103.0	77.5	28.0	51.0	12.0	16.0	M12	1.7t	-
REH-M18 (Obsolete)	31.8	139.5	104.0	55.0	70.0	20.0	30.2	M18X1.5	5t	0.7
REH-B-M16	25.0	124.0	94.0	44.0	60.0	22.0	31.0	M18X1.5	5t	0.7
REH-B-M24	30.0	145.0	110.0	54.0	70.0	25.0	37.0	M24X2.0	5t	1.0

VERTICAL LOAD



Features:

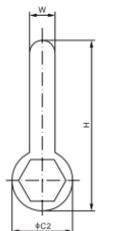
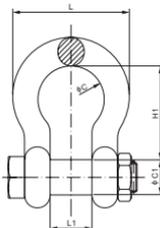
- Work capacity: 1t; 5t
- Test load: 200% rated capacity
- Breaking load: 400% rated capacity
- Made of SS304 corrosion resistant material
- High tensile shackle, product meets ISO2415-2004



DIMENSIONS

PART NUMBER	DIMENSIONS								Safe Working Load	Shipping Weight
	C	C1	C2	H	H1	L	L1	W		
mm										
RBXS-1t	45	12	24	85	55	68	25	12	1t	0.23kg
RBXS-5t	43	20	40	108.5	60.5	79	27	18	5t	0.75kg
inches (conversion of above dimensions)										
RBXS-1t	1.77	0.47	0.94	3.35	2.17	2.68	0.98	0.47	2.20klb	0.51lb
RBXS-5t	1.69	0.79	1.57	4.27	2.38	3.11	1.06	0.71	11.02klb	1.65lb

Shackle, Alloy Steel



Features:

- ASME B30.26-2015(R2020) approval by the American Society of Mechanical Engineers
- Work capacity from 2t to 1250t
- Test load: 200% rated capacity
- Breaking load: 400% rated capacity

PART NUMBER	C	C1	C2	H	H1	L	L1	W	Safe Working Load	Shipping Weight
mm										
SBX-2t	33	16	30	84	48	59	20.5	13	2t	0.32kg
SBX-3.25t	42.9	19.1	106	80.5	74.5	89	25.9	16	3.25t	0.65kg
SBX-4.75t	51	22.4	46	126	71.5	89	31.8	19.1	4.75t	1.02kg
SBX-6.5t	58	25.4	53	148	84	102	36.6	22.4	6.5t	1.62kg
SBX-9.5t	74	31.8	81.5	190	108	121	46	28.7	9.5t	3.75kg
SBX-12t	82.6	35.1	76.2	210	119	146	52	31.8	12t	4.62kg
SBX-13.5t	92	38.1	84	233	133	162	57	35.1	13.5t	6.38kg
SBX-17t	98.5	41.4	82.5	254	146	176	60.5	38.1	17t	9.43kg
SBX-25t	127	51	106	313	178	225	73	44.5	25t	13.16kg
SBX-35t	146	57	122	348	197	253	82.5	51	35t	23.70kg
SBX-55t	184	70	145	453	267	327	105	55t	55t	44.57kg
SBX-85t	200	82.5	165	546	330	365	127	76	85t	69.85kg
SBX-120t	229	95.5	203	626	372	419	133	92	120t	120.2kg
SBX-150t	254	108	229	653	388	468	140	104	150t	153.32kg
SBX-200t	280	130	270	837	396	520	184	115	200t	237kg
SBX-300t	300	150	320	958	450	573	200	130	300t	363kg
SBX-500t	360	185	390	1192	557.5	740	240	165	500t	684kg
SBX-800t	440	240	493	1462	660	874	300	207	800t	1313kg
SBX-1000t	560	276	558	1698	780.5	1064	390	240	1000t	2024kg
SBX-1250t	560	300	620	1856	850	1106	400	260	1250t	2911kg

inches (conversion of above dimensions)

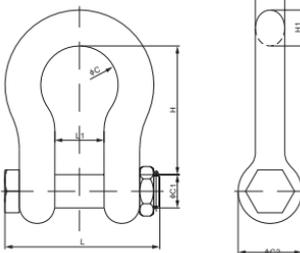
SBX-2t	1.30	0.63	1.18	3.31	1.89	2.32	0.81	0.51	4.4Klb	0.71lb
SBX-3.25t	1.69	0.75	1.5	4.17	2.38	2.93	1.06	0.63	7.17Klb	1.43lb
SBX-4.75t	2.01	0.88	1.81	4.96	2.81	3.5	1.5	0.75	10.47Klb	2.25lb
SBX-6.5t	2.28	1	2.09	5.83	3.31	4.02	1.44	0.88	14.33Klb	3.57lb
SBX-9.5t	2.91	1.25	2.7	7.48	4.25	5.16	1.8	1.13	20.94Klb	8.27lb
SBX-12t	3.25	1.38	3	8.27	4.69	5.75	2.05	1.25	28.46Klb	10.19lb
SBX-13.5t	3.62	1.5	3.31	9.17	5.24	6.38	2.24	1.38	29.78Klb	14.07lb
SBX-17t	3.88	1.63	3.62	10	5.75	6.89	2.38	1.5	37.48Klb	20.79lb
SBX-25t	5	2.01	4.17	12.32	7.01	8.86	2.87	1.75	55.12Klb	29.01lb
SBX-35t	5.75	2.24	4.8	13.7	7.76	9.96	3.25	2.07	77.16Klb	52.25lb
SBX-55t	7.24	2.76	5.71	17.83	10.51	12.87	4.13	2.62	121.25Klb	98.26lb
SBX-85t	7.87	3.25	6.5	21.5	12.99	14.27	5	2.99	183.99Klb	152.99lb
SBX-120t	9.02	3.76	7.99	24.65	14.65	16.5	5.24	3.62	264.55Klb	265.0lb
SBX-150t	10	4.25	9.02	25.71	14.49	16.43	5.91	4.09	330.69Klb	338.01lb
SBX-200t	11.02	5.12	10.63	29.95	16.60	20.47	7.24	4.53	440.9Klb	522.56lb
SBX-300t	11.81	5.91	12.40	37.72	17.72	22.56	7.87	5.12	661.4Klb	800.3lb
SBX-500t	14.71	7.28	15.35	46.93	21.95	26.93	9.45	6.50	1102.3Klb	1508lb
SBX-800t	17.32	9.45	19.41	57.55	26.98	34.41	11.81	8.15	1763.7Klb	2384.7lb
SBX-1000t	22.05	10.63	21.89	65.85	30.73	41.89	15.35	9.45	2204.8Klb	4462.2lb
SBX-1250t	22.05	11.81	24.41	73.07	33.46	43.54	17.35	10.23	2755.8Klb	5553.8lb

Remark: L1 has a tolerance of +1-2mm for L1; 1/32" 43mm, +1-3mm for 46mm; 1/16" 50mm, +1-4mm for 73mm; 1/8" 52.5mm, and +1-5mm for 105mm; 1/4" 140mm

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Shackle, Alloy Steel



DIMENSIONS

PART NUMBER	C	C1	C2	H	H1	L	L1	W	Safe Working Load	Shipping Weight
mm										
TBX-2t	26	12	23	36.5	9.5	54	17	9.5	2t	0.13kg
TBX-2.5t	29.5	14	27	43	11	62	19	11	2.5t	0.22kg
TBX-3.25t	33	16	30	48	13	71.5	20.5	13	3.25t	0.31kg
TBX-5t	43	20	38	60.5	17.5	89	27	16	5t	0.72kg
TBX-7t	51	22	46	71.5	20.5	105	32	19	7t	1.10kg
TBX-9.5t	58	27	53	84	24.5	121	36.5	22.5	9.5t	1.76kg
TBX-12.5t	68.5	30	60.5	95	27	136.5	43	25.5	12.5t	2.58kg
TBX-15t	74	33	66.5	108	32	150.5	48	29.5	15t	3.70kg
TBX-18t	82.5	36	76	119	35	166.5	51.5	33	18t	5.09kg
TBX-21t	92	39	84	133.5	38	181	57	36	21t	6.70kg
TBX-30t	98.5	42	92	146	41	196.5	60.5	39	30t	8.42kg
TBX-40t	127	52	106.5	178	57	239	73	47	40t	14.22kg
TBX-50t	146	60	122	197	61	266.5	82.5	53	50t	23.3kg
TBX-80t	184	72	144.5	267	79.5	344	105	69	80t	42.12kg
TBX-110t	200	85	165	330	92	400	127	76	110t	74.8kg

inches (conversion of above dimensions)

TBX-2t	1.02	0.47	0.91	1.44	0.37	2.13	0.67	0.37	4.41Klb	0.29lb
TBX-2.5t	1.16	0.55	1.06	1.69	0.43	2.44	0.75	0.43	5.51Klb	0.49lb
TBX-3.25t	1.30	0.63	1.18	1.89	0.51	2.81	0.81	0.51	7.17Klb	0.68lb
TBX-5t	1.69	0.79	1.50	2.38	0.69	3.50	1.06	0.63	11.02Klb	1.59lb
TBX-7t	2.01	0.87	1.81	2.81	0.81	4.13	1.26	0.75	15.43Klb	2.43lb
TBX-9.5t	2.28	1.06	2.09	3.31	0.96	4.76	1.44	0.89	20.94Klb	3.88lb
TBX-12.5t	2.70	1.18	2.38	3.74	1.06	5.37	1.69	1.00	27.58Klb	5.69lb
TBX-15t	2.91	1.30	2.70	4.25	1.26	6.03	1.81	1.16	33.07Klb	8.16lb
TBX-18t	3.25	1.42	2.99	4.69	1.38	6.56	2.03	1.30	39.68Klb	11.16lb
TBX-21t	3.62	1.54	3.31	5.26	1.50	7.13	2.24	1.42	46.30Klb	14.77lb
TBX-30t	3.88	1.65	3.62	5.75	1.61	7.74	2.38	1.54	61.4Klb	18.56lb
TBX-40t	5.0	2.05	4.10	7.01	2.24	9.41	2.87	1.85	88.18Klb	23.55lb
TBX-50t	5.75	2.36	4.80	7.76	2.40	10.5	3.25	2.09	110.23Klb	51.37lb
TBX-80t	7.24	2.83	5.69	10.5	3.13	13.5	4.13	2.72	176.37Klb	92.86lb
TBX-110t	7.87	3.35	6.50	13.0	3.62	15.7	5.0	2.92	242.51Klb	164.91lb

Features:

- High tensile bolt type anchor shackle, quality meets ISO2415-2004
- Working Load Limit(WLL) permanently engraved on each shackle
- Each shackle proof tested to 2.0 times the Working Load Limit
- Breaking load: 4.0 times of Working Load Limit

AXLE WEIGH PAD ANYLOAD

ANYLOAD

AXA

Axle Weigh Pad



CE

SPECIFICATIONS	
Display	6 Digit FSTN LCD (Height 11mm / 1/2in) & LED Backlight
Operating Switch	2 Capacitive Touch Buttons
Front Cover Material	Polycarbonate
Housing material	Aluminum, Hammer-Tone Powder Coating
Battery	Rechargeable 18650 Li-Ion with PCM (Protection Circuit module)
Charger	100 to 240VAC, 60Hz
Operating Time	Continuous use: Approx. up to 600 hours
Operating Temperature	-20°C to 60°C / -4°F to 140°F
Operating Humidity	85% R.H. (No Condensation)

Features:

- Highly durable powder-coated aluminum chassis
- Up to 600 hours of continuous use per charge battery replaceable & rechargeable
- Zigbee wireless communication for reliable cable-free setup
- IP68 Waterproof with operating temperature range of -20°C to 60°C / -4°F to 140°F for all-weather usage
- Weigh-in-motion (WIM) feature on AXA-8
- 6-digit LCD with LED backlight for clear weight display
- Rugged polycarbonate front cover for enhanced impact resistance
- Compact and portable; ideal for mobile axle weighing applications

Portable wireless indicator AN560:

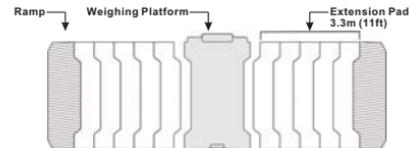
- E-ink Display With Backlight
- IP67 (Closed)
- Rechargeable Battery 600 Hours
- 24-Key Keypad
- Built-in Thermal Printer
- Pairs Up To 8 AXA Pads



(Order separately. Check AN560 data sheet for more details)

Part Number	Model	Capacity	Division	Pad Size	Overall Dimension	Height	Self Weight (Approx.)
AXA-3-0.5t	AXA-3	0.5t (1Klb)	0.2kg (0.5lb)	12 x 12in (305 x 305mm)	17.5 x 14.5in (444 x 368mm)	1.22in (31mm)	5.8kg (12.8lb) ramp included
AXA-3-1t		1t (2Klb)	0.5kg (1lb)				
AXA-3-2t		2t (4Klb)	1kg (2lb)				
AXA-5-3t	AXA-5	3t (6Klb)	1kg (2lb)	19.7 x 14.6in	22.2 x 23.8in	1.42in	16kg (35.3lb) ramp included
AXA-5-5t		5t (10Klb)	2kg (5lb)	(500 x 370mm)	(563 x 606mm)	(36mm)	
AXA-8-10t	AXA-8	10t (22Klb)	10kg (20lb)	31.5 x 19.7in	34.5 x 35.4in	1.42in	25kg (55lb) ramp included
AXA-8-15t		15t (33Klb)	10kg (20lb)	(800 x 500mm)	(876 x 900mm)	(36mm)	
AXA-8-20t		20t (44Klb)	10kg (20lb)				

Accessories: Extension Pad



To be ordered separately, Part Number: AXA-8-EXT-30

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AXLE WEIGH PAD



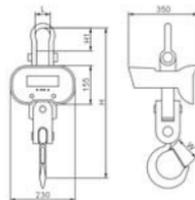
OCSA Series

FEATURES

- Fast resolution switching
- LED display 5 digits 1.5inch (38mm)
- Fixed hook
- Idle mode to maximize the battery life
- HOLD function
- Tare In / Tare Out
- Unit switch: kg / lb
- Auto overload alarm at 100%F.S. +9e
- Auto power-off function

OPTION

- LCD display version, model OCSA4



Model	OCSA3
Type	General
Accuracy Class	Following OIML R76, Class III, NOT certified
Enclosure	Die-casting aluminum
Capacity Available	20/30/40Kib
Battery Life	100Hours
High Quality Load Receptor	Alloy Steel
Shackle	H.D. Bow
Hook	H.D. Eye
High Capacity Rechargeable Battery	Yes 6V/10Ah
Infrared Remote Control	Yes

Rated Capacity	Division	H	H1	L	W	N.W.	G.W.
20Kib/10t	10lb/5kg	770mm/30.3"	147mm/5.7"	94mm/3.7"	60mm/2.4"	43kg/95lb	50kg/100lb
30Kib/15t	10lb/5kg	860mm/33.9"	178mm/7.0"	128mm/5.0"	75mm/3.0"	61kg/134lb	76kg/168lb
40Kib/20t	20lb/10kg	950mm/37.4"	250mm/9.8"	135mm/5.3"	75mm/3.0"	64kg/141lb	78kg/172lb

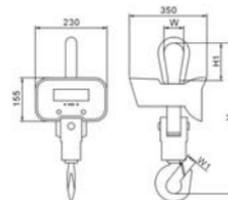
OCSB Series

FEATURES

- Fast resolution switching
- LED display 5 digits 1.5inch (38mm)
- Rotatable hook
- Idle mode to maximize the battery life
- HOLD function
- Tare In / Tare Out
- Unit switch: kg / lb
- Auto overload alarm at 100%F.S. +9e
- Auto power-off function

OPTION

- LCD display version, model OCSB4



Rated Capacity	Division	H	H1	W	W1	N.W.	G.W.
2Kib/1t	1lb/0.5kg	395mm/15.6"	100mm/3.9"	70mm/2.8"	35mm/1.4"	12kg/26lb	13kg/29lb
4Kib/2t	2lb/1kg	395mm/15.6"	100mm/3.9"	70mm/2.8"	35mm/1.4"	12kg/26lb	13kg/29lb
6Kib/3t	2lb/1kg	395mm/15.6"	100mm/3.9"	70mm/2.8"	35mm/1.4"	12kg/26lb	13kg/29lb
10Kib/5t	5lb/2kg	490mm/19.3"	115mm/4.5"	85mm/3.4"	40mm/1.6"	17kg/37lb	19kg/40.8lb



