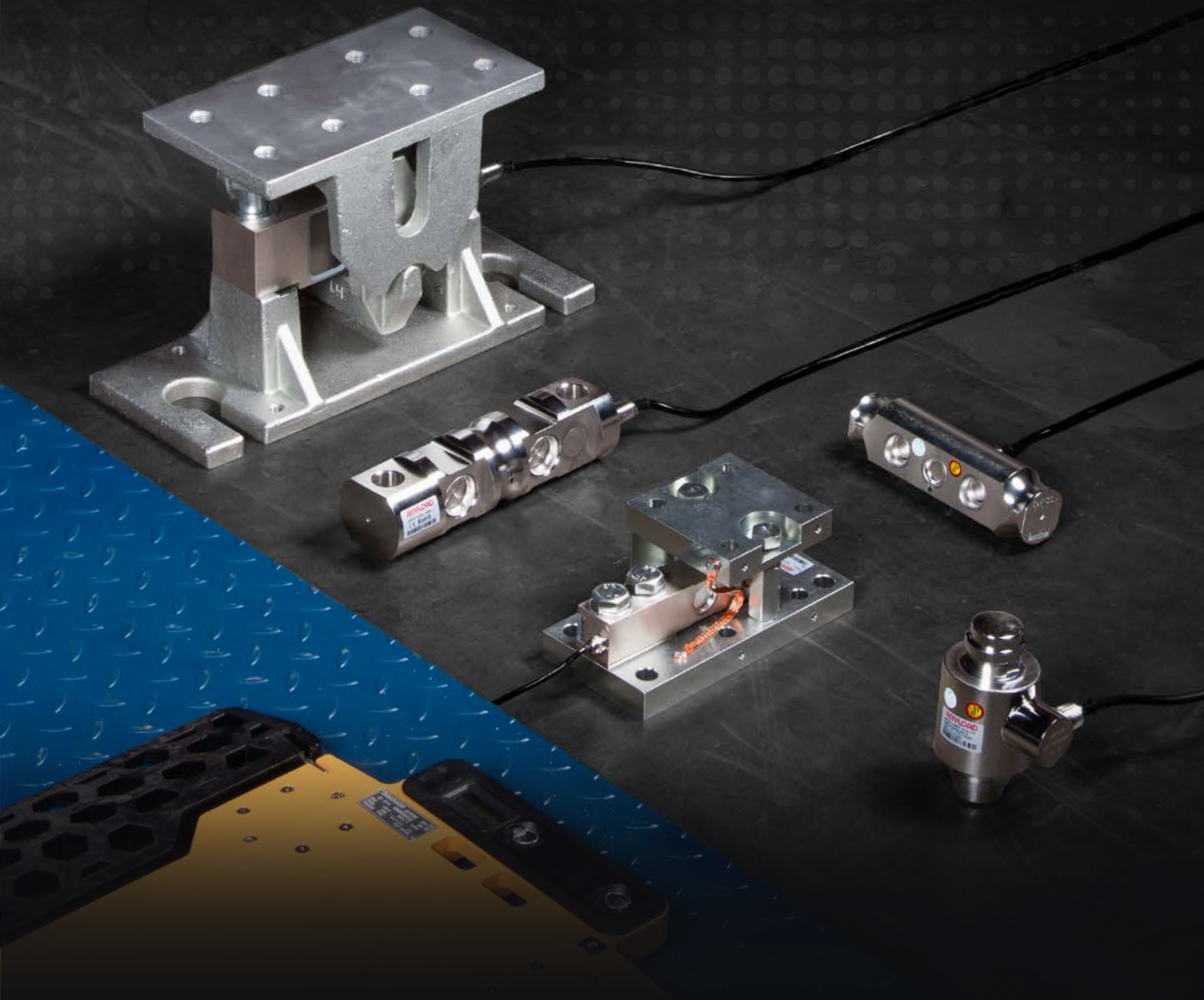


ANYLOAD[®]



PRODUCT CATALOGUE

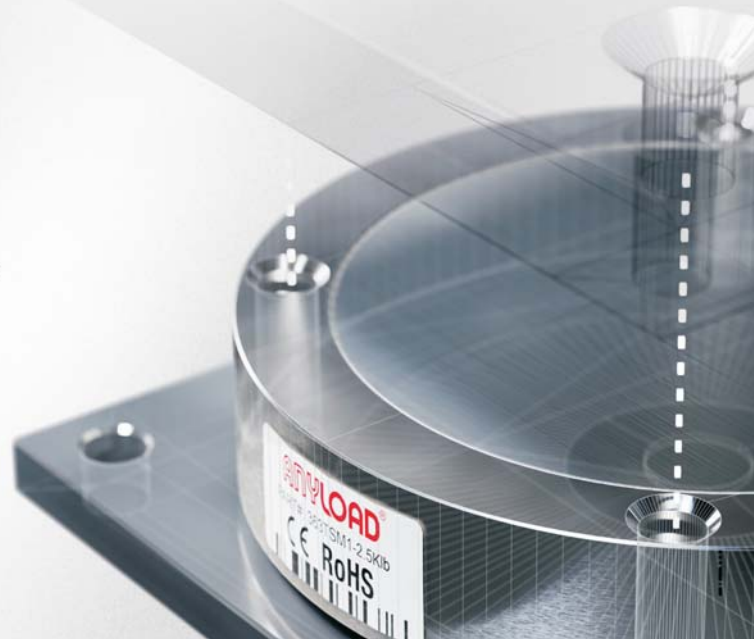
2026

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 Conformité Européenne (CE). We are especially proud to hold the Factory Mutual (FM) Canada and US, International Electrotechnical Commission Explosive (IECEx), and (ATEX).