Model	OCSB3
Type	General
Accuracy Class	Following OIML R76, Class III, NOT certified
Enclosure	Die-casting aluminum
Capacity Available	2/4/6/10Kib
Battery Life	100Hours
High Quality Load Receptor	Alloy Steel
Shackle	H.D. Fixed
Hook	H.D. Rotatable
High Capacity Rechargeable Battery	Yes 6V/10Ah
Infrared Remote Control	Yes

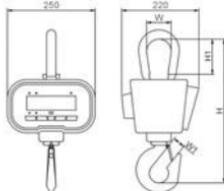
OCSC Series

FEATURES

- Fast resolution switching
- Supplied with 2 rechargeable batteries
- LED display 5 digits 1.5inch (38mm)
- Rotatable hook
- Idle mode to maximize the battery life
- HOLD function
- Tare In / Tare Out
- Unit switch: kg / lb
- Auto overload alarm at 100%F.S. +9e
- Auto power-off function

OPTION

- LCD display version, model OCSC4



Model	OCSC3
Type	Convenience
Accuracy Class	Following OIML R76, Class III, NOT certified
Enclosure	Die-casting aluminum
Capacity Available	2/4/6/10Klb
Battery Life	80Hours (with 2 batteries)
High Quality Load Receptor	Alloy Steel
Shackle	H.D. Fixed
Hook	H.D. Rotatable
High Capacity Rechargeable Battery	Yes (Easy to exchange) 6V/3.2Ahx2
Infrared Remote Control	Yes

Rated Capacity	Division	H	H1	W	W1	N.W.	G.W.
2Klb/1t	1lb/0.5kg	420mm/16.5"	100mm/3.9"	70mm/2.8"	35mm/1.4"	11.5kg/25lb	14kg/31lb
4Klb/2t	2lb/1kg	420mm/16.5"	100mm/3.9"	70mm/2.8"	35mm/1.4"	11.5kg/25lb	14kg/31lb
6Klb/3t	2lb/1kg	420mm/16.5"	100mm/3.9"	70mm/2.8"	35mm/1.4"	11.5kg/25lb	14kg/31lb
10Klb/5t	5lb/2kg	480mm/18.9"	115mm/4.5"	85mm/3.3"	40mm/1.6"	15kg/33lb	18kg/40lb

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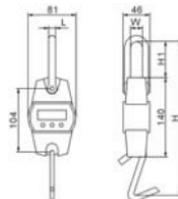
OCSL Series

FEATURES

- Fast resolution switching
- LCD display 5 digits 0.7inch (18mm)
- Fixed hook
- Idle mode to maximize the battery life
- HOLD function
- Tare In / Tare Out
- Unit switch: kg / lb / N
- Auto overload alarm at 100%F.S. +9e
- Auto power-off function



Model	OCSL
Type	Mini
Accuracy Class	Following OIML R76, Class III, NOT certified
Enclosure	Die-casting Aluminum
Capacity Available	60/120/250/400/600lb
Battery Life	100Hours
Shackle	Stainless Steel
Hook	Stainless Steel
Battery	3 x AA
Infrared Remote Control	No



Rated Capacity	Division *	H	H1	L	W	N.W.	G.W.
60lb/30kg	0.02lb/0.01kg	265mm/10.4"	70mm/2.8"	10mm/0.4"	20mm/0.8"	540g/1.2lb	0.8kg/1.8lb
120lb/60kg	0.05lb/0.02kg	265mm/10.4"	70mm/2.8"	10mm/0.4"	20mm/0.8"	540g/1.2lb	0.8kg/1.8lb
250lb/120kg	0.10lb/0.05kg	265mm/10.4"	70mm/2.8"	10mm/0.4"	20mm/0.8"	540g/1.2lb	0.8kg/1.8lb
400lb/200kg	0.2lb/0.1kg	265mm/10.4"	70mm/2.8"	10mm/0.4"	20mm/0.8"	540g/1.2lb	0.8kg/1.8lb
600lb/300kg	0.2lb/0.1kg	265mm/10.4"	70mm/2.8"	10mm/0.4"	20mm/0.8"	540g/1.2lb	0.8kg/1.8lb

*Primary unit as lb; kg/lb conversion by 2.2 but not by increment of 1, 2 or 5 when in kg.

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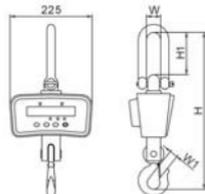
OCSM Series

FEATURES

- Fast resolution switching
- LED display 5 digits 1.2inch (30mm)
- Rotatable hook
- Idle mode to maximize the battery life
- HOLD function
- Tare In / Tare Out
- Unit switch: kg / lb (lb unit annunciator will turn on if lb is selected, will turn off if set to kg)
- Auto overload alarm at 100%F.S. +9e
- Auto power-off function

OPTION

- LCD display version, model OCSM2



Model	OCSM1
Type	Light
Accuracy Class	Following OIML R76, Class III, NOT certified
Enclosure	Die-casting aluminum
Capacity Available	200/400/600/1000/2000lb
Battery Life	80Hours
High Quality Load Receptor	Alloy Steel
Shackle	Stainless Steel
Hook	Rotatable
High Capacity Rechargeable Battery	Yes 6V/5Ah
Infrared Remote Control	Yes

Rated Capacity	Division	H	H1	W	W1	N.W.	G.W.
200lb/100kg	0.1lb/0.05kg	350mm/13.8"	80mm/3.1"	20mm/0.8"	24mm/0.9"	4.1kg/9lb	5.2kg/11lb
400lb/200kg	0.2lb/0.1kg	350mm/13.8"	80mm/3.1"	20mm/0.8"	24mm/0.9"	4.1kg/9lb	5.2kg/11lb
600lb/300kg	0.2lb/0.1kg	350mm/13.8"	80mm/3.1"	20mm/0.8"	24mm/0.9"	4.1kg/9lb	5.2kg/11lb
1Klb/500kg	0.5lb/0.2kg	370mm/14.6"	85mm/3.3"	25mm/1.0"	36mm/1.4"	4.3kg/9lb	5.6kg/12lb
2Klb/1t	1lb/0.5kg	370mm/14.6"	85mm/3.3"	25mm/1.0"	36mm/1.4"	4.3kg/9lb	5.6kg/12lb

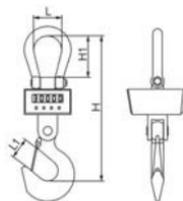
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OCSZ Series

FEATURES

- Fast resolution switching
- LED display 5 digits 2.2inch (56mm)
- Fixed hook
- HOLD function
- Tare In / Tare Out
- Unit switch: kg / lb
- Weight accumulation function
- Auto overload alarm at 100%F.S. +9e
- Auto power-off function



Model	OCSZ
Type	Heavy Duty
Accuracy Class	Following OIML R76, Class III, NOT certified
Enclosure	Whole Steel Anti-collision
Capacity Available	20/30/40/60/100Klb
Battery Life	>60Hours
High Quality Load Receptor	Alloy Steel
Shackle	H.D. Bow
Hook	H.D. Eye
High Capacity Rechargeable Battery	Yes 6V/10Ah*
Infrared Remote Control	Yes

*With Terminal Top Plate (OCS-6V10Ah-BATCAP)

Rated Capacity	Division	H	H1	L	L1	N.W.	G.W.
20Klb/10t	10lb/5kg	850mm/33.5"	140mm/5.5"	105mm/4.1"	70mm/2.8"	60kg/132lb	72kg/159lb
30Klb/15t	10lb/5kg	900mm/35.4"	160mm/6.3"	140mm/5.5"	75mm/3.0"	80kg/176lb	--
40Klb/20t	20lb/10kg	950mm/37.4"	180mm/7.1"	150mm/5.9"	80mm/3.1"	95kg/209lb	--
60Klb/30t	20lb/10kg	1120mm/44.1"	215mm/8.5"	165mm/6.5"	90mm/3.5"	165kg/364lb	200kg/441lb
100Klb/50t	50lb/20kg	1350mm/53.1"	235mm/9.3"	180mm/7.1"	105mm/4.1"	395kg/871lb	--

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Specifications

OCSA/B/C

Model	OCSA	OCSB	OCSC
Panel Button	Water-proof	Water-proof	Water-proof
Zero	Yes	Yes	Yes
Tare In / Tare Out	Yes	Yes	Yes
Hold	Yes	Yes	Yes
Low Voltage Alarm	Yes	Yes	Yes
Battery Supervision	Yes	Yes	Yes
Overload Alarm / Record	Yes	Yes	Yes
Digital Calibration	Yes	Yes	Yes
3-point Linearity Correction	Yes	Yes	Yes
Unit switch	kg/lb	kg/lb	kg/lb
Gravity Acceleration Set	Yes	Yes	Yes
Tare Set	Yes	Yes	Yes
Total / Delete / Clear Total	Yes	Yes	Yes
View Total	Yes	Yes	Yes
Resolution Switch	Yes	Yes	Yes
Auto-off Set	Yes	Yes	Yes
Idle Set	Yes	Yes	Yes
Display Luminance Set	Yes	Yes	Yes
Display Speed Set	Yes	Yes	Yes
Anti-motion Set	Yes	Yes	Yes
Tare Range	100%F.S.	100%F.S.	100%F.S.
Zero Range	4%F.S.	4%F.S.	4%F.S.
Save Overload	120%F.S.	120%F.S.	120%F.S.
Ultimate Overload	400%F.S.	400%F.S.	400%F.S.
Overload Alarm	100%F.S. +9e	100%F.S. +9e	100%F.S. +9e
Battery	6V/10Ah	6V/10Ah	2 X 6V/3.2Ah
Power Adapter	DC9V/1.5A	DC9V/1.5A	DC9V/1.5A
Effective Remote Distance	10 meter/32.8 feet	10 meter/32.8 feet	10 meter/32.8 feet
Operation Temperature Range	-10°C to 40°C 14°F to 104°F	-10°C to 40°C 14°F to 104°F	-10°C to 40°C 14°F to 104°F

*Able to turn off by remote but can't turn on in order to avoid draining the battery at standby mode. If standby mode required, can set auto sleep instead so the scale can wake up once the load changed.

Specifications

OCSM/L/Z

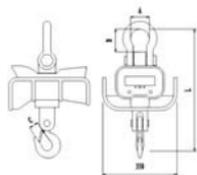
Model	OCSM	OCSL	OCSZ
Panel Button	Water-proof	Water-proof	Stainless Steel
Zero	Yes	Yes	Yes
Tare In / Tare Out	Yes	Yes	Yes
Hold	Yes	Yes	Yes
Low Voltage Alarm	Yes	Yes	Yes
Battery Supervision	Yes	Yes	Yes
Overload Alarm / Record	Yes	Yes	Yes
Digital Calibration	Yes	Yes	Yes
3-point Linearity Correction	Yes	Yes	Yes
Unit switch	kg/lb(lb annunciator only)	kg/lb/N	kg/lb
Gravity Acceleration Set	Yes	Yes	Yes
Tare Set	Yes	Yes	Yes
Total / Delete / Clear Total	Yes	Yes	Yes
View Total	Yes	Yes	Yes
Resolution Switch	Yes	Yes	Yes
Auto-off Set	Yes	3 sec	Yes
Idle Set	Yes	Yes	Yes
Display Luminance Set	Yes	Yes	Yes
Display Speed Set	Yes	Yes	Yes
Anti-motion Set	Yes	Yes	Yes
Tare Range	100%F.S.	100%F.S.	100%F.S.
Zero Range	4%F.S.	4%F.S.	4%F.S.
Save Overload	120%F.S.	120%F.S.	120%F.S.
Ultimate Overload	400%F.S.	300%F.S.	400%F.S.
Overload Alarm	100%F.S. +9e	100%F.S. +9e	100%F.S. +9e
Battery	6V/5Ah	3x1.5V AA	6V/10Ah
Power Adapter	DC9V/1.5A	N/A	DC9V/1.5A
Effective Remote Distance	10 meter/32.8 feet	N/A	10 meter/32.8 feet
Operation Temperature Range	-10°C to 40°C 14°F to 104°F	-10°C to 40°C 14°F to 104°F	-10°C to 40°C 14°F to 104°F

*Able to turn off by remote but can't turn on in order to avoid draining the battery at standby mode. If standby mode required, can set auto sleep instead so the scale can wake up once the load changed.

OCSG Series

FEATURES

- Fast resolution switching
- 30mm 5 digits LED display
- Fixed hook
- Idle mode to maximize the battery life
- HOLD function
- Tare In / Tare Out
- Unit switch: kg / lb
- Auto overload alarm at 100%F.S. +9e
- Auto power-off function



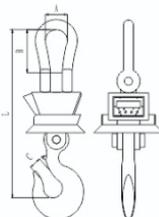
Model	OCSG1
Type	Heat Resistant
Accuracy Class	OIML III
Enclosure	Die-casting Aluminum
Display	30mm LED
Capacity Available	6 / 10 / 20 / 30Klb
Battery Life	100Hours
High Quality Load Receptor	Alloy Steel
Shackle	H.D. Bow
Hook	H.D. Eye
High Capacity Rechargeable	Yes
Battery	6V/10Ah
Infrared Remote Control	Yes

Rated Capacity	Division	A	B	C	L	N.W.	G.W.
6Klb	2lb/1kg	92mm/3.62"	100mm/3.94"	55mm/2.17"	730mm/28.74"	33kg/72.8lb	36kg/79.4lb
10Klb	5lb/2kg	98mm/3.86"	125mm/4.92"	70mm/2.76"	850mm/33.46"	46kg/101.4lb	59kg/130.1lb
20Klb	10lb/5kg	130mm/5.12"	140mm/5.51"	70mm/2.76"	900mm/35.43"	64kg/141.1lb	69kg/152.1lb
30Klb	10lb/5kg	130mm/5.12"	160mm/6.30"	75mm/2.95"	950mm/37.40"	70kg/154.3lb	85kg/187.4lb

OCSG Series

FEATURES

- Fast resolution switching
- 56mm 5 digits LED display
- Fixed hook
- HOLD function
- Tare In / Tare Out
- Unit switch: kg / lb
- Auto overload alarm at 100%F.S. +9e
- Auto power-off function



Model	OCSG2
Type	Heat Resistant
Accuracy Class	OIML III
Enclosure	Steel
Display	56mm LED
Capacity Available	10 / 20 / 30 / 40 / 60Klb
Battery Life	100Hours
High Quality Load Receptor	Alloy Steel
Shackle	H.D. Bow
Hook	H.D. Eye
High Capacity Rechargeable	Yes
Battery	6V/10Ah
Infrared Remote Control	Yes

Rated Capacity	Division	A	B	C	L	N.W.	G.W.
10Klb	5lb	105mm/4.13"	140mm/5.51"	70mm/2.76"	850mm/33.46"	60kg/132.3lb	59kg/130.1lb
20Klb	10lb	140mm/5.51"	160mm/6.30"	75mm/2.95"	900mm/35.43"	80kg/176.4lb	69kg/152.1lb
30Klb	10lb	150mm/5.91"	180mm/7.09"	80mm/3.15"	950mm/37.40"	95kg/209.4lb	85kg/187.4lb
40Klb	20lb	165mm/6.50"	215mm/8.46"	90mm/3.54"	1120mm/44.09"	165kg/363.8lb	--
60Klb	20lb	180mm/7.09"	235mm/9.25"	105mm/4.13"	1350mm/53.15"	395kg/870.8lb	--



*Shackles & indicators optional

OCSD Series

FEATURES

- Fast resolution switching
- 25mm 5 digits LCD display w/ backlight
- Peak Hold function
- Accurate Class up to 0.1%
- 2 Programmable set-point
- Unit switch: kg / lb / t / N / kN
- Auto power-off function
- Matches with standard shackles
- **Must have one of the indicators to calibrate and / or change parameters**

OPTION

- Wireless Indicator (P180)
- Wireless Handheld Indicator (P380)
- Indicator / Printer (P580)
- Galvanized shackle hook (SBX)
- Scoreboard (BD)

Model	OCSD	OCSD
Type	Dynamometer	Dynamometer
Accuracy Class	Following OIML R76, Class III, NOT certified	Following OIML R76, Class III, NOT certified
Enclosure	Aluminum	Alloy Steel
Display	125mm LCD w/ Backlight	25mm LCD w/ Backlight
Capacity Available	1/2/3/5t	10/20/30/50/100/200t
Battery Life	50Hours	50Hours
Battery	3 x AA	3 x AA