RECENT MODELS

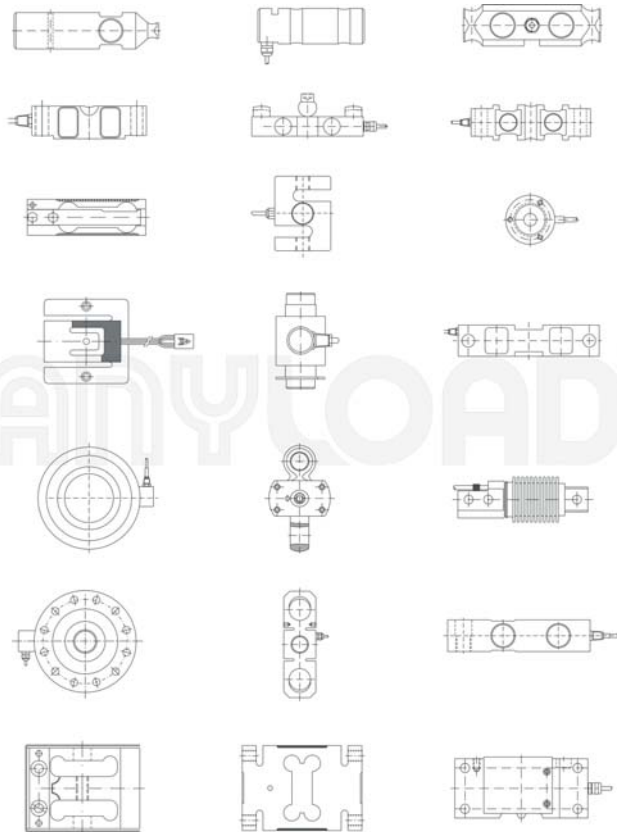


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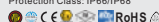

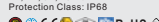

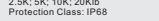
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SINGLE ENDED BEAM LOAD CELLS



INTERCHANGEABLE

P20		563FSAS	Stainless Steel 2.5Kib Protection Class: IP66 CE RoHS	
P21		563RS	Stainless Steel 5; 10; 20; 30; 50; 100; 200; 350; 500kg Protection Class: IP68 CE RoHS	Cardinal: CB6 Coti: CG-Z6 Flintec: SBB HBM: Z6 Mettler-Toledo: MTB Rice Lake: RLHBB/RL9018SS Celtron: HBB Revere: SHB TedeA: 355
P22		563SH	Alloy Steel 25; 50; 100; 150; 200; 250; 500lb Protection Class: IP65 CE RoHS	Artech: 50210 Rice Lake: RL50210 Revere: 5503 Sensortronics: 60040
P23		563SHBB	Alloy Steel 50; 100; 200; 250; 500lb; 1K; 2.5Kib Protection Class: IP65 CE RoHS	Artech: 40310 Fairbanks: 3-481XX-1/ 3-48660-1 HBM: BBS Rice Lake: RL408BS Sensortronics: 65087
P24		563WS; 563WS30	Stainless Steel 1.25K; 2.5K; 5K; 10K; 25K; 37.5K; 50K 60K; 75Kib Protection Class: IP67 CE RoHS	Avery Weigh-Tronix: Weigh Bar /27173/50104/ 5529 /AWT/27-500080 Coti: CG-WB-SS/ CG-WB-SS-500lb-27173/ CG-WB-SS-500lb-50104/ CG-WB-SS-60Kib-5529/ CG-WB-SS-75Kib-EZPOST Rice Lake: RL7500SS RL32011WB-L
P26		563WS-WBL	Stainless Steel 1.25Kib Protection Class: IP67 CE RoHS	Avery Weigh-Tronix: Bolt-In Weigh Bar Coti: CG-WBL-SS-1.25Kib Rice Lake: RL32011WB-T-1.25Kib
P27		563YA	Aluminum 200; 300lb Protection Class: IP67 CE RoHS	TedeA: 3310
P30		563YH	Alloy Steel 100; 200; 300; 500; 750kg; 1t; 1.5t; 2t; 2.5t; 3t; 5t; 10t; 20t; 250; 500lb; 1K; 1.5K; 2K; 2.5K; LE2.5K; 4K; SE5K; 5K; 10K; 15K; 20Kib Protection Class: IP66/IP67 CE RoHS	Artech: 30310 CAS: BSA Coti: CG-23 Rice Lake: RL30000/RL32018 RL35023 Celtron: S00B Revere: 5123 Sensortronics: 65023A TedeA: 3411
P28		563YH-23	Alloy Steel 250; 500lb; 750lb; 1K; 1.5K; 2K; 2.5K; 3K; 4K; SE5K; 5K; 10K; 15K; 20Kib Protection Class: IP67 CE RoHS	Artech: 30310 Coti: CG-23 Rice Lake: RL30000/RL32018 RL35023 Celtron: S00B Revere: 5123 Sensortronics: 65023A TedeA: 3411
P31		563YHFK	Alloy Steel 125; 250; 500kg; 1t; 2.5t; 5t; 10t Protection Class: IP66/IP67 CE RoHS	Kelba: KA
P32		563YHMS	Alloy Steel 1K; 3K; 5K; 10K; 20Kib Protection Class: IP67 CE RoHS	Coti: CG-SB2L/SB2M, CG-743 Mettler-Toledo: Masstron ML4311-4448/0743 Rice Lake: RL SB2MLW/ RL SB2L

















SINGLE ENDED BEAM LOAD CELLS

INTERCHANGEABLE	
<div><div>P33</div><div></div><div>563YHRT</div></div>	<div>Alloy Steel 1K; 2.5K; 4K; 5K; 10Klb Protection Class: IP67</div> <div></div> <div>Artech: 30410 Coti: CG-30410 Reverse: 5723</div>
<div><div>P29</div><div></div><div>563YS; 563YS30</div></div>	<div>Stainless Steel 250; 500kg; 1t; 2t; 3t; 5t; 10t/ 500lb; 1K; 2K; 2.5K; 4K; 5K; 10K; 15K; 20Klb Protection Class: IP68</div> <div></div> <div>563YS: Coti: CG-23-SSW-02 Rice Lake: RL3082/RLHTO Sensortronics: 65083S Tede: 3510-kg 563YS30: Artech: SS30310 Coti: CG-23-SSW-03 HBM: B3S/H35 Mettler: Toledo: 0793 Rice Lake: RL32018S/RL32018S-HE/RL35083/ RL39123/RL39023S Cetrion: SQB-HSS Reverse: 9123 Sensortronics: 65023S/65023SS/65083 Tede: 3510-lbs</div>
<div><div>P34</div><div></div><div>563YSBK; 563YSBKUN</div></div>	<div>Stainless Steel 200; 250; 500kg; 1t; 2t Protection Class: IP67</div> <div></div> <div>Flintec: BK2</div>
<div><div>P35</div><div></div><div>563YSLB</div></div>	<div>Stainless Steel 500lb; 1K; 2.5Klb Protection Class: IP67</div> <div></div> <div>Cardinal: LFB Coti: CG-HMT</div>
<div><div>P36</div><div></div><div>563YSLF</div></div>	<div>Stainless Steel 1.5K; 2.5K; 5Klb Protection Class: IP67</div> <div></div> <div>Coti: CG-BLF HBM: BLF Fairbanks: 3-53581-X/ 3-52921-X</div>
<div><div>P37</div><div></div><div>563YSMT</div></div>	<div>Stainless Steel 250; 500lb; 1.25K; 2.5K; 4K; 5K; 10Klb Protection Class: IP66/IP68</div> <div></div> <div>Coti: CG-745 HBM: THC Mettler-Toledo: MT0744 MT0745A Rice Lake: RL30745</div>
<div><div>P38</div><div></div><div>563YSMT-4</div></div>	<div>Stainless Steel 5; 10; 20; 50; 100KN Protection Class: IP66/IP68</div> <div></div> <div>Flintec: SB4</div>
<div><div>P39</div><div></div><div>563YSRS</div></div>	<div>Stainless Steel 1K; 2K; 5K; 10Klb Protection Class: IP68</div> <div></div> <div>Artech: SS30610 Coti: CG-SB3 HBM: SB3 Rice Lake: RLSSB Reverse: SSB</div>
<div><div>P40</div><div></div><div>563YSSB</div></div>	<div>Stainless Steel 2.5K; 5K; 10K; 20Klb Protection Class: IP68</div> <div></div> <div>Cardinal: SB Coti: CG-SB250 Rice Lake: RLSSB250</div>

DOUBLE ENDED BEAM LOAD CELLS

P41  102AH	Alloy Steel 5t; 10t; 15t; 20t; 25t; 30t; 50t Protection Class: IP67 
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DOUBLE ENDED BEAM LOAD CELLS

INTERCHANGEABLE		
P42		102BH
<p>Alloy Steel 5t; 10t; 15t; 20t; 25t; 30t; 35t; 50t/ 10K; 20K; 25K; 40K; 50K; 60K; 75K; SE100K; 100K; 125K; 200K; 300K; 400Klb Protection Class: IP67</p> <p>      </p>		<p>Artech: 70310 Coti: CG-58 Rice Lake: RL75068 Cetrion: CLB Reverse: 5303 Sensortronics: 65058A Teda: 4158</p>
P43		102BS
<p>Stainless Steel 10K; 20K; 25K; 50K; 60K; 75Klb Protection Class: IP68</p> <p>      </p>		<p>Artech: S670310 Coti: CG-58-SSW Rice Lake: RL75068S Reverse: 9303 Sensortronics: 65058S</p>
P44		102DH
<p>Alloy Steel 5K; 10K; 15K; 20K; 30K; 40K; 50K; 60K; 75K; 100K; 150K; 200K; 250Klb Protection Class: IP67</p> <p>      </p>		<p>Artech: 70210 Coti: CG-5103 Rice Lake: RL70000/RL72020 Mettler Toledo: SLD430 Reverse: 5103 Sensortronics: 65058</p>
P45		102DS
<p>Stainless Steel Welded Seal 5K; 10K; 15K; 20K; 30K; 40K; 50K; 60K; 75K; 100K; 150K; 200Klb Protection Class: IP68</p> <p>      </p>		<p>Artech: SS70210 Coti: CG-5103-SBW Mettler Toledo: SLD-530 Rice Lake: RL700055S/RL720195S RL720055S Reverse: 9103</p>
P46		102EH
<p>Alloy Steel 1K; 1.5K; 2.5K; 5K; 10K; 15K; 20K; 25K; 35K; 50K; 60K; 75K; 100K; 125K; 200K; 300Klb Protection Class: IP67</p> <p>      </p>		<p>Artech: 70510 Coti: CG-16 Rice Lake: RL75016/RL77032 Mettler Toledo: SLD425 Cetrion: DSR Reverse: 5203 Sensortronics: 65016</p>
P48		102EWEL
<p>Alloy Steel 40K; 50Klb Protection Class: IP67</p> <p>      </p>		<p>Coti: CG-STR Epelsta: STR</p>
P47		102ES
<p>Stainless Steel 2.5K; 5K; 10K; 15K; 25K; 35K; 50K; 60K; 75Klb Protection Class: IP68</p> <p>      </p>		<p>Artech: SS70510 Coti: CG-16-SSW Rice Lake: RL75016SS/RL75016WHE/ RL77032SS/RL77032SS HE Mettler Toledo: SLD525 Cetrion: DSR-SS Reverse: 9203 Sensortronics: 65016W/65016WH</p>
P49		102FS
<p>Stainless Steel 50K; 75Klb Protection Class: IP68</p> <p>      </p>		<p>Cardinal: DB500005/ DB750005 Coti: CG-DB500005 Rice Lake: RLDB500005/ RLDB750005</p>
P50		102MMH
<p>Alloy Steel 25t Protection Class: IP67</p> <p>      </p>		
P51		102MHML
<p>Alloy Steel 25Klb Protection Class: IP67</p> <p>      </p>		<p>Coti: CG-SLS Massload: ML1100</p>
P52		102RH
<p>Alloy Steel 10t; 15t/ 50K; 65K; 75K; 100K; 125Klb Protection Class: IP68</p> <p>      </p>		<p>Artech: 80210 Coti: CG-5223 Rice Lake: RL75223 Reverse: 5223 Sensortronics: 65040-1127W</p>



S-BEAM LOAD CELLS



INTERCHANGEABLE

Alloy Steel
600kg
Protection Class: IP68
CE RoHS

BIM: SD86Kb

Alloy Steel
25K; 40K; SE50K; 50K; SE60K; 60K;
SE75K; 75K; 100K; 125Kb
Protection Class: IP67
CE RoHS

Artech: 80310
Coti: CG-BE40
Rice Lake: RL7040
Cetron: DLB
Reverse: 932/9903
Sensortronics: 65040A

INTERCHANGEABLE

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

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

Tede: 615

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

Coti: CGSB-SIW
Flintec: ULB
HBM: RSC
Rice Lake: RL20001HE
Cetron: STC HSS
Sensortronics: 50063
Tede: 616/620

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

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

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

Sensortronics: 60001
Rice Lake: 20001
Vishay Cetron: STC

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

Artech: S820210
Coti: CGSB-S8
Rice Lake: RL20000 SS
Cetron: STC-SS
Reverse: 9363
Sensortronics: 60050