Rated Capacity	Division	H	L	W	H1	W1	C	N.W.	SBX (back)
1t/2Kib	0.5kg/1lb	245mm/9.6"	112mm/4.4"	37mm/1.5"	190mm/7.5"	25mm/1.0"	20.5mm/0.8"	1.6kg/4lb	3.25t
2t/4Kib	1kg/2lb	260mm/10.2"	123mm/4.8"	37mm/1.5"	195mm/7.7"	30mm/1.2"	24mm/0.9"	2.1kg/5lb	4.75t
3t/6Kib	1kg/2lb	260mm/10.2"	123mm/4.8"	37mm/1.5"	195mm/7.7"	30mm/1.2"	24mm/0.9"	2.1kg/5lb	4.75t
5t/10Kib	2kg/5lb	285mm/11.2"	123mm/4.8"	54mm/2.1"	210mm/8.3"	34mm/1.3"	27mm/1.1"	2.7kg/6lb	6.5t
10t/20Kib	5kg/10lb	320mm/12.6"	120mm/4.7"	54mm/2.1"	230mm/9.1"	-	41mm/1.6"	10.4kg/23lb	13.5t
20t/40Kib	10kg/20lb	375mm/14.8"	128mm/5.0"	71mm/2.8"	260mm/10.2"	-	54mm/2.1"	17.8kg/39lb	25t
30t/60Kib	10kg/20lb	420mm/16.5"	138mm/5.4"	79mm/3.1"	280mm/11.0"	-	60mm/2.4"	25kg/55lb	35t
50t/100Kib	20kg/50lb	465mm/18.3"	150mm/5.9"	101mm/4.0"	305mm/12.0"	-	74mm/2.9"	39kg/86lb	55t
100t/200Kib	50kg/100lb	570mm/22.4"	190mm/7.5"	129mm/5.1"	366mm/14.4"	-	99mm/3.9"	91kg/201lb	120t
200t/400Kib	100kg/200lb	720mm/28.3"	265mm/10.4"	180mm/7.1"	440mm/17.3"	-	135mm/5.3"	210kg/463lb	Call

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OCSD Series

OCSD Indicator P180



FEATURES

- **Palm Size:** small size enclosure of only 28X70X90mm which is easy for carrying around
- **Wireless two way communication:** can do tare, zero scale, calibration and parameter setting
- **Display:** five 12mm high LCD digits with backlight which can show the status of battery power, tare, zero, peak and stable
- **USB Port:** equipped with USB port for easy connection and communication with PC
- **Power Supply:** power supply through USB connection or Lithium battery (included)
- **Operating Temperature:** -20°C to 60°C
- **Antenna:** concealed antenna as an integral part of the receiver
- **Updating Rate:** 12 times per second from load cell
- **Radio Frequency:** 2.4GHz wireless transmission of up to 30m distance and 128 available channels.

OCSD Handheld Indicator P380



FEATURES

- **Hand Held Size:** the enclosure is 220X105X50 and is designed for comfortable handheld operation
- **Wireless two way communication:** can do tare, zero scale, calibration and parameter setting
- **Display:** five 25mm high LCD digits with backlight which can show the status of battery power, tare, zero, peak and stable
- **Battery:** four AA size alkaline batteries can allow 50 hours continuous operation
- **Set Points:** Two user programmable Set-Points can be used for safety and warning applications, or for weighing limit
- **Operating Temperature:** -20°C to 60°C
- **Antenna:** concealed antenna as an integral part of the receiver
- **Updating Rate:** 12 times per second from load cell
- **Radio Frequency:** 2.4GHz wireless transmission of up to 30m distance and 128 available channels.

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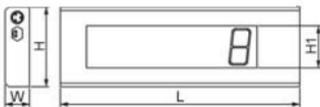
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OCSD Series

OCSD Indicator / Printer
P580

FEATURES

- **Portable Size with Printer:** the receiver is equipped with a printer and is designed for easy carrying in a leather bag provided
- **Wireless two way communication:** can do tare, zero scale, calibration and parameter setting
- **Display:** five 25mm high LCD digits with backlight which can show the status of battery power, tare, zero, peak and stable
- **Keyboard function:** can print date, time, serial number, commodity number, net weight and total weight, can take up to 16 digits heading information, and store up to 2,000 weigh records
- **Battery:** equipped with a high performance, 5C type industrial Ni-H battery which can be recharged for 1,000 cycles, a fully recharged battery can provide 50 hours normal operation
- **Printer:** Fujitsu FTP-680 2" high speed thermal printer
- **CPU:** ARM based 32 bit MCU combines with high performance, real time capability, low power and low voltage operation
- **Communication:** both RS-232 serial port and USB port are provided for flexible connection with laptops
- **Operating Temperature:** -20°C to 60°C
- **Antenna:** concealed antenna as an integral part of the receiver
- **Updating Rate:** 12 times per second from load cell
- **Radio Frequency:** 2.4GHz wireless transmission of up to 30m distance and 128 available channels.

OCSD Scoreboard
BD

FEATURES

- **Dynamic scan flip-latching technology (BD3/5)**
- **High-lighted digital segment and broad eyesight with special optical filter film**
- **Display character:** 6-bit LED with character height 75mm (BD3 steel housing)
- **Display character:** 5-bit LED with character height 125mm (BD5 steel housing)
- **Temperature:** -10~40°C
- **Humidity:** <85%RH

Model	H	H1	L	H	N.W.
	[mm/in]	[mm/in]	[mm/in]	[mm/in]	[kg/lb]
BD3	180/7.09	75/2.95	540/21.26	55/2.17	4.2/9
BD5	260/10.24	125/4.92	780/30.71	58/2.28	6.6/15

BENCH SCALE PLATFORMS

ANYLOAD

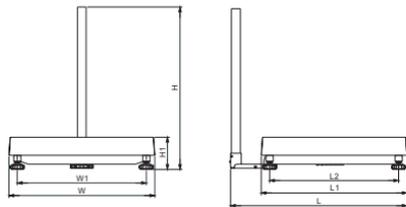
Bench Scale, Mild Steel



Indicator to be ordered separately.

Features:

- 1/14 inch (25mm) heavy gage stainless steel pan
- Heavy gage mild steel construction
- Level bubble
- Bracket, column and column holder included
- Overload capacity: 150% FS



DIMENSIONS(mm)

	L	L1	L2	H	H1	W	W1
TN3030	439	310	240	407	112	310	240
TN4050	639	510	440	665	110	410	340
TN4646	599	470	400	667	112	470	400
TN4660	739	610	540	686	140	470	400
TN6060	739	610	540	667	134	610	540

PART NUMBER	RATED CAPACITY	DIVISION	LOAD CELL CAPACITY	PLATFORM SIZE (inch/cm)	COLUMN LENGTH (inch/cm)	GROSS WEIGHT (kg/lb)
TN3030-15kg	15kg	5g	108JA-20kg	11.8 x 11.8 / 30 x 30	15.75 / 40	10.3/22.7
TN3030-30kg	30kg	10g	108JA-50kg	11.8 x 11.8 / 30 x 30	15.75 / 40	10.3/22.7
TN3030-60kg	60kg	20g	108JA-75kg	11.8 x 11.8 / 30 x 30	15.75 / 40	10.3/22.7
TN4050-60kg	60kg	20g	108JA-75kg	15.8 x 19.7 / 40 x 50	26 / 66	17.6/38.8
TN4050-60kg-LE	60kg	20g	108JA-LE75kg	15.8 x 19.7 / 40 x 50	26 / 66	17.6/38.8
TN4050-150kg-SE	150kg	50g	108JA-SE200kg	15.8 x 19.7 / 40 x 50	26 / 66	17.6/38.8
TN4050-300kg-SE	300kg	100g	108JA-SE400kg	15.8 x 19.7 / 40 x 50	26 / 66	17.6/38.8
TN4646-60kg	60kg	20g	108JA-75kg	18.1 x 18.1 / 46 x 46	26 / 66	-
TN4646-60kg-LE	60kg	20g	108JA-LE75kg	18.1 x 18.1 / 46 x 46	26 / 66	-
TN4646-150kg-SE	150kg	50g	108JA-SE200kg	18.1 x 18.1 / 46 x 46	26 / 66	-
TN4646-300kg-SE	300kg	100g	108JA-SE400kg	18.1 x 18.1 / 46 x 46	26 / 66	-
TN4660-60kg	60kg	20g	108JA-75kg	18.1 x 23.6 / 46 x 60	26 / 66	24.8/54.7
TN4660-60kg-LE	60kg	20g	108JA-LE75kg	18.1 x 23.6 / 46 x 60	26 / 66	24.8/54.7
TN4660-150kg-SE	150kg	50g	108JA-SE200kg	18.1 x 23.6 / 46 x 60	26 / 66	24.8/54.7
TN4660-300kg-SE	300kg	100g	108JA-SE400kg	18.1 x 23.6 / 46 x 60	26 / 66	24.8/54.7
TN6060-150kg-SE	150kg	50g	108JA-SE200kg	23.6 x 23.6 / 60 x 60	26 / 66	30.5/67.2
TN6060-300kg-SE	300kg	100g	108JA-SE400kg	23.6 x 23.6 / 60 x 60	26 / 66	30.5/67.2

OPTIONAL INDICATORS

- Indicators (page 198-21)

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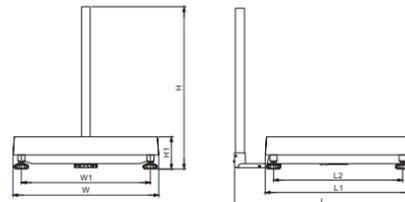
Bench Scale, 304 Stainless Steel



Indicator to be ordered separately.

Features:

- Heavy gage stainless steel pan
- Heavy gage stainless steel construction
- Level bubble
- Bracket, column and column holder included
- Overload capacity: 150% FS



DIMENSIONS(mm)

	L	L1	L2	H	H1	W	W1
TNS3030	439	310	240	407	112	310	240
TNS4050	639	510	440	665	110	410	340
TNS4646	599	470	400	667	112	470	400
TNS4660	739	610	540	686	140	470	400
TNS6060	739	610	540	667	134	610	540

PART NUMBER	RATED CAPACITY	DIVISION	LOAD CELL CAPACITY	PLATFORM SIZE (inch/cm)	COLUMN LENGTH (inch/cm)	GROSS WEIGHT (kg/lb)
TNS3030-15kg	15kg	5g	108JA-20kg	11.8 x 11.8 / 30 x 30	15.75 / 40	10.9/24.0
TNS3030-30kg	30kg	10g	108JA-50kg	11.8 x 11.8 / 30 x 30	15.75 / 40	10.9/24.0
TNS3030-60kg	60kg	20g	108JA-75kg	11.8 x 11.8 / 30 x 30	15.75 / 40	10.9/24.0
TNS4050-60kg	60kg	20g	108JA-75kg	15.8 x 19.7 / 40 x 50	26 / 66	18.9/41.7
TNS4050-60kg-LE	60kg	20g	108JA-LE75kg	15.8 x 19.7 / 40 x 50	26 / 66	18.9/41.7
TNS4050-150kg-SE	150kg	50g	108JA-SE200kg	15.8 x 19.7 / 40 x 50	26 / 66	18.9/41.7
TNS4050-300kg-SE	300kg	100g	108JA-SE400kg	15.8 x 19.7 / 40 x 50	26 / 66	18.9/41.7
TNS4646-60kg	60kg	20g	108JA-75kg	18.1 x 18.1 / 46 x 46	26 / 66	24.6/54.2
TNS4646-60kg-LE	60kg	20g	108JA-LE75kg	18.1 x 18.1 / 46 x 46	26 / 66	24.6/54.2
TNS4646-150kg-SE	150kg	50g	108JA-SE200kg	18.1 x 18.1 / 46 x 46	26 / 66	24.6/54.2
TNS4646-300kg-SE	300kg	100g	108JA-SE400kg	18.1 x 18.1 / 46 x 46	26 / 66	24.6/54.2
TNS4660-60kg	60kg	20g	108JA-75kg	18.1 x 23.6 / 46 x 60	26 / 66	25.2/55.6
TNS4660-60kg-LE	60kg	20g	108JA-LE75kg	18.1 x 23.6 / 46 x 60	26 / 66	25.2/55.6
TNS4660-150kg-SE	150kg	50g	108JA-SE200kg	18.1 x 23.6 / 46 x 60	26 / 66	25.2/55.6
TNS4660-300kg-SE	300kg	100g	108JA-SE400kg	18.1 x 23.6 / 46 x 60	26 / 66	25.2/55.6
TNS6060-150kg-SE	150kg	50g	108JA-SE200kg	23.6 x 23.6 / 60 x 60	26 / 66	31.4/69.2
TNS6060-300kg-SE	300kg	100g	108JA-SE400kg	23.6 x 23.6 / 60 x 60	26 / 66	31.4/69.2

OPTIONAL INDICATORS

- Indicators (page 198-21)

LOAD CELL UPGRADE OPTION

- IP68, IP69K hermetically seal stainless steel load cell, 651JS (page 96)

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FLOOR SCALE PLATFORMS & HARDWARES

ANYLOAD

Floor Scale, Mild Steel



Dual Access to Junction box - from Top & Side:



PLATFORM SIZE	DIMENSIONS					
	H	H1	L	L1	W	W1
mm						
FSP4x4-TA	104-117	85.0	1219.0	1054.0	1219.0	1054.0
inches						
FSP4x4-TA	4.09-4.61	3.35	47.99	41.50	47.99	41.50

PART NUMBER	RATED CAPACITY	DIVISION	DIMENSIONS			
			LOAD CELL CAPACITY	SIZE IN INCHES (W x L x H)	WEIGHT	DECK PLATE THICKNESS
Painted Mild Steel						
FSP4x4-5Klb-TA	5Klb	1lb	563YH-23-2.5Klb	48" x 48" x 4"	120kg/265 lb	0.20" / 5mm

OPTIONAL ACCESSORIES

- Indicators (page 198-201)
- Ramp-17 (page 252)
- Bumper Guards (page 253)
- Scale Base Mounting Plate (page 260)

Measurement Canada Approval for:
Capacity: 1Klb to 5Klb;
Platform size: 3ft X 3ft to 5ft X 5ft

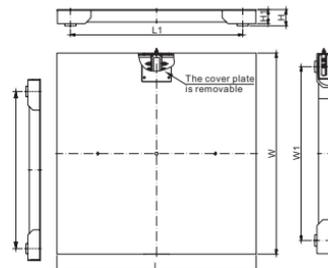
NTEP 1:5 000 Class III Approval for:
Capacity: 1Klb to 10Klb;
Platform size: 3ft X 3ft to 5ft X 5ft

Features:

- Dual access to junction box - from Top & Side
- Heavy-duty industrial grade design
- Ultra Rigid steel honeycomb channeled frame
- Pre-trimmed corner adjustment per OIML & NTEP
- Threaded eye-bolt holes for easy lifting/transport
- Powder coated for maximum surface protection
- Re-enforced steel corner plate protection

Complete Set Includes:

- IP67 alloy steel load cells 563YH-23, OIML MAA & NTEP certified
- 4 swivel mild steel feet AMF-F with removable rubber base
- 2 eyebolts
- 1 IP67 aluminum junction box J04EA-16
- 1 level bubble



DIMENSIONS

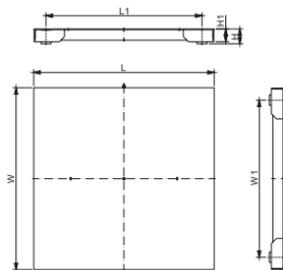
DIMENSIONS

SIZE IN INCHES (W x L x H)

LOAD CELL CAPACITY	WEIGHT	DECK PLATE THICKNESS
563YH-23-2.5Klb	120kg/265 lb	0.20" / 5mm

FSP-HD; FSP-GH

Heavy Duty Floor Scale, Mild Steel



Features:

- Super heavy duty industrial design
- 6mm thick rigid steel channel frame
- Pre-trimmed corners
- Threaded eyebolt holes for easy lifting

Complete Set Includes:

- IP67 steel load cells 563YH-23, OIML MAA & NTEP certified
- 4 heavy duty swivel mild steel feet AMF-F-3/4 or AMF-F-M18 with removable rubber base
- 2 eyebolts
- 1 IP67 aluminum junction box J04EA-16
- 1 level bubble

PLATFORM SIZE	DIMENSIONS					
	H	H1	L	L1	W	W1
mm						
FSP4X4-HD	126-133	86.0	1219.0	1054.0	1219.0	1054.0
FSP4X4-GH	126-133	86.0	1219.0	1054.0	1219.0	1054.0
inches						
FSP4X4-HD	4.96-5.24	3.39	47.99	41.50	47.99	41.50
FSP4X4-GH	4.96-5.24	3.39	47.99	41.50	47.99	41.50

DIMENSIONS

PART NUMBER	RATED CAPACITY	DIVISION	LOAD CELL CAPACITY	SIZE IN INCHES (W x L x H)	WEIGHT	DECK PLATE THICKNESS
Painted Mild Steel						
FSP4x4-2.5t-HD	2.5t	0.5kg	563YH-23-LE1.5t	48" x 48" x 4"	190kg/419lb	0.24" / 6mm
FSP4x4-5t-HD	5t	1kg	563YH-23-2.5t	48" x 48" x 4"	190kg/419lb	0.24" / 6mm
FSP4x4-5Klb-HD	5Klb	1lb	563YH-23-LE2.5Klb	48" x 48" x 4"	190kg/419lb	0.24" / 6mm
FSP4x4-10Klb-HD	10Klb	2lb	563YH-23-5Klb	48" x 48" x 4"	190kg/419lb	0.24" / 6mm
Hot Dip Galvanized Mild Steel						
FSP4x4-5Klb-GH	5Klb	1lb	563YH-23-LE2.5Klb	48" x 48" x 4"	185kg/408 lb	0.24" / 6mm
FSP4x4-10Klb-GH	10Klb	2lb	563YH-23-5Klb	48" x 48" x 4"	185kg/408 lb	0.24" / 6mm

OPTIONAL ACCESSORIES

- Indicators (page 198-201)
- Bumper Guards (page 253)
- Scale Base Mounting Plate (page 260)

Measurement Canada Approval for
-3X3-5Klb -4X4-5Klb -5X5-5Klb

Measurement Canada Approval for
NTEP 1:5 000 Class III Approval for
-3X3-1Klb -4X4-1Klb -5X5-1Klb
-3X3-2Klb -4X4-2Klb -5X5-2Klb
-3X3-5Klb -4X4-5Klb -5X5-5Klb
-3X3-10Klb -4X4-10Klb -5X5-10Klb

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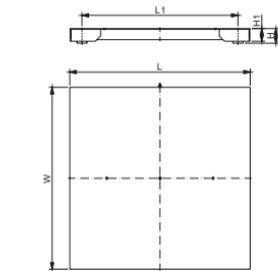
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FSP-SS-S4

Floor Scale, Stainless Steel



Features:

- 17-4PH & 304 Stainless steel heavy-duty industrial design
- Rigid steel channel frame
- Pre-trimmed corners
- Threaded eyebolt holes for easy lifting

Complete Set Includes:

- IP68 stainless steel load cells 563YS, OIML MAA & NTEP certified
- 4 swivel stainless steel feet AMF54 with removable rubber base
- 2 eyebolts
- 1 IP65 stainless steel junction box J04ES-FS
- 1 level bubble

PLATFORM SIZE	DIMENSIONS					
	H	H1	L	L1	W	W1
mm						
FSP3X3-SS-S4	107-121	84.0	914.0	750.0	914.0	750.0
FSP4X4-SS-S4	107-121	85.0	1219.0	1054.0	1219.0	1054.0
FSP5X5-SS-S4	108-122	86.0	1500.0	1300.0	1500.0	1300.0
inches						
FSP3X3-SS-S4	4.21-4.76	3.31	35.99	29.53	35.99	29.53
FSP4X4-SS-S4	4.21-4.76	3.35	47.99	41.50	47.99	41.50
FSP5X5-SS-S4	4.25-4.80	3.39	59.06	51.18	59.06	51.18

DIMENSIONS

PART NUMBER	RATED CAPACITY	DIVISION	LOAD CELL CAPACITY	SIZE IN INCHES (W x L x H)	WEIGHT	DECK PLATE THICKNESS
FSP3x3-500kg-SS-S4	500kg	0.1kg	563YS-300kg	36" x 36" x 4"	75kg / 165 lb	0.16" / 4mm
FSP3x3-1t-SS-S4	1t	0.2kg	563YS-500kg	36" x 36" x 4"	75kg / 165 lb	0.16" / 4mm
FSP3x3-2.5t-SS-S4	2.5t	0.5kg	563YS-1t	36" x 36" x 4"	75kg / 165 lb	0.16" / 4mm
FSP3x3-1Klb-SS-S4	1Klb	0.2lb	563YS-500lb	36" x 36" x 4"	75kg / 165 lb	0.16" / 4mm
FSP3x3-2Klb-SS-S4	2Klb	0.5lb	563YS-1Klb	36" x 36" x 4"	75kg / 165 lb	0.16" / 4mm
FSP3x3-5Klb-SS-S4	5Klb	1lb	563YS-2.5Klb	36" x 36" x 4"	75kg / 165 lb	0.16" / 4mm
FSP4x4-500kg-SS-S4	500kg	0.1kg	563YS-300kg	48" x 48" x 4"	120kg/265 lb	0.20" / 5mm
FSP4x4-1t-SS-S4	1t	0.2kg	563YS-500kg	48" x 48" x 4"	120kg/265 lb	0.20" / 5mm
FSP4x4-2.5t-SS-S4	2.5t	0.5kg	563YS-1t	48" x 48" x 4"	120kg/265 lb	0.20" / 5mm
FSP4x4-5t-SS-S4	5t	1kg	563YS-2t	48" x 48" x 4"	120kg/265 lb	0.20" / 5mm
FSP4x4-1Klb-SS-S4	1Klb	0.2lb	563YS-500lb	48" x 48" x 4"	120kg/265 lb	0.20" / 5mm
FSP4x4-2Klb-SS-S4	2Klb	0.5lb	563YS-1Klb	48" x 48" x 4"	120kg/265 lb	0.20" / 5mm
FSP4x4-5Klb-SS-S4	5Klb	1lb	563YS-2.5Klb	48" x 48" x 4"	120kg/265 lb	0.20" / 5mm
FSP4x4-10Klb-SS-S4	10Klb	2lb	563YS-4Klb	48" x 48" x 4"	120kg/265 lb	0.20" / 5mm
FSP5x5-2.5t-SS-S4	2.5t	0.5kg	563YS-1t	59" x 59" x 4"	200kg/441 lb	0.24" / 6mm
FSP5x5-5t-SS-S4	5t	1kg	563YS-2t	59" x 59" x 4"	200kg/441 lb	0.24" / 6mm
FSP5x5-5Klb-SS-S4	5Klb	1lb	563YS-2.5Klb	59" x 59" x 4"	200kg/441 lb	0.24" / 6mm
FSP5x5-10Klb-SS-S4	10Klb	2lb	563YS-SE5Klb	59" x 59" x 4"	200kg/441 lb	0.24" / 6mm

Measurement Canada Approval for
-3X3-5Klb -4X4-5Klb -5X5-5Klb

Measurement Canada Approval for
NTEP 1:5 000 Class III Approval for
-3X3-1Klb -4X4-1Klb -5X5-1Klb
-3X3-2Klb -4X4-2Klb -5X5-2Klb
-3X3-5Klb -4X4-5Klb -5X5-5Klb
-3X3-10Klb -4X4-10Klb -5X5-10Klb

OPTIONAL ACCESSORIES

- Indicators (page 198-201)
- Ramp-17 (page 252)
- Bumper Guards (page 253)

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FSP; FSP-GI

Floor Scale, Mild Steel

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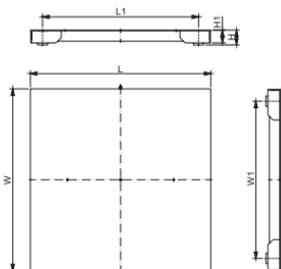


Features:

- Heavy-duty industrial design
- Rigid steel channel frame
- Pre-trimmed corners
- Threaded eyebolt holes for easy lifting
- Powder Coating

Complete Set Includes:

- IP67 alloy steel load cells 563YH-23, OIML MAA & NTEP certified
- 4 swivel mild steel feet AMF-F with removable rubber base
- 2 eyebolts
- 1 IP67 aluminum junction box J04EA-16
- 1 level bubble



DIMENSIONS

PLATFORM SIZE	H	H1	L	L1	W	W1
mm						
FSP2X3	103-117	85.0	914.0	750.0	914.0	750.0
FSP4X4	104-117	85.0	1219.0	1054.0	1219.0	1054.0
FSP5X5	109-122	86.0	1500.0	1300.0	1500.0	1300.0
FSP5X5-LE	122-128	86.0	1500.0	1300.0	1500.0	1300.0
FSP4X6	109-120	86.0	1219.0	1054.0	1330.0	1665.0
FSP5X7	109-120	86.0	1500.0	1300.0	2134.0	1634.0
FSP4X4-GI	104-117	85.0	1219.0	1054.0	1219.0	1054.0
inches						
FSP2X3	4.08-4.61	3.35	35.98	29.53	35.98	29.53
FSP4X4	4.09-4.61	3.35	47.99	41.50	47.99	41.50
FSP5X5	4.29-4.80	3.39	59.06	51.18	59.06	51.18
FSP5X5-LE	4.80-5.04	3.39	59.06	51.18	59.06	51.18
FSP4X6	4.29-4.72	3.39	47.99	41.50	65.55	65.55
FSP5X7	4.29-4.72	3.39	59.06	51.18	84.02	76.14
FSP4X4-GI	4.09-4.61	3.35	47.99	41.50	47.99	41.50

ANYLOAD

FSP; FSP-GI

Floor Scale, Mild Steel

DIMENSIONS

PART NUMBER	RATED CAPACITY	DIVISION	LOAD CELL CAPACITY	SIZE IN INCHES (W x L x H)	WEIGHT	DECK PLATE THICKNESS
Painted Mild Steel						
FSP3x3-300kg	300kg	0.1kg	563YH-23-300kg	36" x 36" x 4"	72kg / 159 lb	0.20" / 5mm
FSP3x3-1t	1t	0.2kg	563YH-23-500kg	36" x 36" x 4"	72kg / 159 lb	0.20" / 5mm
FSP3x3-2.5t	2.5t	0.5kg	563YH-23-1t	36" x 36" x 4"	72kg / 159 lb	0.20" / 5mm
FSP3x3-1Klb	1Klb	0.2lb	563YH-23-500lb	36" x 36" x 4"	72kg / 159 lb	0.20" / 5mm
FSP3x3-2Klb	2Klb	0.5lb	563YH-23-1Klb	36" x 36" x 4"	72kg / 159 lb	0.20" / 5mm
FSP3x3-5Klb	5Klb	1lb	563YH-23-2.5Klb	36" x 36" x 4"	72kg / 159 lb	0.20" / 5mm
FSP4x4-300kg	300kg	0.1kg	563YH-23-300kg	48" x 48" x 4"	120kg / 265 lb	0.20" / 5mm
FSP4x4-1t	1t	0.2kg	563YH-23-500kg	48" x 48" x 4"	120kg / 265 lb	0.20" / 5mm
FSP4x4-2.5t	2.5t	0.5kg	563YH-23-1t	48" x 48" x 4"	120kg / 265 lb	0.20" / 5mm
FSP4x4-5t	5t	1kg	563YH-23-2t	48" x 48" x 4"	120kg / 265 lb	0.20" / 5mm
FSP4x4-1Klb	1Klb	0.2lb	563YH-23-500lb	48" x 48" x 4"	120kg / 265 lb	0.20" / 5mm
FSP4x4-2Klb	2Klb	0.5lb	563YH-23-1Klb	48" x 48" x 4"	120kg / 265 lb	0.20" / 5mm
FSP4x4-5Klb	5Klb	1lb	563YH-23-2.5Klb	48" x 48" x 4"	120kg / 265 lb	0.20" / 5mm
FSP4x4-10Klb	10Klb	2lb	563YH-23-4Klb	48" x 48" x 4"	120kg / 265 lb	0.20" / 5mm
FSP5x5-2.5t	2.5t	0.5kg	563YH-23-1t	59" x 59" x 4"	200kg / 441 lb	0.24" / 6mm
FSP5x5-5t	5t	1kg	563YH-23-2t	59" x 59" x 4"	200kg / 441 lb	0.24" / 6mm
FSP5x5-5Klb	5Klb	1lb	563YH-23-2.5Klb	59" x 59" x 4"	200kg / 441 lb	0.24" / 6mm
FSP5x5-10Klb	10Klb	2lb	563YH-23-SE5Klb	59" x 59" x 4"	200kg / 441 lb	0.24" / 6mm
FSP5x5-10Klb-LE	10Klb	2lb	563YH-23-5Klb	59" x 59" x 5"	210kg / 463 lb	0.24" / 6mm
FSP4x6-2.5t	2.5t	0.5kg	563YH-23-1t	48" x 72" x 4"	180kg / 397 lb	0.24" / 6mm
FSP4x6-5t	5t	1kg	563YH-23-2t	48" x 72" x 4"	180kg / 397 lb	0.24" / 6mm
FSP4x6-5Klb	5Klb	1lb	563YH-23-2.5Klb	48" x 72" x 4"	180kg / 397 lb	0.24" / 6mm
FSP4x6-10Klb	10Klb	2lb	563YH-23-SE5Klb	48" x 72" x 4"	180kg / 397 lb	0.24" / 6mm
FSP5x7-2.5t	2.5t	0.5kg	563YH-23-1t	59" x 84" x 4"	260kg / 573 lb	0.24" / 6mm
FSP5x7-5t	5t	1kg	563YH-23-2t	59" x 84" x 4"	260kg / 573 lb	0.24" / 6mm
FSP5x7-5Klb	5Klb	1lb	563YH-23-2.5Klb	59" x 84" x 4"	260kg / 573 lb	0.24" / 6mm
FSP5x7-10Klb	10Klb	2lb	563YH-23-SE5Klb	59" x 84" x 4"	260kg / 573 lb	0.24" / 6mm
Hot Dip Galvanized Mild Steel						
FSP4x4-5Klb-GI	5Klb	1lb	563YH-23-2.5Klb	48" x 48" x 4"	138kg / 304 lb	0.20" / 5mm

OPTIONAL ACCESSORIES

- Indicators (page 198-201)
- Ramp-17 (page 252)
- Bumper Guards (page 253)
- Scale Base Mounting Plate (page 260)
- Measurement Canada Approval for -3X3-5Klb -4X4-5Klb -5X5-5Klb

- NTEP 1.5 000 Class III Approval for -3X3-1Klb -4X4-1Klb -5X5-1Klb -3X3-2Klb -4X4-2Klb -5X5-2Klb -3X3-5Klb -4X4-5Klb -5X5-5Klb -3X3-10Klb -4X4-10Klb -5X5-10Klb

RAMP-17

Floor Scale Ramp

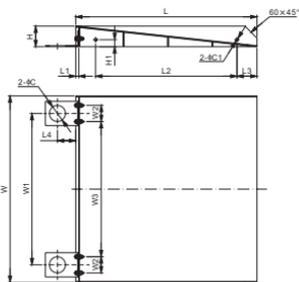


Features:

- Mild steel construction
- Rugged checker plate surface
- Surface coated with high quality industrial paint
- Includes removable L-shape base mounting plates with connecting nuts and bolts

RAMP Includes:

- 1 unit x ramp
- 2 units x L-shape base mounting plates (BG-P80)
- 4 units x M12X35mm nuts and bolts (BOLT-M12X35-BGP80)



DIMENSIONS

PART NUMBER	C	C1	H	H1	L	L1	L2	L3	L4	W	W1	W2	W3	Weight Approx. (kg)
inches														
RAMP3×3-17	3.15	0.55	4.02	1.37	35.67	0.59	27.80	3.93	3.62	36.38	29.53	3.15	26.38	50.9
RAMP3×4-17	3.15	0.55	4.02	1.37	47.76	0.59	39.37	4.13	3.62	36.38	29.53	3.15	26.38	-
RAMP4×3-17	3.15	0.55	4.02	1.37	35.67	0.59	27.80	3.93	3.62	48.39	41.50	3.15	38.35	61
RAMP4×4-17	3.15	0.55	4.02	1.37	47.76	0.59	39.37	4.13	3.62	48.39	41.50	3.15	38.35	81
RAMP5×3-17	3.15	0.55	4.02	1.37	35.67	0.59	27.80	3.93	3.62	59.45	52.56	3.15	49.41	-
RAMP5×4-17	3.15	0.55	4.02	1.37	47.76	0.59	39.37	4.13	3.62	59.45	51.18	3.15	48.03	103
mm (conversion of above dimensions)														
RAMP3×3-17	80	14	102	35	906	15	706	100	92	924	750	80	670	50.9
RAMP3×4-17	80	14	102	35	1213	15	1000	105	92	924	750	80	670	-
RAMP4×3-17	80	14	102	35	906	15	706	100	92	1229	1054	80	974	61
RAMP4×4-17	80	14	102	35	1213	15	1000	105	92	1229	1054	80	974	81
RAMP5×3-17	80	14	102	35	906	15	706	100	92	1510	1235	80	1255	-
RAMP5×4-17	80	14	102	35	1213	15	1000	105	92	1510	1300	80	1220	103

AVAILABLE OPTIONS

- Stainless steel version: RAMPSS-17

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BG

Bumper Guard

BG



BGC



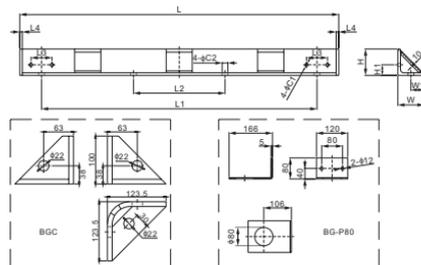
BGC (Bumper Guard Corner) to be ordered separately.