SINGLE POINT LOAD CELLS



INTERCHANGEABLE

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

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

Vishay Tede: Hunteiligh: 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
Cetron: LPS ME 6-35kg
Tede: 1022

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

Vishay Tede: Hunteiligh: 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: PW6A
Tede: 1263

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

Cetron: HQC
Tede: 1320
Flintec: PC81

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




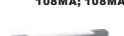


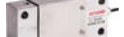



Aluminum
50; 100; 250; 635kg; 1t
Max. Platform Size: 550 x 600mm
Protection Class: IP66
CE RoHS

Aluminum
108JA: 20; 50; 60; LE60; 75; LE75; 100; LE100; 150;
SE150; SE200; 200; SE300; 300; SE400; 400; 500;
SE600; 750kg; 1t; 1.1t; 2t
108JA-21: 30; 50; 75; 100; 150; 250kg
Max. Platform Size: 108JA: 20-100kg: 480 x 600mm
150-400kg: 600 x 600mm
500kg-2t: 900 x 900mm
108JA-21: 500 x 500mm
Protection Class: IP66
CE RoHS

108JA-21: Anyload: 108LAMT
Vishay-Tede Hunteiligh: 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
Tede: 1130
108KSUN: Coti: CG-1130
Avery Weigh-Tronix: MK29
Tede: 1130
(mounting hole: 1/4"-20UNC)

INTERCHANGEABLE	
P72  108LAMT	Stainless Steel 30; 50; 60; 100; 150; 200; 250; 300kg Max. Platform Size: 500 × 500mm Protection Class: IP66 CE RoHS
P73  108LSMT	Stainless Steel 30; 50; 100; 200; 300kg Max. Platform Size: 500 × 500mm Protection Class: IP66 CE RoHS
P76  108MA; 108MAUN	Aluminum 50; 75; 100; 150; 200; 250; 300; 500; 635; 660; 1000kg Max. Platform Size: 610 × 700mm Protection Class: IP66 CE RoHS
P80  108PA	Aluminum 0.2; 0.3; 0.6; 1; 2; 3; 6kg Max. Platform Size: 200 × 200 / 230 × 230mm Protection Class: IP66 CE RoHS
P78  108QS	Stainless Steel 6; 10; 15; 25; 50; 100; 200; 500lb; 1Kib Max. Platform Size: 6 lb-100 lb: 400 × 450mm 200 lb: 500 × 550mm 500 lb; 1Kib: 650 × 700mm Protection Class: IP66 CE RoHS
P79  108QSFL	Stainless Steel 250lb Max. Platform Size: 400 × 450mm Protection Class: IP66 CE RoHS
P81  108SA	Aluminum 6; 10; 15; 20; 30kg Max. Platform Size: 250 × 250mm Protection Class: IP66 CE RoHS
P84  108TA; 108TAUN	Aluminum 3; 5; 7; 10; 15; 20; 30; 50; 75; 100; 150; 200kg Max. Platform Size: 400 × 450mm Protection Class: IP66 CE RoHS
P86  108TAAD	Aluminum 30; 60; 150kg Max. Platform Size: 400 × 400mm Protection Class: IP66 CE RoHS
P87  108TAAL	Aluminum 30; 60; 100; 150kg Max. Platform Size: 400 × 400mm Protection Class: IP66 CE RoHS

INTERCHANGEABLE

Anyload: 108JA-21
Mettler-Toledo: MT1241

Mettler-Toledo: SSP1241

108MA: Mettler-Toledo: MT1260
108MAUN: Citi: CG-50-1
HBM: PWS
Rice Lake: RL1260/RL26018A/
RPLPW116
Tedes: 1260

HBM: SPL
Tedes: 1004




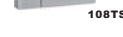





Cardinal: SP
Citi: CG-SPL/CG-SPLM

Avery Weigh-Tronic: FLS
Rice Lake: RLFLS

108TA: Flintec: PC42 (20~150kg)
Revere: 642C
Tedes: 1042
108TAUN: Cardinal: TSP
Citi: CG-42
HBM: SP4
Rice Lake: RL1042/
RLSP4 / RL42018A
Revere: 642
Tedes: 1042 (imperial threads)

A&D: LC-4102

A&D: LC-4103

INTERCHANGEABLE	
P83  108TAYM; 108TAYM-01	Aluminum 75; 150; 300kg Max. Platform Size: 400 × 400mm Protection Class: IP66 CE RoHS
P88  108TS; 108TSUN	Stainless Steel 5; 10; 15; 20; 30; 50; 75; 100; 150kg Max. Platform Size: 450 × 500mm Protection Class: IP66 CE RoHS
P89  108TSL	Stainless Steel 7; 10; 15; 30; 60; 100; 150kg Max. Platform Size: 400 × 400mm Protection Class: IP66 CE RoHS
P90  108TSST	Stainless Steel 10; 15; 25; 50; 100lb Max. Platform Size: 10; 15; 25lb: 200 × 250mm 50; 100lb: 300 × 300mm Protection Class: IP66 CE RoHS
P91  108TSVS	Stainless Steel 50; 100; 200; 400; 500lb; 1Kib Max. Platform Size: 50-500lb: 500 × 500mm 1Kib: 750 × 750mm Protection Class: IP66 CE RoHS
P92  108UA; 108UAUN	Aluminum 30; 50; 100; 150; 200; 300; 500; 635; 700kg; 1; 1.5t Max. Platform Size: 750 × 750mm Protection Class: IP66 CE RoHS
P92  108WH	Alloy Steel 300; 400; 500; 750kg; 1t Max. Platform Size: 600 × 700mm Protection Class: IP66 CE RoHS
P93  108WSLP	Stainless Steel 150kg Max. Platform Size: 400 × 400mm Protection Class: IP66 CE RoHS
P94  651AA; 651AAUN	Aluminum 5; 10; 15; 30; 50; 90; 100kg Max. Platform Size: 400 × 400mm Protection Class: IP66 CE RoHS
P95  651HS	Stainless Steel 6; 12; 20; 30; 50; 60kg Max. Platform Size: 350 × 350mm Protection Class: IP68/IP69K CE RoHS