Features:

- Heavy duty mild steel
- Surface coated with high quality yellow paint

Bumper Guard Kit Includes:

- 1 unit x bumper guard bar
- 2 units x L-shape base mounting plates (BG-P80)
- 4 units x M12X35mm nuts and bolts (BOLT-M12X35-BGP80)



DIMENSIONS

PART NUMBER	C1	C2	H	H1	L	L1	L2	L3	L4	W	W1	Weight Approx. (kg)
inches												
BG-36C	0.47	0.87	3.94	1.57	35.98	29.53	9.84	3.15	0.39	3.94	1.97	-
BG-48C	0.47	0.87	3.94	1.57	47.99	41.50	13.78	3.15	0.39	3.94	1.97	21.6
BG-59C	0.47	0.87	3.94	1.57	59.06	51.18	17.32	3.15	0.39	3.94	1.97	-
mm (conversion of above dimensions)												
BG-36C	12.0	22.0	100	40.0	914	750	250.0	80.0	10.0	100	50.0	-
BG-48C	12.0	22.0	100	40.0	1219	1054	350.0	80.0	10.0	100	50.0	21.6
BG-59C	12.0	22.0	100	40.0	1500	1300	440.0	80.0	10.0	100	50.0	-

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FLOOR SCALE PLATFORMS & HARDWARES

FLOOR SCALE PLATFORMS & HARDWARES



Load Cell Certifications:



Features:

- NTEP certified load cells from 500lb-10Kib
- OIML certified load cells from 500kg-5t
- CE, RoHS and ExNepsi certified load cells
- Junction box is equipped with integrated resistor networks
- Cable is coloured in accordance to the ANYLOAD color code

Complete Set:

- 4 pcs x Alloy steel single ended shear beam load cells (563YH or 563YH-Z3)
- 4 pcs x Alloy steel load cell spacers (SPACER)
- 4 pcs x Alloy steel mounting feet (AMF-F)
- 1 pc x Aluminum junction box (J04EA-16 or J04SA-16)
- 1 pc x 20m (65 feet) PVC cable (CB4-5, 1-20m)

PART NUMBER

QS1-SA-16 (563YH, J04SA-16)			
Load Cell Capacity	Part No.	Weight Approx. (kg)	
500lb	QS1-SA-16-500lb	7.9	
1Kib	QS1-SA-16-1Kib	7.9	
2.5Kib	QS1-SA-16-2.5Kib	7.9	
4Kib	QS1-SA-16-4Kib	7.9	
SE5Kib	QS1-SA-16-SE5Kib	7.9	
5Kib	QS1-SA-16-5Kib	11.7	
10Kib	QS1-SA-16-10Kib	11.7	

PART NUMBER

QS1-16 (563YH, J04EA-16)			
Load Cell Capacity	Part No.	Weight Approx. (kg)	
500kg	QS1-16-500kg	8.1	
1t	QS1-16-1t	8.1	
1.5t	QS1-16-1.5t	8.1	
2t	QS1-16-2t	8.1	
3t	QS1-16-3t	11.7	
5t	QS1-16-5t	11.7	
500lb	QS1-16-500lb	7.9	
1Kib	QS1-16-1Kib	7.9	
2.5Kib	QS1-16-2.5Kib	7.9	
4Kib	QS1-16-4Kib	7.9	
SE5Kib	QS1-16-SE5Kib	7.9	
5Kib	QS1-16-5Kib	11.7	
10Kib	QS1-16-10Kib	11.7	

PART NUMBER

QS1-SA-23 (563YH-Z3, J04SA-16)			
Load Cell Capacity	Part No.	Weight Approx. (kg)	
500lb	QS1-SA-23-500lb	7.9	
1Kib	QS1-SA-23-1Kib	7.9	
2.5Kib	QS1-SA-23-2.5Kib	7.9	
4Kib	QS1-SA-23-4Kib	7.9	
SE5Kib	QS1-SA-23-SE5Kib	7.9	
5Kib	QS1-SA-23-5Kib	11.7	
10Kib	QS1-SA-23-10Kib	11.7	

PART NUMBER

QS1-23 (563YH-Z3, J04EA-16)			
Load Cell Capacity	Part No.	Weight Approx. (kg)	
500lb	QS1-23-500lb	7.9	
1Kib	QS1-23-1Kib	7.9	
2.5Kib	QS1-23-2.5Kib	7.9	
4Kib	QS1-23-4Kib	7.9	
SE5Kib	QS1-23-SE5Kib	7.9	
5Kib	QS1-23-5Kib	11.7	
10Kib	QS1-23-10Kib	11.7	



Load Cell Certifications:



Features:

- NTEP certified load cells from 500lb-10Kib
- OIML certified load cells from 500kg-5t & 10K-10Kib (QS3); OIML certified load cells from 1Kib-10Kib (QS5);
- CE, RoHS and ExNepsi certified load cells
- Full Scale Output: 2mV/V ± 0.25% (QS3); 3mV/V ± 0.25% (QS5);
- Junction box is equipped with integrated resistor networks
- Cable is coloured in accordance to the ANYLOAD color code

Complete Set:

- 4 pcs x Stainless steel single ended shear beam load cells (563YS or 563YS30)
- 4 pcs x Stainless steel load cell spacers (SPACERS)
- 4 pcs x Stainless steel mounting feet (AMFSS)
- 1 pc x Aluminum junction box (J04EA-16 or J04SA-16)
- 1 pc x 20m (65 feet) PVC cable (CB4-5, 1-20m)

PART NUMBER

QS3-SA-16 (563YS, J04SA-16)			
Load Cell Capacity	Part No.	Weight Approx. (kg)	
500lb	QS3-SA-16-500lb	7.6	
1Kib	QS3-SA-16-1Kib	7.6	
2.5Kib	QS3-SA-16-2.5Kib	7.6	
4Kib	QS3-SA-16-4Kib	7.6	
SE5Kib	QS3-SA-16-SE5Kib	7.6	
5Kib	QS3-SA-16-5Kib	11.4	
10Kib	QS3-SA-16-10Kib	11.4	

PART NUMBER

QS3-16 (563YS, J04EA-16)			
Load Cell Capacity	Part No.	Weight Approx. (kg)	
250kg	QS3-16-250kg	7.6	
500kg	QS3-16-500kg	7.6	
1t	QS3-16-1t	7.6	
2t	QS3-16-2t	7.6	
3t	QS3-16-3t	11.4	
5t	QS3-16-5t	11.4	
500lb	QS3-16-500lb	7.6	
1Kib	QS3-16-1Kib	7.6	
2.5Kib	QS3-16-2.5Kib	7.6	
4Kib	QS3-16-4Kib	7.6	
SE5Kib	QS3-16-SE5Kib	7.6	
5Kib	QS3-16-5Kib	11.4	
10Kib	QS3-16-10Kib	11.4	

PART NUMBER

QS5-SA-16 (563YS30, J04SA-16)			
Load Cell Capacity	Part No.	Weight Approx. (kg)	Shipping Weight Approx. (kg)
500lb	QS5-SA-16-500lb	7.6	
1Kib	QS5-SA-16-1Kib	7.6	
2.5Kib	QS5-SA-16-2.5Kib	7.6	
4Kib	QS5-SA-16-4Kib	7.6	
SE5Kib	QS5-SA-16-SE5Kib	7.6	
5Kib	QS5-SA-16-5Kib	11.4	
10Kib	QS5-SA-16-10Kib	11.4	

PART NUMBER

QS5-16 (563YS30, J04EA-16)			
Load Cell Capacity	Part No.	Weight Approx. (kg)	Shipping Weight Approx. (kg)
500lb	QS5-16-500lb	7.6	
1Kib	QS5-16-1Kib	7.6	
2.5Kib	QS5-16-2.5Kib	7.6	
4Kib	QS5-16-4Kib	7.6	
SE5Kib	QS5-16-SE5Kib	7.6	
5Kib	QS5-16-5Kib	11.4	
10Kib	QS5-16-10Kib	11.4	

QS3-S4; QS5-S4

Quadro Set 3; Quadro Set 5

ANYLOAD



Load Cell Certifications:



Features:

- NTEP certified load cells from 500lb-10Klb
- OIML certified load cells from 500kg-5t & 1K-10Klb (QS3-S4); OIML certified load cells from 1Klb-10Klb (QS5-S4);
- CE, RoHS and ExNepsi certified load cells
- Full Scale Output: 2mV/V ± 0.25% (QS3-S4); 3mV/V ± 0.25% (QS5-S4);
- Junction box is equipped with integrated resistor networks
- Cable is coloured in accordance to the ANYLOAD color code

Complete Set:

- 4 pcs x Stainless steel single ended shear beam load cells (563YS or 563YS30)
- 4 pcs x Stainless steel load cell spacers (SPACERS5)
- 4 pcs x Stainless steel mounting feet (AMFS4)
- 1 pc x Stainless steel junction box (J04ES-FS or J04SS-FS)
- 1 pc x 20m (65 feet) PVC cable (CB4-5.1-20m)

PART NUMBER*

QS3-S4 (563YS, J04SS-FS)

Load Cell Capacity	Part No.	Weight Approx. (kg)
500lb	QS3-S4-SF-500lb	7.6
1Klb	QS3-S4-SF-1Klb	7.6
2.5Klb	QS3-S4-SF-2.5Klb	7.6
4Klb	QS3-S4-SF-4Klb	7.6
SE5Klb	QS3-S4-SF-SE5Klb	7.6
5Klb	QS3-S4-SF-5Klb	11.4
10Klb	QS3-S4-SF-10Klb	11.4

QS3-S4 (563YS, J04ES-FS)

Load Cell Capacity	Part No.	Weight Approx. (kg)
250kg	QS3-S4-EF-250kg	7.6
500kg	QS3-S4-EF-500kg	7.6
1t	QS3-S4-EF-1t	7.6
2t	QS3-S4-EF-2t	7.6
3t	QS3-S4-EF-3t	11.4
5t	QS3-S4-EF-5t	11.4
500lb	QS3-S4-EF-500lb	7.6
1Klb	QS3-S4-EF-1Klb	7.6
2.5Klb	QS3-S4-EF-2.5Klb	7.6
4Klb	QS3-S4-EF-4Klb	7.6
SE5Klb	QS3-S4-EF-SE5Klb	7.6
5Klb	QS3-S4-EF-5Klb	11.4
10Klb	QS3-S4-EF-10Klb	11.4

* If to use J04ES, the part number: QS3-S4-ES-capacity or QS5-S4-ES-capacity; If to use J04SS, the part number: QS3-S4-SS-capacity or QS5-S4-SS-capacity

PART NUMBER*

QS5-S4 (563YS30, J04SS-FS)

Load Cell Capacity	Part No.	Shipping Weight Approx. (kg)
500lb	QS5-GS-S4-SF-500lb	7.6
1Klb	QS5-S4-SF-1Klb	7.6
2.5Klb	QS5-S4-SF-2.5Klb	7.6
4Klb	QS5-S4-SF-4Klb	7.6
SE5Klb	QS5-S4-SF-SE5Klb	7.6
5Klb	QS5-S4-SF-5Klb	11.4
10Klb	QS5-S4-SF-10Klb	11.4

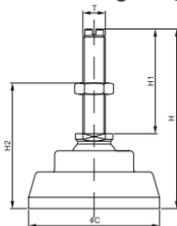
QS5-S4 (563YS30, J04ES-FS)

Load Cell Capacity	Part No.	Shipping Weight Approx. (kg)
500lb	QS5-GS-S4-EF-500lb	7.6
1Klb	QS5-S4-EF-1Klb	7.6
2.5Klb	QS5-S4-EF-2.5Klb	7.6
4Klb	QS5-S4-EF-4Klb	7.6
SE5Klb	QS5-S4-EF-SE5Klb	7.6
5Klb	QS5-S4-EF-5Klb	11.4
10Klb	QS5-S4-EF-10Klb	11.4

ANYLOAD

AMF-F

Active Mounting Foot, Alloy Steel



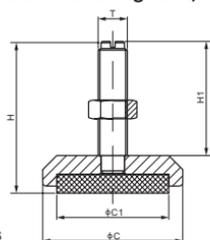
PART NUMBER	RATED CAPACITY	DIMENSIONS					Self Weight Approx. (kg)
		C	H	H1	H2	T	
AMF-F-1/2	lb/inches						
AMF-F-3/4	100-4,000; SE5,000	2.76	3.85	2.17	2.01-3.68	1/2-20 UNF-2A	0.5
AMF-F-1	5,000-10,000	3.15	4.07	2.19	2.24-3.90	3/4-16 UNF-2A	0.8
AMF-F-1	15,000; 20,000	4.17	5.51	2.95	3.21-5.45	1-14 UNF-2A	1.8
AMF-F-M12	kg/mm						
AMF-F-M18	100-2,000	70	97.8	55.0	51-93.5	M12x1.75	0.5
AMF-F-M24	2,500-5,000	80	103.5	55.5	57-99	M18x1.50	0.8
	10,000	106	140.0	75.0	81.5-138.5	M24x2.00	1.8

AVAILABLE OPTIONS

- 2Cr13 Stainless Steel: AMFSS-F-xx
- 17-4PH and 304 Stainless Steel: AMFS4-F-xx

FMF

Fixed Mounting Foot, Alloy Steel



PART NUMBER	RATED CAPACITY	DIMENSIONS					Self Weight Approx. (kg)
		C	C1	H	H1	T	
FMF00-1/2	lb/mm						
FMF70-3/4	500-SE5,000	60	48	64.5	48.5	1/2-20 UNF	0.3
FMF70-1	5,000-10,000	70	58	76.0	58.0	3/4-16 UNF	-
FMF60-M12	kg/mm						
FMF70-M18	100-2,000	60	48	64.5	48.5	M12x1.75	0.3
	2,500-5,000	70	58	76.0	58.0	M18x1.90	-

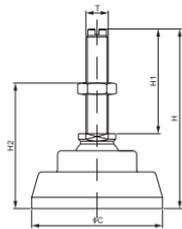
AVAILABLE OPTIONS

- 2Cr13 Stainless Steel: FMFSSxx-xx
- 17-4PH and 304 Stainless Steel: FMFS4xx-xx

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Active Mounting Foot, 17-4PH and 304 Stainless Steel



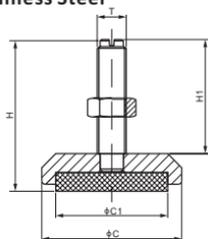
PART NUMBER	RATED CAPACITY	DIMENSIONS						Self Weight Approx.(kg)
		C	H	H1	H2	T		
	lb/inches							
AMFS4-F-1/2	100-4,000; SE5,000	2.76	3.85	2.19	2.01-3.68	1/2-20 UNF-2A	0.5	
AMFS4-F-3/4	5,000-10,000	3.15	4.07	2.19	2.24-3.90	3/4-16 UNF-2A	0.8	
AMFS4-F-1	15,000; 20,000	3.94	5.65	2.95	3.21-5.45	1-14 UNS-2A	1.8	
	kg/mm							
AMFS4-F-M12	100-2,000	70	97.8	55.5	51-93.5	M12X1.75	0.5	
AMFS4-F-M18	2,500; 5,000	80	103.5	55.5	57-99	M18X1.50	0.8	
AMFS4-F-M24	10,000	100	143.5	75.0	81.5-138.5	M24X2.00	1.8	

AVAILABLE OPTIONS

- Alloy Steel: AMF-F-xx
- 2Cr13 Stainless Steel: AMFSS-F-xx

FMFS4

Fixed Mounting Foot, 17-4PH and 304 Stainless Steel

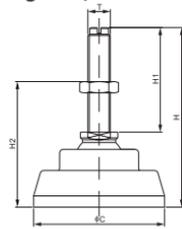


PART NUMBER	RATED CAPACITY	DIMENSIONS						Self Weight Approx.(kg)
		C	C1	H	H1	T		
	lb/mm							
FMFS460-1/2	500-SE5,000	60	48	64.5	48.5	1/2-20 UNF	0.3	
FMFS470-3/4	5,000-10,000	70	58	76.0	58.0	3/4-16 UNF	-	
	kg/mm							
FMFS460-M12	100-2,000	60	48	64.5	48.5	M12X1.75	0.3	
FMFS470-M18	2,500-5,000	70	58	76.0	58.0	M18X1.50	-	

AVAILABLE OPTIONS

- Alloy Steel: FMFxx-xx
- 2Cr13 Stainless Steel: FMFSSxx-xx

Active Mounting Foot, 2Cr13 Stainless Steel



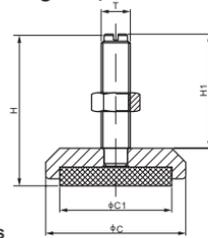
PART NUMBER	RATED CAPACITY	DIMENSIONS						Self Weight Approx.(kg)
		C	H	H1	H2	T		
	lb/inches							
AMFSS-F-1/2	100-4,000; SE5,000	2.76	3.85	2.19	2.01-3.68	1/2-20 UNF-2A	0.5	
AMFSS-F-3/4	5,000-10,000	3.15	4.07	2.19	2.24-3.90	3/4-16 UNF-2A	0.8	
AMFSS-F-1	15,000; 20,000	3.94	5.65	2.95	3.21-5.45	1-14 UNS-2A	1.8	
	kg/mm							
AMFSS-F-M12	100-2,000	70	97.8	55.5	51-93.5	M12X1.75	0.5	
AMFSS-F-M18	2,500; 5,000	80	103.5	55.5	57-99	M18X1.50	0.8	
AMFSS-F-M24	10,000	100	143.5	75.0	81.5-138.5	M24X2.00	1.8	

AVAILABLE OPTIONS

- Alloy Steel: AMF-F-xx
- 17-4PH and 304 Stainless Steel: AMFS4-F-xx

FMFSS

Fixed Mounting Foot, 2Cr13 Stainless Steel

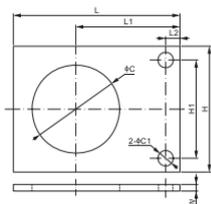


PART NUMBER	RATED CAPACITY	DIMENSIONS						Self Weight Approx.(kg)
		C	C1	H	H1	T		
	lb/mm							
FMFSS60-1/2	500-SE5,000	60	48	64.5	48.5	1/2-20 UNF	0.3	
FMFSS70-3/4	5,000-10,000	70	58	76.0	58.0	3/4-16 UNF	-	
	kg/mm							
FMFSS60-M12	100-2,000	60	48	64.5	48.5	M12X1.75	0.3	
FMFSS70-M18	2,500-5,000	70	58	76.0	58.0	M18X1.50	-	

AVAILABLE OPTIONS

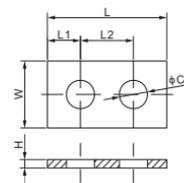
- Alloy Steel: FMFxx-xx
- 17-4PH and 304 Stainless Steel: FMFS4xx-xx

Scale Base Mounting Plate, Mild Steel



DIMENSIONS

PART NUMBER	C	C1	H	H1	L	L1	L2	W	Suggested Mounting Foot	Self Weight Approx.(kg)
mm										
SBMP-80	80	14	114	89	152	95	13	6	AMF-F-1/2 or AMF-F-M12	0.58
SBMP-90	90	14	114	89	152	95	13	6	AMF-F-3/4 or AMF-F-M18	0.51
inches (conversion of above dimensions)										
SBMP-80	3.15	0.55	4.49	3.50	5.98	3.74	0.51	0.24	AMF-F-1/2 or AMF-F-M12	0.58
SBMP-90	3.54	0.55	4.49	3.50	5.98	3.74	0.51	0.24	AMF-F-3/4 or AMF-F-M18	0.51



Alloy steel, SPACER

DIMENSIONS

PART NUMBER	LOAD CELL CAPACITY*	C	H	L	L1	L2	W	Self Weight Approx.(kg)
kg/mm								
SPACER-1/2	100-2,000	13.5	4	57.20	15.8	25.4	31.8	0.05
SPACER-3/4	2,500-5,000	19.8	4	76.20	19.1	38.1	38.1	0.07
SPACER-1	10,000	26.2	5	101.6	25.4	50.8	50.8	0.15
lb/inch								
SPACER-1/2	100-565,000	0.53	0.16	2.25	0.62	1.00	1.25	0.11
SPACER-3/4	5,000-10,000	0.78	0.16	3.00	0.75	1.50	1.50	0.15
SPACER-1	15,000-20,000	1.03	0.20	4.00	1.00	2.00	2.00	0.33

* Refer to 563 series

304 Stainless steel, SPACERS

DIMENSIONS

PART NUMBER	LOAD CELL CAPACITY*	C	H	L	L1	L2	W	Self Weight Approx.(kg)
kg/mm								
SPACERS-1/2	100-2,000	13.5	4	57.20	15.8	25.4	31.8	0.05
SPACERS-3/4	2,500-5,000	19.8	4	76.20	19.1	38.1	38.1	0.07
SPACERS-1	10,000	26.2	5	101.6	25.4	50.8	50.8	0.15
lb/inch								
SPACERS-1/2	100-565,000	0.53	0.16	2.25	0.62	1.00	1.25	0.11
SPACERS-3/4	5,000-10,000	0.78	0.16	3.00	0.75	1.50	1.50	0.15
SPACERS-1	15,000-20,000	1.03	0.20	4.00	1.00	2.00	2.00	0.33

* Refer to 563 series.

LOAD BARS ANYLOAD



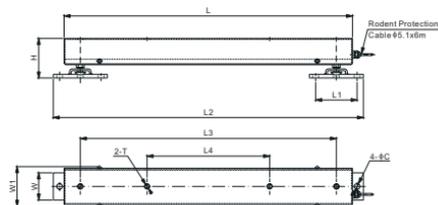
Complete Set Includes:

One set of loadbar consists of:

- 2 pieces of loadbars
- A separate junction box J02EP-1-17 equipped with two male connectors for connecting the two loadbars

Each loadbar consists of the followings:

- 2 units S63YH-2.5Kib load cells
- One junction box J02EP-17 built inside the loadbar
- 6m rodent protection cable with a female connector for connecting to the separate junction box J02EP-1-17
- Two units special made active mounting feet



DIMENSIONS

MODEL NAME	RATED CAPACITY (a set of two load bars)	H	L	L1	L2	L3	L4	W	W1	C	T
LB100	lb/inches										
	500-4,000 (1K-10K)	4.17-4.57	31.50	4.53	33.86	27.95	13.39	2.95	4.33	0.63	1/2-20 Depth0.87
	kg/mm										
	100-2,000 (200-4,000)	106.0-116.0	800.0	115.0	860.0	710.0	340.0	75.0	110	16.0	1/2-20 Depth22

PART NUMBER

Load Cell Capacity	Part No.	Weight Approx. (kg)
2.5Kib.....	LB100-5Kib.....	35.7

Alloy Steel, Load Bar (LB100) with Handheld Indicator (805HP)

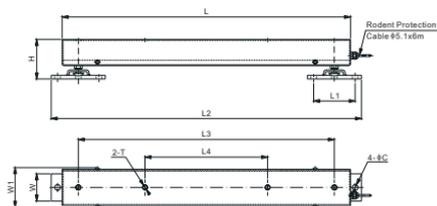
**Complete Set Includes:****One set of load bar consists of:**

- 2 pieces of load bars
- 1 unit of 805HP-03 (with two female connectors for connecting to the cables from the two bars)

Each bar includes:

- 2 units load cells (563YH-2.5Klb for LB100-5Klb)
- 1 junction box (J02EP-17 built-in inside of the bar)
- 1 roll of cable (rodent protection, 6m long, with a male connector for connecting to the hand-held indicator)
- 2 units active mounting feet (special made)

Factory pre-calibrated, ready to use out of box



DIMENSIONS

MODEL NAME(one set)	RATED CAPACITY	H	L	L1	L2	L3	L4	W	W1	C	T
lb/inches 1,000-10,000	500lb-4,000lb	4.17-4.57	31.50	4.53	33.86	27.95	13.39	2.95	4.33	0.63	1/2-20 Depth0.87
kg/mm 100-2,000	200kg-4,000kg	106.0-116.0	800.0	115.0	860.0	710.0	340.0	75.0	110	16.0	1/2-20 Depth22

PART NUMBER

One Set Capacity	Load Cell Capacity	Part No.	Shipping Weight Approx. (kg)
5Klb	2.5Klb	LB100-5Klb-01-FP1	35.7

Note: for detailed information about 805HP-03, check the data sheet of 805HP

TEST WEIGHTS

ANYLOAD

Test Weight, Stainless Steel



Whole Set

Class F1

Capacity Range	Part Number
0.05g - 1g	TWSF1-(0.05g-1g)
1g - 1kg	TWSF1-(1g-1kg)

Class M1

Capacity Range	Part Number
1g - 1kg	TWSM1-(1g-1kg)

(0.05g-1g) Whole set contents:

Capacity	Quantity
0.05g	1
0.1g	1
0.2g	2
0.5g	1
1g	1

(1g-1kg) Whole set contents:

Capacity	Quantity
1g	1
2g	2
5g	1
10g	1
20g	2
50g	1
100g	1
200g	2
500g	1
1kg	1

Individual Packing

Class F1

Capacity	Part Number
1g	TWSF1-1g
2g	TWSF1-2g
5g	TWSF1-5g
10g	TWSF1-10g
20g	TWSF1-20g
50g	TWSF1-50g
100g	TWSF1-100g
200g	TWSF1-200g
500g	TWSF1-500g
1kg	TWSF1-1kg
2kg	TWSF1-2kg
5kg	TWSF1-5kg
10kg	TWSF1-10kg
20kg	TWSF1-20kg

TWC

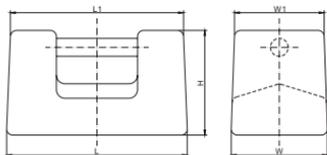
Test Weight, Cast Iron



Individual Weights

Class M1

Capacity	Part Number
5kg	TWCM1-02-5kg
10kg	TWCM1-02-10kg
20kg	TWCM1-02-20kg
25kg	TWCM1-02-25kg
50kg	TWCM1-02-50kg
25lb	TWCM1-25lb
50lb	TWCM1-50lb



RATED CAPACITY	DIMENSIONS				
	L	L1	W	W1	H
kg/mm					
5	150	143	80	74	88
10	190	188	95	93	110
20	231	225	117	112	143
25	239	225	122	114	167
50	310	305	157	155	195
lb/inches					
25	6.5	5.8	4.4	4.0	4.6
50	8.5	7.9	5.4	4.9	5.8

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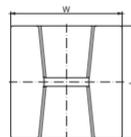
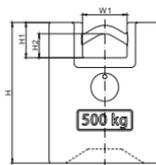
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Test Weight, Cast Iron

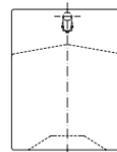


Features:

- 1-piece casting (the grip handle & body in one piece), safe and solid
- Embedded adjusting cavity for sealing, reliable and convenient
- Nominal value marked on the surface
- Flat top for easy and secure stacking, sloped-slot space to prevent rainwater and dust accumulation
- Wide slot space to fit most fork lifts
- Smooth surface, durable coat of paint to protect from weather
- Embossed marking, easy to clean and maintain



Top view



Side view

DIMENSIONS

RATED CAPACITY	H	H1	H2	L	W	W1
kg/mm						
500	500	125	85	400	400	160
lb/inches (conversion of above dimensions)	110x2	4.9	3.3	15.7	15.7	6.3

PART NUMBER

Rated Capacity	Class	Part No.
500kg.....	OIML M1.....	TWCM1-500kg-MC

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APPENDICES

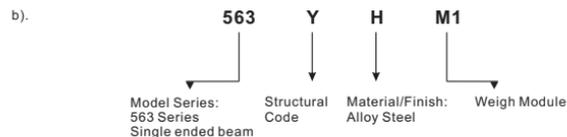
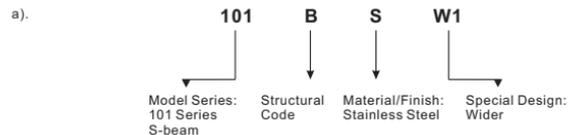
ANYLOAD

Load cells & Modules naming system

ANYLOAD

101..... S-Beam	L1..... Longer
102..... Double Ended Beam	L2..... Longer
106..... Canister	W1..... Wider
107..... Force Measurement	W2..... Wider
108..... Single Point	B1..... Longer & Wider
110..... Tension Link	B2..... Longer & Wider
202..... Planar	T1..... Special Design
247..... Load Button	T2..... Special Design
266..... Bottom Blind Hole Spoke	GS..... Glue Seal
276..... Upper Blind Hole Spoke	WS..... Welded-seal
363..... Tension&Compression Spoke	UN..... Imperial Thread with Metric Load
535..... Load Pin	A..... Aluminium
563..... Single Ended Beam	H..... Alloy Steel
651..... Single Point-Triple Beam	S..... Stainless Steel
M1..... Weigh Module	P..... Plastic
M2..... Weigh Module	20..... Sensitivity=2.0mV/V
SE..... Small Envelop	25..... Sensitivity=2.5mV/V
LE..... Large Envelop	30..... Sensitivity=3.0mV/V

FOR EXAMPLES



ANYLOAD Suggested Rod End or Eye Bolt for 101 Series

Load Cell Model	Capacity	Thread Hole	Suggested Rod End or Eye Bolt
101AH	1kg...30kg	M6x1	RE-M6
101BH	50kg...500kg	M12x1.75	RE-M12 or REH-M12 or EYE-M12
101BH	1t...1.5t	M12x1.75	RE-M12 or REH-M12
101BH	SE2t	M12x1.75	NONE
101BH	2t	M18x1.5	RE-M18 or EYH-M18
101BH	3t	M18x1.5	EYH-M18
101BH	5t	M18x1.5	NONE
101BH	10t	M30x2	EYH-M30
101BS	500lb...1Klb	1/2-20 UNF	RE-1/2 or REH-1/2 or EYE-1/2
101BS	1.5Klb...2Klb	1/2-20 UNF	RE-1/2 or REH-1/2
101BS	2.5Klb...3Klb	1/2-20 UNF	REH-1/2
101BS	5Klb	3/4-16 UNF	RE-3/4 or EYE-3/4 or EYH-DA-3/4
101BS	10Klb	3/4-16 UNF	EYH-DA-3/4
101BS	15Klb	1-14 UNS	EYH-1
101BS	20Klb	1-1/4-12 UNF	EYH-DA-1-1/4
101BS	300kg-500kg	M12X1.75	RE-M12 or REH-M12 or EYE-M12
101BS	1t	M12X1.75	RE-M12 or REH-M12
101BS	2t	M16X2	EYH-M16
101BS	3t	M16X2	NONE
101BS	5t	M24X2	EYH-M24
101BS	10t	M30X2	EYH-M30
101NH	50lb...250lb	1/4-28 UNF	RE-1/4 or EYE-1/4, EYE-B-1/4
101NH	500lb...1Klb	1/2-20 UNF	RE-1/2 or REH-1/2 or EYE-1/2
101NH	1.5Klb...2Klb	1/2-20 UNF	RE-1/2 or REH-1/2
101NH	2.5Klb...3Klb	1/2-20 UNF	REH-1/2
101NH	5Klb	3/4-16 UNF	RE-3/4 or EYE-3/4 or EYH-DA-3/4
101NH	10Klb	3/4-16 UNF	EYH-DA-3/4
101NH	15Klb	1-14 UNS	EYH-1
101NH	20Klb	1-1/4-12 UNF	EYH-DA-1-1/4
101NSGS	50lb...250lb	1/4-28 UNF	RE-1/4 or EYE-1/4, EYE-B-1/4
101NSGS	500lb...1Klb	1/2-20 UNF	RE-1/2 or REH-1/2 or EYE-1/2
101NSGS	1.5Klb...2Klb	1/2-20 UNF	RE-1/2 or REH-1/2
101NSGS	2.5Klb...3Klb	1/2-20 UNF	REH-1/2
101NSGS	5Klb	3/4-16 UNF	RE-3/4 or EYE-3/4 or EYH-DA-3/4
101NSGS	10Klb	3/4-16 UNF	EYH-DA-3/4
101NSGS	15Klb	1-14 UNS	EYH-1
101NSGS	20Klb	1-1/4-12 UNF	EYH-DA-1-1/4
101RS	100N...750N	M6X1	RE-M6