INTERCHANGEABLE

Yamato: UH69

108TS: Cardinal: TSSP
Flintec: PCI (30-100kg)
HBM: PWS
Tedes: 1142
108TSUN: HBM-PW15
Rice Lake: RL1140/RL1385
Tedes: 1140

Citi: CG-PWS
HBM: PWS
Rice Lake: RL1380/RLPC3SS

Citi: CG-51
Sensorsionics: 60051



Citi: CG-60648
Sensorsionics: 60048

108UA: Cardinal: CH8
108UAUN: Anyload: 651BAUN
Citi: CG-50
Sensorsionics: 60060
Tedes: 1250
Rice Lake: RL1250 /
RL1218A
Revere: 652
HBM: PW12PW12B



Mettler-Toledo: 0756

651AA: Tedes: 1010/1015
651AAUN: Citi: CG-1010
HBM: SP10
Rice Lake: RL1010
Tedes: 1010/1015












Revere: HP5M

INTERCHANGEABLE	
P96	 <p>651JS</p> <p>Stainless Steel 50; 75; 200; 400kg Max. Platform Size: 600 × 600mm Protection Class: IP68/IP69K RoHS</p>
P97	 <p>651KS22; 651KSGS</p> <p>Stainless Steel 50; 100; 250; 500kg Max. Platform Size: 600 × 600mm Protection Class: IP68/IP69K/IP66 RoHS</p>
P75	 <p>651KS35UN</p> <p>Stainless Steel 50; 75; 100; 150; 200; 250; 300; 500kg Max. Platform Size: 610 × 700mm Protection Class: IP68 RoHS</p>
P98	 <p>651KS66</p> <p>Stainless Steel LE10kg; LE20kg; LE50kg; LE100kg; LE200kg Max. Platform Size: 610 × 700mm Protection Class: IP68/IP69K RoHS</p>
P99	 <p>651KSBC; 651KSBCUN</p> <p>Stainless Steel 100; 250; 500kg Max. Platform Size: 800 × 800mm Protection Class: IP68/IP69K RoHS</p>
P67	 <p>651KSCS</p> <p>Stainless Steel 60; 100; 150; 200; 250; 300; 500; 600; 750kg; 1t Max. Platform Size: 600 × 700mm Protection Class: IP68 RoHS</p>
P100	 <p>651TA; 651TAUN</p> <p>Aluminum 10; 15; 20; 30; 50; 75; 100; 200kg Max. Platform Size: 450 × 500mm Protection Class: IP66 RoHS</p>

CANISTER & DISK LOAD CELLS

INTERCHANGEABLE	
P101	 <p>106BH</p> <p>Alloy Steel 100; 200; 300; 500; 800; 1000t Protection Class: IP67 RoHS</p>
P102	 <p>106CS; 106CS20</p> <p>Stainless Steel 10; 15; 25; 40; 50; 100t / 10K; 25K; 50K; 100K; 200Kib Protection Class: IP68 RoHS</p>

CANISTER & DISK LOAD CELLS




INTERCHANGEABLE	
P103	 <p>106ES</p> <p>Stainless Steel 50K; 100Kib Protection Class: IP68 RoHS</p>
P104	 <p>106HS</p> <p>Stainless Steel 20; 30; 40t Protection Class: IP68 RoHS</p>
P105	 <p>106HSCP</p> <p>Stainless Steel 35t Protection Class: IP68 RoHS</p>
P106	 <p>106XS</p> <p>Stainless Steel 50K; 100Kib Protection Class: IP68 RoHS</p>
P107	 <p>106MS-F-YZ</p> <p>Stainless Steel 500kg; 1t; 2t; 5t; 10t; 1K; 2.5K; 5K; 10K; 20Kib Protection Class: IP67 RoHS</p>
P114	 <p>106PS; 106PS20</p> <p>Stainless Steel 50K; 100Kib Protection Class: IP68 RoHS</p>
P108	 <p>106RS</p> <p>Stainless Steel 7.5; 15; 22.5; 30; 40; 50; 100t Protection Class: IP68 RoHS</p>
P111	 <p>106RS-FB</p> <p>Stainless Steel LE50Kib; 56Kib; 250Kib Protection Class: IP68 RoHS</p>
P112	 <p>106TS</p> <p>Stainless Steel SE30t; 30t; SE50t / 50K; 100Kib Protection Class: IP68 RoHS</p>
P115	 <p>266AA; 266AH</p> <p>Aluminum 25; 50kg Alloy Steel 100; 200; 300; 500kg; 1t; 2t; 5t; 10t; 20t; 30t Protection Class: IP66 / IP67 RoHS</p>
P118	 <p>266AS</p> <p>Stainless Steel 100; 200; 250; 500kg; 1t; 2t; 5t; 10t; 20t; 30t Protection Class: IP68 RoHS</p>

INTERCHANGEABLE


P119		266ASPT	Stainless Steel 100; 250; 500kg; 11; 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		202UA	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

P131		110BH	Patent Design Alloy Steel 1; 2; 5; 10; 20; 30; 50; 75; 100; 120t Protection Class: IP67 CE RoHS	
P132		110ES-WL-HP	Wireless Tension Link Stainless Steel 1; 2.5; 5; 10; 20; 30; 50; 100t Protection Class: IP68/IP69K CE RoHS	
P134		110RH; 110RH-ST	Patent Design Alloy Steel 0.5; 1; 2; 3; 5; 10; 20; 30; 50; 100t Protection Class: IP67 CE RoHS	
P133		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	
P136		110ZHL	Alloy Steel 1.5; 2.5t; 2.5Klb Protection Class: IP67 CE RoHS	

FORCE MEASUREMENT

P137		101AALS; 101ASLS	Aluminum / Stainless Steel 2.2; 5; 10; 25; 50; 100; 200; 300; 500lb Protection Class: IP30 CE RoHS	
P138		101RS	Stainless Steel 100N; 250N; 500N; 750N Protection Class: IP66 CE RoHS	
P139		101RSLS	Stainless Steel 250g; 1lb; 2lb; 5lb; 10lb; 25lb; 50lb; 100lb Protection Class: IP40 CE RoHS	
P140		107CH	Alloy Steel 10; 20; 50; 100; 200kN Protection Class: IP67 CE RoHS	

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



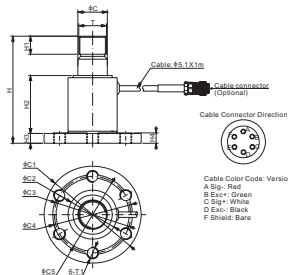
296AS

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

CE RoHS

LOAD CELLS

ANYLOAD



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	> 2.1 50V DC GO
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
Crawl in 30 min.	≤ ± 0.023%	Seal Type / IP Rating	Environmentally Sealed / IP68
Input Resistance	1000Ω ± 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

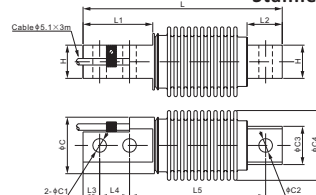
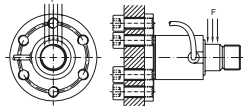
Rated Capacity	Part No.	Weight (kg) Approx.
2.5Kilb	563FSAS-2.5Kilb-YZ	1.1

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



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 Emox	0.27 - 0.33mm	Insulation Resistance	> 2.1 50V DC GO
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
Crawl in 30 min.	≤ ± 0.023%	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		

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 Celdtron	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

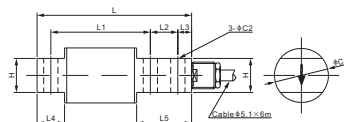
WEIGH MODULE

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
Input Resistance	400 Ω ± 20		Sig+ Green Sig- White
Output Resistance	350 Ω ± 3		Shield Bare
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.

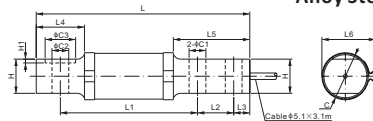
INTERCHANGEABLE REFERENCE

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	61.0
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	43.0

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
Output Resistance	Cap. <1KΩ; 700 Ω ± 5; Cap. <2.5KΩ; 350 Ω ± 3		Sig+ Green Sig- White
Element Material	Alloy Steel, Nickel Plated		Shield Bare

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.

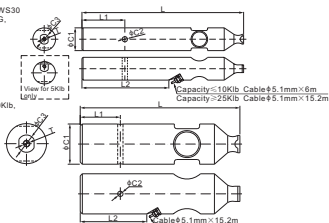
INTERCHANGEABLE REFERENCE

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

563WS; 563WS30

Stainless Steel

ANYLOAD

563WS; 563WS30
563WS30-CG,
563WS30-E:563WS30-50Kib,
563WS30-H:

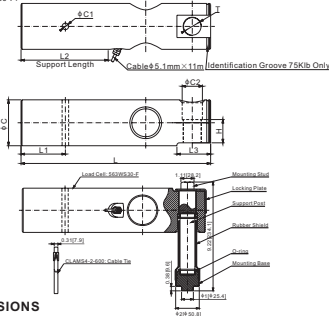
*: Output 3.0mV/V only

DIMENSIONS

RATED CAPACITY 563WS: 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	106.8	#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	88.9	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
563WS30: lb													
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	88.9	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	5/8-18 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
90.000 (-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:



Hardware kit (to be ordered separately)

Part#: 563WS30-F-PARTS-A
includes:
1x Mounting Stud
1x Lock Plate
1x Support Post
1x Rubber Shield
1x Mounting Base
2x O-rings
1x Clamp
(Interchangeable: Avery Weigh-Tronix Exa-Post Suspension Kit)



*: 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	inch	mm	inch	mm	inch	mm	
60.000-75.000	3.75	95.2	0.53	13.5	1.65	42.0	15.5	393.7	3.63	92.1	7.13	181.0	2.76	70.0	1.90	48.3	1-1/8 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): 350G ± 7 563WS30-F: 375G ± 25
Zero Balance	± 0.02 mV/V	Output Resistance	350G ± 3
Non-linearity	563WS; 563WS30(CG): < ± 0.023% 563WS30-E(F, -H): < ± 0.02%	Recommended Excitation	10V (15V Maximum)
Repeatability	563WS; 563WS30(CG): < ± 0.023% 563WS30-E(F, -H): < ± 0.02%	Insulation Resistance	> 21,50V DC 1 GΩ
Hysteresis Error	563WS; 563WS30(CG): < ± 0.023% 563WS30-E(F, -H): < ± 0.03%	Compensated Temperature Range	-10°C to 50°C (14°F to 122°F)
Creep in 30 min.	563WS; 563WS30(CG): < ± 0.030% 563WS30-E(F, -H): < ± 0.03%	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	Extr Red Extr 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	AWT21-500080	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.

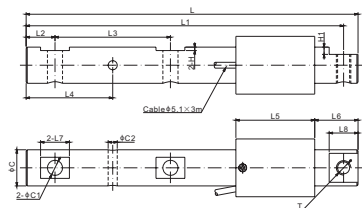
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563WS-WBL

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	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)
1.25Kilb.....	563WS-1.25Kilb-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-1.25Kilb
Rice Lake.....	RL32011WB-T-1.25Kilb

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

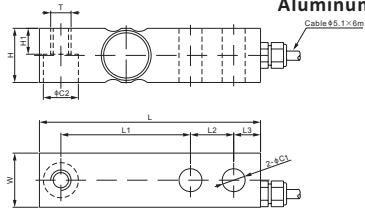
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563YA

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	350Ω ± 7	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)
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*

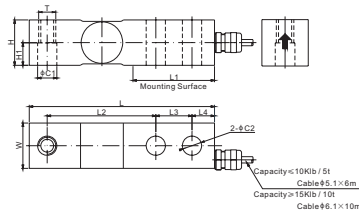
* Interchangeable with Vishay TedeA-Huntleigh 3310 imperial thread

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563YH-23

Alloy Steel



DIMENSIONS

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-28
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-28
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-28

SPECIFICATIONS

Full Scale Output	3.0 mV/V ± 0.25%	Element Material	Alloy Steel, Nickel Plated
Zero Balance	± 0.02 mV/V	Recommended Excitation	10V (15V Maximum)
Non-linearity	Cap. ≤ 750lb: < ± 0.03%; Cap. > 750lb: < ± 0.02%	Insulation Resistance	> 2150V DC 1 GΩ
Repeatability	< ± 0.02%	Compensated Temperature Range	-10°C to 50°C / 14°F to 122°F
Hysteresis Error	Cap. ≤ 750lb: < ± 0.03%; Cap. > 750lb: < ± 0.02%	Safe Overload	150% of full scale
Creep in 30 min.	< ± 0.02%	Breaking Overload	300% of full scale
Input Resistance	350Ω ± 7	Seal Type / IP Rating	Environmentally Sealed / IP67
Output Resistance	350Ω ± 3	Cable Color Code	Exc-Red Sig- Green Shield Bare