PRODUCTS GROSS WEIGHT

Single Ended Beams	UNIT: kg
563FSAS	2.5Klb 1.10
563RS	5, 10, 20, 30, 50, 100, 200, 350, 500kg 0.60
563SH	25, 50lb 0.26
	100, 150, 200, 250, 500lb 0.47
	50, 100lb 0.93
563SHBB	200, 250, 500lb; 1Klb 1.00
	2.5Klb 3.53
563WS	1.25Klb 2.2
	2.5Klb 3.0
	5Klb 6.0
	10Klb 7.0
	25Klb 15.5
563WS30	37.5Klb 18.5
	50Klb 21.0
	60, 75Klb 26.0
	1.25Klb 2.25
563WS-WBL	200, 300lb 0.60
563YA	200, 300lb 0.60
563YH	100lb, 4K, SE5Klb / 100kg...2t 1.00
	LE2.5Klb 1.70
	5K, 10Klb / 2.5t...5t 1.80
	15K, 20Klb / 10t 4.00
	20t 5.60
563YH-23	250, 500, 750lb; 1, 1.5, 2, 2.5, 4, SE5Klb 1.00
	5K, 10Klb 1.80
	15K, 20Klb 4.00
563YHFK	125kg, 250kg 0.70
	500kg, 1t 2.00
	2.5t 2.80
	5t 3.00
	10t 4.90
563YHMS	1K, 3K, 5Klb 2.50
	10Klb 3.80
	20Klb, 30Klb 7.50
563YHRT	1K, 2.5K, 4Klb 1.00
	5K, 10Klb 1.70
563YS	500lb...4Klb, SE5Klb / 250kg...2t 1.00
	5K, 10Klb / 3t, 5t 1.80
	15K, 20Klb / 10t 4.10
563YS30	500lb...4Klb, SE5Klb 1.00
	5K, 10Klb 1.80
	15K, 20Klb 4.10
563YSBK;	200kg; 250kg, 500kg 0.40
563YSBKUN	1t 0.60
	2t 0.80
563YSLB	500lb; 1K, 2.5Klb 0.70
563YSLF	2.5Klb 1.70
	5Klb 2.50
563YSMT	250, 500lb; 1.25K; 2.5K, 4Klb 1.00
	5Klb 1.30
	10Klb 2.00
563YSMT-4	5kN, 10kN, 20kN 1.20
563YSRS	1K, 2K, 5Klb 2.00
563YSSB	2.5Klb 2.30
	5Klb 2.40
	10Klb 4.00
	20Klb 4.80
Double Ended Beams	
102AH	5t, 10t, 15t 16.4
	20t, 25t, 30t 16.7
	50t 30.7
102BH	10K 2.90
	20K, 25Klb / 5t, 10t, 15t 3.00
	40Klb / 20t 7.00
	50K, 60K, 75Klb / 25t, 30t, 35t 9.00
	SE100K 10.0
	100K, 125Klb / 50t 20.5

102BH	200Klb 47.0
	300Klb 75.0
	400Klb 80.5
102BS	10K, 20K, 25Klb 2.90
	50K, 60K, 75Klb 8.00
102DH	5K 2.40
	10K, 15K, 20Klb 2.70
	30K, 40K, 50K, 60K, 75Klb 9.00
	100Klb 12.1
	150Klb 18.3
	200K, 250Klb 38.0
102DS	5K 2.40
	10K, 15K, 20Klb 2.70
	30K, 40K, 50K, 60K, 75Klb 9.00
	100Klb 12.1
	150Klb 18.3
	200Klb 38.0
102EH	1K, 1.5K, 2.5K, 5Klb 1.70
	10K, 15K, 20K, 25Klb 2.90
	35Klb 3.90
	50K, 60K, 75Klb 11.3
	100K, 125Klb 23.0
	200Klb 48.0
	300Klb 50.0
102EHEL	40K, 50Klb 5.40
102ES	2.5K, 5Klb 1.70
	10K, 15K, 25Klb 2.90
	35Klb 3.80
	50K, 60K, 75Klb 10.5
102FS	50Klb 5.40
	75Klb 5.80
102MH	25t 19.4
102MHML	25Klb 18.8
102RH	10t, 15t 4.00
	50K, 65K, 75K, 100Klb 8.60
	125Klb 9.20
102RHGT	60K 6.40
102TH	25Klb 4.90
	40Klb 5.20
	SE50K, SE60Klb 6.00
	SE75Klb 6.10
	50K, 60Klb 8.30
	75Klb 8.50
	100K, 125Klb 21.1
S-Beams	
101AH	1, 2, 3, 5, 10, 20, 30kg 0.90
101BA	10, 20, 50, 100, 200kg 0.90
101BH	50, 100, 200kg 0.60
	300, 500kg, 1t, SE2t 0.80
	2t, 3t, 5t 1.0t 7.40
101BS	500lb...3Klb / 300kg...1t 0.80
	5Klb / 2t, 3t 1.50
	10Klb / 5t 1.70
	15Klb 2.90
	20Klb / 10t 7.00
101NH	50, 100, 200, 250, 300lb 0.60
	500lb 0.70
	750, 1K, 1.5K, 2K, 2.5K, 3Klb 0.90
	5K, 10Klb 1.50
	15Klb 3.00
	20Klb 6.80
101NH-LB	5K, 10Klb 1.50
101NSGS	50, 100, 250lb 1.10
	500lb 1.50
	1K, 2K, 2.5K, 3Klb 1.80
	5K, 10Klb 2.90

PRODUCTS GROSS WEIGHT

S-Beams		6.60
101NSGS	15Klb	6.60
	20Klb	15.0
Canisters & Disks (cup not included)		
106BH	100t	9.60
	200t	29.7
	300t	37.8
	500t	77.0
	800t/1000t	116.6
	100K, 25K, 50Klb / 10t, 15t, 25t	2.90
106CS; 106CS20	100Klb / 40t, 50t	6.00
	200Klb / 100t	12.5
106ES	50Klb	3.60
	100Klb	4.10
106HS	20t, 30t, 40t	3.80
106HSCP	35t	6.90
106HS	50Klb	6.30
	100Klb	13.4
106MS-FYZ	500kg; 1t; 2t; 1K; 2.5; 5Klb	1.00
	5t / 10Klb	1.50
	10t / 20Klb	2.60
	50Klb	3.83
106PS; 106PS20	7, 10Klb	1.10
106RS	7.5t; 15t; 22.5t	1.50
	30t	4.20
	40t	3.90
	50t	5.20
	100t	6.20
	LE50Klb; 250K	3.50
106RS-FB	50Klb	4.20
106TS	100Klb	4.40
	30t	5.80
	SE30t	3.70
	SE50t	3.50
266AA	25; 50kg	0.30
266AH	100; 200; 300; 500kg; 1t; 2t	0.50
	3t; 5t; 10t	2.40
	20t	4.20
	30t	8.30
266AS	100; 200; 250; 500kg; 1t; 2t	0.50
	5t	2.40
	10t	2.70
	20t	4.20
	30t	8.30
	SE10t	1.70
266ASPT	10t	1.90
	5t	0.60
276EH (cup included)	10t	0.90
	25t	1.80
	50t	4.20
	100t	8.70
363HHAN	60t	9.60
	11t; 2t; 3t; 5t	2.80
363YH	10t; 20t	5.50
	30t	12.4
	50t	18.8
	100t	40.6
	150t; 200t	51.0
	300t	97.2
363YS	11t; 2t; 3t; 5t	2.80
	10t; 20t	5.50
	30t	12.4
	50t	16.8
	100t	40.6
	150t; 200t	51.0
	300t	97.2

Single Points		UNIT: kg
108AA	0; 1; 0.2; 0.3; 0.5; 1; 2; 3; 5kg	0.10
	108AA3JUN	3; 5; 10; 15; 20; 30; 50; 90kg	0.50
108BA	3; 6; 7; 10; 15; 20; 30; 35; 40kg	0.20
	50; 60; 75kg	0.28
	100; 150kg	0.35
108BATD	3; 5; 7; 10; 15; 20; 30; 50; 100kg	0.30
108CA	10; 20; 30; 60; 100; 150; 200; 250; 300kg	1.50
	500; 600; 750kg; 1t	1.60
108DA	500; 800kg; 1t; 1.5t; 2t	3.60
108EA	30; 60; 100; 150; 200; 300kg	0.53
108HAUN	50; 100; 250; 635kg; 1t	1.30
108JA	20kg	0.40
	50; 60; 75; 100kg	0.50
	LE60; LE75; LE100; SE150; SE200; SE300; SE400kg	0.70
	150; 200; 300; 400; SE600kg	1.10
	500; 750kg; 1t; 1.5t	2.50
	2t	2.60
108JA-2T	30; 50; 75; 100; 150kg	0.60
108KS	4; 7; 10; 15; 20; 30; 50; 75; 100; 150kg	0.65
108KSUN	30; 50; 60; 100; 150; 200; 250; 300kg	0.60
108LAMT	30; 50; 100kg	1.40
108LSMT	200; 300kg	1.50
108MA; 108MAUN	50; 75; 100; 150; 200; 250; 300; 500; 635; 660; 1000kg	1.90
108PA	0.2; 0.3; 0.6; 1; 2; 3; 6kg	0.10
108QSFL	250lb	2.60
108QS	6; 10; 15; 25; 50; 100lb	1.00
	200lb	1.20
	500lb	3.00
	1Klb	3.10
108SA	6; 10; 15; 20; 30kg	0.10
108TA	3; 5; 7; 10; 15; 20; 30; 50; 75; 100; 150; 200kg	0.40
108TAUN	30; 60; 150kg	0.50
108TAAL	30; 60; 100; 150kg	1.20
108TAYM; 108TAYM-01	75; 150; 300kg	1.00
108TS;	5; 10; 15; 20kg	0.90
108TSUN	30; 50; 75; 100; 150kg	1.00
108TSL	7; 10; 15; 30; 60; 100; 150kg	0.70
108TSS	10; 15; 25; 50; 100lb	0.80
108TSVS	50; 100; 200; 400; 800lb	1.80
	1Klb	2.60
108UA;	30; 50; 100; 150; 200; 300; 500; 635;	2.70
108UAUN	700kg; 1t; 1.5t	2.70
108WH	300; 400; 500; 750kg; 1t	2.20
108WSP	150kg	2.30
651AA;	5; 10; 15; 30; 50; 90; 100kg	0.50
651AAUN	6; 12; 20; 30kg	0.90
651HS	50; 60kg	1.10
651JS	50; 75kg	2.10
	200; 400kg	2.20
651KS22	50; 100; 250; 500kg	2.30
651KSQS	100; 250; 500kg	2.50
651KSUN	50; 75; 100; 150; 200; 250; 300; 500kg	4.70
651KS66	LE10; LE20; LE50; LE100; LE200kg	1.32
651KSBC;	100kg	6.20
651KSBCUN	250kg	6.30
	500kg	6.50
651KSCS	60; 100; 150; 200; 250; 300; 500; 600; 750kg; 1t	4.00
651TA;	10; 15; 20; 30; 50; 75; 100; 200kg	0.50
651TAUN		

PRODUCTS GROSS WEIGHT

Planars		UNIT: kg
202UA	3.75; 7.5; 15; 37.5; 75kg	0.10
	150kg	0.20
	375kg	0.40
202WA	12.5; 18.75; 25; 37.5lb	0.10
	50; 100; 200lb; 100; 200; 300kg	0.20
202WH	250kg	0.20
Load Pins		
535TS	2t; 5t	0.80
	10t	2.10
	20t	4.60
	40t	11.2
	70t	20.0
	100t	30.0
Tension Links		
110BH	1t	0.20
	2t	0.40
	5t	0.80
	10t	2.40
	20t	5.40
	30t	6.30
	50t	22.0
	75t	35.4
	100t	54.8
	120t	61.0
110ES-WL-HP	1t; 2.5t	1.70
	5t	2.10
	10t	3.50
	20t	6.60
	30t	10.5
	50t	21.0
	100t	53.0
	0.5t; 1t; 2t	0.80
	5t	1.20
	10t	2.10
110RH (Cable included)	10t	2.40
	20t	4.40
	30t	6.40
	50t	13.9
	100t	32.7
	0.5t; 1t; 2t	1.10
	3t	1.30
	5t	2.00
	10t	2.50
	20t	4.00
110RH-ST (Cable included)	0.5t; 1t; 2t	0.60
	3t	1.00
	5t	1.40
	10t	2.30
	20t	4.70
	30t	5.50
	50t	16.0
	100t	35.0
	534-1.5t	0.20
	634-2.5t; 634-2.5Klb	0.30
Force Measurement		
101AALS	2.2; 5; 10; 25; 50; 100lb	0.10
101ASLS	200; 300; 500lb	0.30
101RS	100; 250; 500; 750N	0.20
101RSL	250g; 1; 2; 5; 10; 25; 50; 100lb	0.10
107CH	10K; 20K	2.20
	50K	3.50
	100K	5.20
	200K	8.50

Force Measurement		UNIT: kg
112BA	20; 50in-o-z; 12; 50; 100in-lb;	0.07
	0.14; 0.35; 1.5; 5.6; 11.3Nm	
247AA	1; 2; 5; 10; 20kg	0.07
247AS	30; 50; 100; 150kg	0.07
	200; 500kg; 1t	0.11
	0.21	
247ASLL	5; 10Klb	0.40
247ASLH; 247ASLHUN	10; 25; 50; 100kg	0.09
	250; 500kg	0.11
	1t; 2t	0.19
	5; 10t	0.42
247BS	30; 50; 100kg	0.13
247BSWM	10lb	0.10
	25; 50; 100; 250; 500; 1000lb	0.12
	2; 3; 5Klb	0.20
	7.5; 10Klb	0.40
	50; 100; 500N; 5kN	0.03
296AS	20K	0.11
	50K	0.25
	100; 200K	0.90

Weigh Modules (load cell not included)		UNIT: kg
101BHM2	50kg; 1.5t	1.30
	2t	2.40
101NHM2	50(0-250)lb	0.40
	(0.5-2)Klb	1.40
	5Klb	3.20
	10Klb	6.50
	(50-250)lb	2.80
MK4-101NHM2	(0.5-2)Klb	6.80
	5Klb	14.0
	10Klb	35.2
101NHM3	(0.5-3)Klb	2.00
	(5-10)Klb	3.90
102BHM1	(10-25)Klb / (5-15)t	21.7
	(50-75)Klb / (25-35)t	41.0
	SE100Klb	42.5
	200Klb	450.0
102BSM5	(50-75)Klb	45.3
102DHM3	(5-20)Klb	13.0
	(30-75)Klb	38.8
	100K; 150Klb	62.0
	(200-250)Klb	150.0
102DSM3	(5-20)Klb	13.0
	(30-75)Klb	38.8
	100K; 150Klb	62.0
	(200-250)Klb	150.0
102EHM2	(1-5)Klb	7.70
	(10-25)Klb; 35Klb	30.0
	(50-60)Klb	67.5
MK4-102EHM2	2.5; 5Klb	39.0
	10; 15; 25Klb	133.0
	35Klb	137.0
	50; 60Klb	316.0
102ESM2	(1-5)Klb	7.70
	(10-25)Klb; 35Klb	30.0
	(50-60)Klb	67.5
	(60-75)Klb	63.0
102THM5-AA	106MHM1	1.38
110BHM3	(1-2.5)Klb / (0.5-1)t	0.60
	1t	1.20
	5t	3.00
	10t	6.40
	25t	17.3
276EHM1	10t	27.8
	50t	49.5