PART NUMBER*

Rated Capacity	Part No.	Weight Approx. (kg)
250lb	563YH-23A-500lb	1.0
500lb	563YH-23A-500lb	1.0
750lb	563YH-23B-500lb	1.0
1Klb	563YH-23-1Klb	1.0
1.5Klb	563YH-23-1.5Klb	1.0
2Klb	563YH-23-2Klb	1.0
2.5Klb	563YH-23-2.5Klb	1.0
3Klb	563YH-23-3Klb	1.0
4Klb	563YH-23-4Klb	1.0
SE5Klb	563YH-23-SE5Klb	1.0
5Klb	563YH-23-5Klb	1.8
10Klb	563YH-23-10Klb	1.8
15Klb	563YH-23-15Klb	4.0
20Klb	563YH-23-20Klb	4.0

SE refers to small envelope

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

WEIGH MODULE

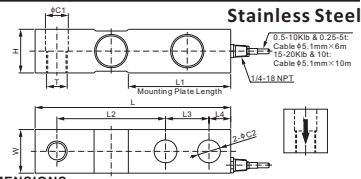
Model	563YHM2-02	563YHM2-03	563YHM4-02
Page	172	173	170

ANYLOAD

ANYLOAD

563YS; 563YS30

Stainless Steel



DIMENSIONS

RATED CAPACITY	C1	C2	H	L	L1	L2	L3	L4	W	T
lb/inches										
500-4,000, SE5,000	0.53	0.53	1.22	5.12	2.25	3.00	1.00	0.62	1.22	1/2-20 UNF-28
5,000-10,000	0.79	0.79	1.50	6.75	3.00	3.75	1.50	0.75	1.50	3/4-16 UNF-28
15,000-20,000	1.03	1.03	2.00	8.75	4.00	4.75	2.00	1.00	2.00	1-14 UNS-28

kg/mm										
250-2,000	13.5	13.5	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

Full Scale Output	563YS: 2.0 mV/V ± 0.25%; 563YS30: 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	< ± 0.023%	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 Sig- Green Shield Bare
Output Resistance	350Ω ± 3		
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
1Klb	563YS-1Klb	563YS30-1Klb	1.0
2Klb	563YS-2Klb	563YS30-2Klb	1.0
2.5Klb	563YS-2.5Klb	563YS30-2.5Klb	1.0
4Klb	563YS-4Klb	563YS30-4Klb	1.0
SE5Klb	563YS-SE5Klb	563YS30-SE5Klb	1.0
5Klb	563YS-5Klb	563YS30-5Klb	1.8
10Klb	563YS-10Klb	563YS30-10Klb	1.8
15Klb	563YS-15Klb	563YS30-15Klb	4.1
20Klb	563YS-20Klb	563YS30-20Klb	4.1
250kg	563YS-250kg		1.0
500kg	563YS-500kg		1.0
1T	563YS-1T		1.0
2T	563YS-2T		1.0
3T	563YS-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-2.5Klb & 250kg-1T: NTEP 1-5,000 Class III, S; 4Klb-20Klb & 2t-5t: NTEP 1-6,000 Class III, M; NTEP 1-10,000 Class III, M; 563YS30, 500lb-2.5Klb: NTEP 1-5,000 Class III, S; NTEP 1-10,000 Class III, M; 4Klb-20Klb: NTEP 1-6,000 Class III, S; NTEP 1-10,000 Class III, M; 563YS, 2Klb-5Klb & 500kg-2t: OIML MAA C4, Y=15 000; 10Klb-20Klb & 3t-5t: OIML MAA C4, Y=26 000; 563YS30, 2Klb-5Klb: OIML MAA C4, Y=15 000; 10Klb-20Klb: OIML MAA C4, Y=26 000; For further available P/N's & specifications per NTEP/OIML classes, please contact us.

INTERCHANGEABLE REFERENCE

Brand	563YS	563YS30
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 / RLH10	RL32018S* / RL32018S-HE / RL35023S* / RL35083 / RL39123
Vishay Celfron		SOB-HSS
Vishay Revere Transducers		8123
Vishay Sensortronics	65083S	65023S* / 650235S** / 65083
Vishay Tedea-Huntleigh	3510-kg	3510-lbs

* Environmentally sealed / ** Welded seal / *** Environmentally sealed for capacities 1Klb-10Klb

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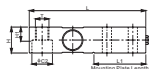
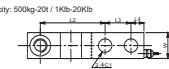
563YH

Alloy Steel

ANYLOAD

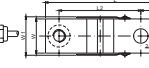
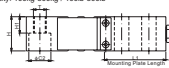


Capacity: 500kg-20k / 100k-20Klb



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

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



RATED CAPACITY	C1		C2		H		H1		DIMENSIONS		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	0.62	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	0.62	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	-	1/4-16 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-25												

SPECIFICATIONS		RECOMMENDED EXCITATION	
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
Input Resistance	4000 ± 20 for kg, 3500 ± 7 for lb	Cap. > 500kg/1Klb: Environmentally Sealed / IP67	
Output Resistance	350 Ω ± 3	Exc+ Red Exc- Black	
Element Material	Alloy Steel, Nickel Plated	Sig+ Green Sig- White Shield Bare	

PART NUMBER*		WEIGH MODULE	
Rated Capacity	Part No.	Model	563YH-M2-02 563YH-M2-03 563YH-M4-02
100lb.....	563YH-100lb	Page	172 173 170

INTERCHANGEABLE REFERENCE	
Brand	Model
Artch.....	30310
CAS.....	BSA*
Coti Global.....	CG-23*
Rice Lake.....	RL3000*
Rice Lake.....	RL32018*
Rice Lake.....	RL35023*
Vishay Cellotron.....	SOB*
Vishay Revere Transducers.....	5123*
Vishay Sensortronics.....	65023A*
Vishay Tedea-Huntleigh.....	3411*

* The dimensions of C2 of interchangeable models are different:
0.53 inch for 100lb to SE5Klb, 0.78 inch for 5Klb and 10Klb, 1.03 inch for 15Klb and 20Klb