PRODUCTS GROSS WEIGHT

Weigh Modules (load cell not included)

363TSM1	1 2U/2.5Klb	2.00	
	(2-5-5)U/(5-10)Klb	3.20	
	(12-25)U/(25-50)Klb	7.40	
	50U/100Klb	27.2	
	100U/200Klb	43.0	
MK4-363TSM1	2.5Klb	9.30	
	5: 10Klb	14.1	
	25: 50Klb	30.9	
	100Klb	110.0	
	200Klb	173.0	
535AHM2	5t	1.20	
	10t	3.60	
	15t	5.40	
	20t	9.20	
	30t	7.40	
563RSM5	10t	17.0	
	100t	63.0	
	(5-200)kg	2.04	
	MK4-563RSM5	10: 20, 50, 100, 200kg	12.0
		563YHM2-02:	(0.1-SE5K)lb / (100kg-2t)	9.10
563YHM2-03:		(5-10)Klb / (3-5)t	11.0
563YHM4-02:		(0.1-SE5)Klb / (100kg-2t)	4.20
563YHM4-02:		(5-10)Klb / (3-5)t	9.80
MK4-563YHM4	(15-20)Klb / 10t	20.5	
	100: 250, 500lb; 1; 2; 2.5; 4; SE5Klb	22.0	
	5: 10Klb	25.0	
	563YSM3-02:	(0.5-SE5)Klb / (250kg-2t)	4.20
	563YSM3-02:	(5-10)Klb / (3-5)t	9.50

Amplifiers

DGB-A	0.04
A1A-22	0.17
A2A	0.50
A2P	0.20
DGB-D	0.04
A1A-D25C	0.15
ACT1	1.00

Junction Boxes

J02S-23-MB	0.30
J04EA-16;	0.50
J04SA-16	
J04ES-E;	0.70
J04SS-E	
J04ES/SS	0.70
J04ES-FS;	0.50
J04SS-FS	
J04EP-E;	1.50
J04SP-E	
J06ES/SS	0.90
J06S-E-21-MB	0.30
J08ES/SS	1.00
J08EP-E;	2.50
J08SP-E	
J12ES/SS	1.12

Indicators

AN204	0.45
AN310	0.35
805BS	2.30
805TS	2.30

Indicators

815BS	2.50
815TS	2.30
805HP	0.54
805HP-WL	0.36
808AH	9.00
808BH	14.00
808CH	6.40

Hardware & Accessories

Q51	500lb; 1K; 2.5K; 4K; SE5Klb	7.90
	5K; 10Klb / 3t; 5t	11.7
Q33	500kg; 1t; 1.5t; 2t	8.10
	500lb; 1K; 2.5K; 4K; SE5Klb / 250; 500kg; 1t; 2t	7.60
Q35	5K; 10Klb / 3t; 5t	11.4
	500lb; 1K; 2.5K; 4K; SE5Klb	7.80
Q33-S4	5K; 10Klb	11.4
	500lb; 1K; 2.5K; 4K; SE5Klb / 250; 500kg; 1t; 2t	7.60
Q35-S4	5K; 10Klb / 3t; 5t	11.4
	500lb; 1K; 2.5K; 4K; SE5Klb	7.60
FSP-TA	5K; 10Klb	11.4
	4'x4'	120.0
FSP	3'x3'	72.0
	4'x4'	120.0
	5'x5'	200.0
	4'x6'	180.0
	5'x7'	260.0
	4'x4'	138.0
FSP-GJ	4'x4'	190.0
FSP-HD	4'x4'	185.0
FSP-GH	4'x4'	185.0
FSP-SS-S4	3'x3'	75.0
	4'x4'	120.0
	5'x5'	200.0
	3'x3'	50.9
	4'x3'	61.0
RAMP-17	4'x4'	81.0
	5'x4'	103.0
	BG-48	21.6
	LB100	35.7
LB100-FP1	5Klb	35.7
AMF-F;	M12; 1/2	0.50
AMFSS-F;	M18; 3/4	0.80
AMFSA-F	M24; 1-14 UNS	1.80
FMF;	M12; 1/2	0.30
FMFSS;		
FMFS4		
REH	1/2	0.30
	M18	0.70
	3/4	0.80
	1-14 UNS	0.90
RE	M6; M12; 1/4; 1/2	0.10
	M16	0.20
	M18; 3/4	0.30
	M24	0.60
	M30	1.00
EYE	M12; 1/4; 1/2	0.10
	3/4	0.40

PRODUCTS GROSS WEIGHT

Hardware & Accessories

EYH	M16; M18; 3/4	0.80
	M24; 1-14 UNS	1.40
	M30; 1-1/4	2.70
	M36	3.70
SBMP	M42	3.80
	80	0.58
SPACER; SPACERSS	90	0.51
	1/2	0.05
	3/4	0.07
RBXS	1	0.15
	1t	0.23
SBX	5t	0.75
	2t	0.32
TBX	3.25t	0.65
	4.75t	1.02
	6.5t	1.75
	9.5t	3.25
	12t	4.62
	13.5t	6.38
	17t	9.43
	25t	13.2
	35t	23.7
	55t	44.6
	85t	69.9
	120t	120.2
	150t	153.3
	200t	237.0
	300t	363.0
500t	684.0	
800t	1313.0	
1000t	2024.0	
1250t	2511.0	
2t	0.13	
2.5t	0.22	
3.25t	0.31	
5t	0.72	
7t	1.10	
9.5t	1.76	
12.5t	2.58	
15t	3.70	
18t	5.06	
21t	6.70	
30t	8.42	
40t	14.2	
50t	23.3	
80t	42.1	
110t	74.8	
110t	0.80	
LA2	0.80	
TMA-108B	6kg; 20kg	0.80
WL900-xT/		1.34
WL900-xR		0.07
CA	CAHP20-1/2	18.0
	CAEFGI-1/2	0.10
CB4	5.1mm DIA x 100m	3.20
	5.1mm DIA x 500T	5.60
	5.1mm DIA x 300m	10.3
	7.6mm DIA x 100m	7.90
	7.6mm DIA x 500T	12.7
	7.6mm DIA x 300m	23.7

Hardware & Accessories

CB6	7.6mm DIA x 100m	7.40
	7.6mm DIA x 500T	11.9
	7.6mm DIA x 300m	22.8
CB12	7.6mm DIA x 100m	9.00
	7.6mm DIA x 500T	14.4
CB4RP	7.6mm DIA x 300m	27.0
	8.0mm DIA x 100m	11.9
CB6RP	8.0mm DIA x 100m	10.5
CB7AP	CB7-AP-7-9m	0.70
CSK/CSK-G1		0.22
CCP		0.06
CCS		0.05
TN	3030	10.3
	4050	17.8
	4680	24.8
TNS	6060	30.5
	3030	10.9
	4050	18.9
	4646	24.6
	4660	25.2
6060	31.4	

Axle Weigh Pad

AXA	0.5t; 1t; 2t	5.80
	3t; 5t	16.0
	10t; 15t; 20t	25.0
		2.70
AN560		2.70

Crane scales & Dynamometers

OCSA3	20Klb/10t	50.0
	30Klb/15t	76.0
	40Klb/20t	78.0
OCSB3	2Klb...6Klb/1t...3t	13.0
	10Klb/5t	19.0
OCS3	2Klb...6Klb/1t...3t	14.0
	10Klb/5t	18.0
OCSL	60lb...600lb/30kg...300kg	0.80
OCSM1	200lb...600lb/100kg...300kg	5.20
	1Klb; 2Klb/500kg; 1t	5.60
OCSZ	20Klb/10t	72.0
	60Klb/30t	200.0
OCSG1	6Klb	36.0
	10Klb	59.0
	20Klb	69.0
	30Klb	85.0
OCSG2	10Klb	59.0
	20Klb	69.0
	30Klb	85.0
OCSD	2Klb/1t	1.60
	4Klb; 6Klb/2t; 3t	2.10
	10Klb/5t	2.70
	20Klb/10t	10.4
	40Klb/20t	17.8
	60Klb/30t	25.0
	100Klb/50t	39.0
	200Klb/100t	91.0
	400Klb/200t	210.0

Note: Above products weights are not final and exact. Gross weights subject to change without notice. Please contact us for the updated information.

Anyload Single Points	Artech Cardinal	Coil- Global	Filmeq	HBM	Mettler- Toledo	Rice Lake	Wayhay Catron	Wayhay Revere	Wayhay Sensaronics	Wayhay Teda- Huntleigh	Other	Page No.
100TSL1		CG-PMS		PMS		RL 150RLPCSS						P89
100TSS1		CG-31						6001				P89
100TYS		CG-90/48						60018				P89
100LJA	CHB*											P89
100LJAIN		CG-50	PCB**	PVI2B/PVI2		RL 1250RL1218A	LOC	602	60060	1250	Anyload:6518AUN	P89
100MSLP					0756							P89
651AA		CG-10/10		SP10		RL 1010				10101015*		P84
651AAUN		CG-10/10						HPSM		10101015**		P84
651HA												P85
651HA			PC7*		SSH	RL 1200*				1510*	Anyload:1081A	P86
651KS22		CG-50-1*		PVI1E*						1200*		P87
651K52L			PC6									P88
651K596			PC8									P88
651K59C			PC9*									P88
651K59L			PC9*			RLPCBC-60						P88
651TA					MT 041					1540T041		P100
651TAUN		CG-40				RL 1040	LOC			1540T041		P100
Canisters												
100CS	CP1	CG-1/5						CP392B				P102
100CS20		CG-5B				RL CSP1		CP392B				P102
100CS35	SCA	CG-5B						CP392B				P102
100HS		CG-28/54		C-16				ASC*			Blancai:CPRAM	P105
100HS2CP											Totaleq:1752	P106
100HS		CG-CC22				B108S800A B10887700A						P114
100FS		CG-33						93				P114
100F-S20		CG-42						92				P114
100RS		CG-26/50	RC3*									P108
100RS-FB		CG-26110K CG-26210K				RL 7514					Fluoroblenk Fluoroblenk part number: 70510 Fluoroblenk part number: 70510 Fluoroblenk part number: 70510 LCF-H8420-19	P111
100TS		CG-26/57			Powersoll 760 ATA 107162							P112
266A-SPT											PT Global:LPX	P119
Pinners												
202JA						RL EL P**						P128
Weight Modules												
100SMA1						TSA						P133
100SMA3						RL 2100HE			66016 TSA			P134
100DHM3						EZ Mount 1*						P156
100DSM3						EZ Mount 1 Starline Sheet*						P157

Anyload Weight Modules	Artech Cardinal	Coil- Global	Filmeq	HBM	Mettler- Toledo	Rice Lake	Wayhay Catron	Wayhay Revere	Wayhay Sensaronics	Wayhay Teda- Huntleigh	Other	Page No.
100CE20						RL 1800						P129
100CE202					NLMSC	RL 1800						P129
100SMA4					VL405	RL 1800 HE*			66016 TWA			P129
651RSMA5					VL405	1700HE Temper						P149
651RM202						RL 1800*						P172
651RM203						RL 1800						P173

*May have minor differences, refer to the page for details.

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SPECIAL REQUIREMENT

Customer Name: _____ Company: _____

Address: _____

City, State, Zip: _____ Country: _____

Email: _____ Website: _____

Phone: _____ Fax: _____

TYPE OF PRODUCT:

- Single Ended Beams S-Beams Single Points Double Ended Beams
 Disks & Canisters Tension & Compression Spokes Load Pins Load Buttons
 Weigh Modules Hardware & Accessories Electronics

TYPE OF BUSINESS:

- Engineering House Export Trading Firm Scale & Load Cell Dealer Scale Manufacturer
 Equipment Manufacturer System Integrator Repair & Maintenance Other Type Of Business

Describe the application: _____

Are there any load cell or system certifications required ?

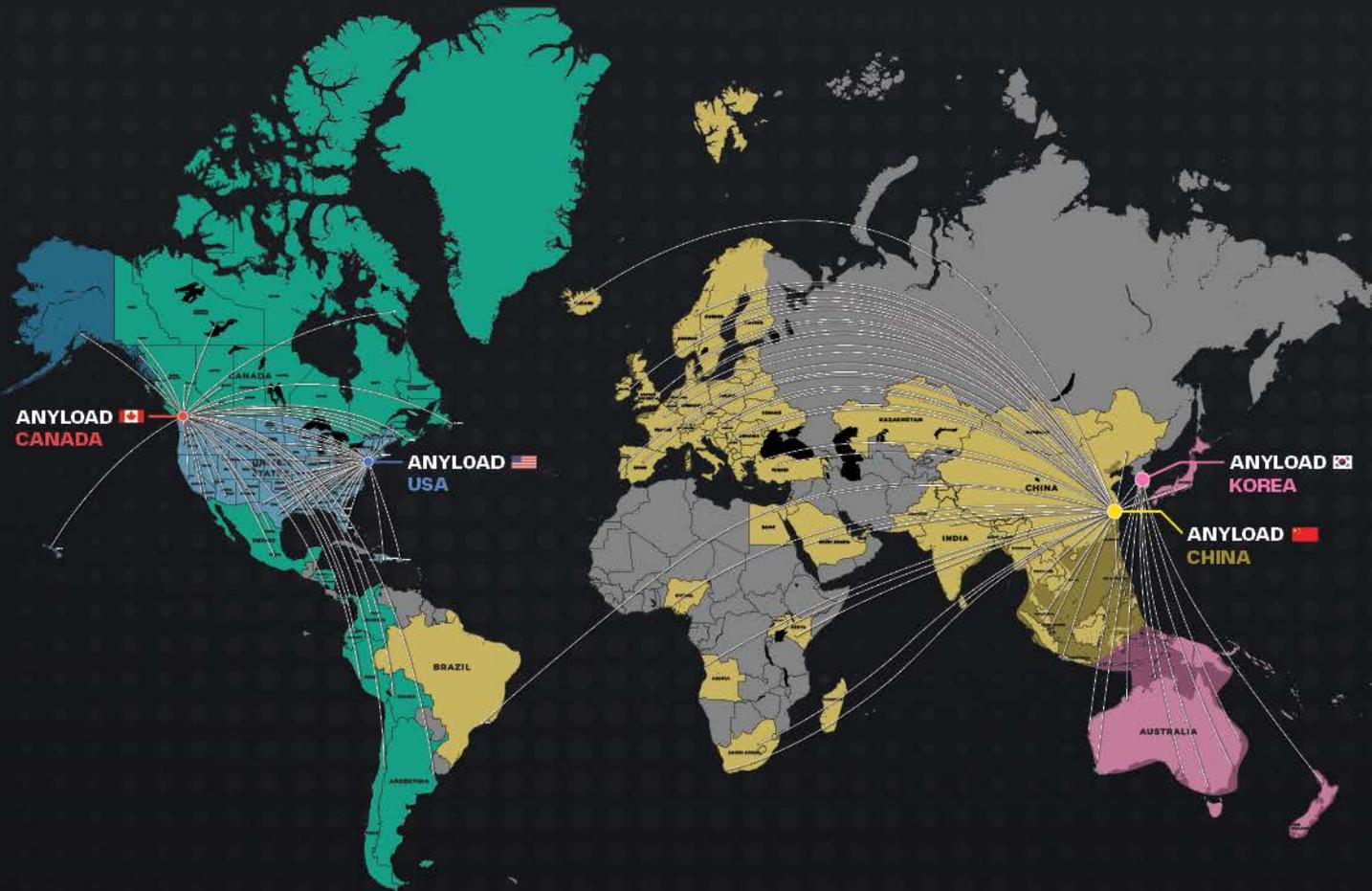
- OIML NTEP ATEX UL CSA FM RoHS
 CE Ex Other Certification _____

Special features: _____

Do you have a target price for the product ? _____

Quantities expected: _____

Please fill out the form above, and fax or mail it to our customer services managers who are at your entire disposal to evaluate your specific requirement. You will be contacted immediately when we have results.



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ISO
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