250lb-2.5Klb & 200kg-1t: NTEP 1:5 000 Class III, Single Cell;
NTEP 1:9 500 Class III, Multiple Cell
4Klb-20Klb & 2t: NTEP 1:5 000 Class III, Single Cell;
NTEP 1:10 000 Class III, Multiple Cell
1.5Klb-5Klb & 500kg-2.5t: OIML MAA C4, Y=15 000;
10Klb-20Klb & 3t-10t: OIML MAA C6, Y=6 500

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

SE refers to small envelope

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

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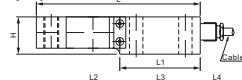
ANYLOAD

563YHFK

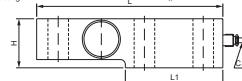
Alloy Steel



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	26	66	227	117	117	60	25	50	-	-	-														

SPECIFICATIONS		RECOMMENDED EXCITATION	
Full Scale Output	125-500kg, 1.0t: 2.2 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. < 250kg: Environmentally Sealed / IP66
Input Resistance	350 Ω ± 3	Cap. > 500kg: Environmentally Sealed / IP67	
Output Resistance	350 Ω ± 3	Exc+ Red Exc- Black	
Element Material	Alloy Steel, Nickel Plated	Sig+ Green Sig- White Shield Bare	

PART NUMBER*		INTERCHANGEABLE REFERENCE	
Rated Capacity	Part No.	Anyload Part No.	Kelba Model
125kg.....	563YHFK-125kg.....	563YHFK-125kg.....	KA125N
250kg.....	563YHFK-250kg.....	563YHFK-250kg.....	KA250N
500kg.....	563YHFK-500kg.....	563YHFK-500kg.....	KA500N
1t.....	563YHFK-1t.....	563YHFK-1t.....	KA1000N
2.5t.....	563YHFK-2.5t.....	563YHFK-2.5t.....	KA2500N
5t.....	563YHFK-5t.....	563YHFK-5t.....	KA5000N
10t.....	563YHFK-10t.....	563YHFK-10t.....	KA10000N

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

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=26 000;
5t-10t: OIML MAA C6, Y=6 500

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

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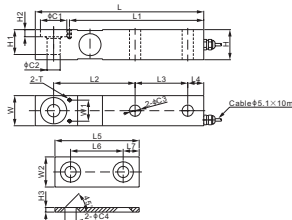
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SINGLE ENDED BEAMS

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
Kilb/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
10-30	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	2.37	0.82	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	15.8	13.5	13.5	36.3	30.0	8.6	5.5	203.2	162.0	96.3	63.5	19.3	101.6	63.5	19.3	36.3	25.4	36.3	8-32 UNF Depth0.4
4,535.9	38.1	22.1	21.3	21.3	45.2	27.4	9.9	5.5	235.0	190.8	123.7	66.8	22.6	111.8	66.8	22.6	43.2	28.5	43.2	10-32 UNF Depth0.4
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 Depth0.4

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
Output Resistance	350Ω ± 3		
Element Material	Alloy Steel, Nickel Plated		

PART NUMBER*

Rated Capacity	Part No.	Weight Approx. (kg)
1Kib	563YHMS-1Kib	2.5
3Kib	563YHMS-3Kib	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 C6, 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	0.0743
Rice Lake	RLSB2MLW*
Rice Lake	RLSB2L**

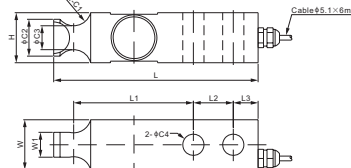
*RLSB2MLW is stainless steel for capacities 1Kib-20Kib;

**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
Kilb/inches											
1-4	0.44	0.92	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
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
Artich.	30410
Coti Global	CG-30410
Vishay Revere Transducers	5723

563YSBK; 563YSBKUN

Stainless Steel



DIMENSIONS

RATED CAPACITY	C	H	L	L1	L2	L3	L4	W	T
563YSBK:									
kg/mm									
250-500	13.0	12.7	128.5	76.2	25.4	14.2	54.0	31.8	M12
1,000	13.0	15.9	128.5	76.2	25.4	14.2	54.0	31.8	M12
2,000	13.0	19.1	128.5	76.2	25.4	14.2	54.0	31.8	M12
3,000	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:									
kg/mm									
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 | 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	1100Ω ± 50	Cable Color Code	Exco Red Exco-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
Flintec	BK2

ANYLOAD

ANYLOAD

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	0.69	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 | 1 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	Exco Red Exco-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	LFBB-500HMT	563YSLB-500lb-YZ
	LPB-1000HMT	563YSLB-1Klb-YZ
	LPB-2500HMT	563YSLB-2.5Klb-YZ
Coti Global	CG-HMT	

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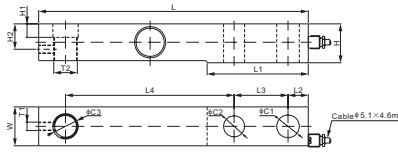
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563YSLF

Stainless Steel

ANYLOAD



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)														
880.4-1,134	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
2,268	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	1000Ω ± 15	Cable Color Code	Exc+ Red Exc- Black
Output Resistance	1000Ω ± 5		Sig+ Green Sig- White
Element Material	2Cr13 Stainless Steel		Shield Bare

PART NUMBER*

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

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

INTERCHANGEABLE REFERENCE

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

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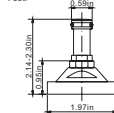
563YSMT

Stainless Steel

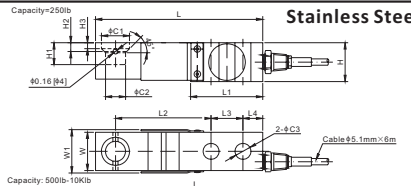


Foot or PIN to be ordered separately.

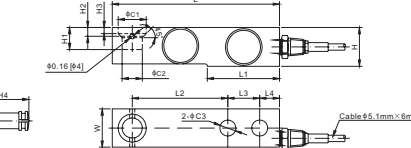
Foot:



PIN:



Capacity: 500lb-10Klb



DIMENSIONS

RATED CAPACITY	C1	C2	C3	C4	H	H1	H2	H3	H4	L	L1	L2	L3	L4	W	W1
Kilb/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	2.28	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	3.34	3.75	1.50	0.75	1.68	-
kg/mm (conversion of above dimensions)																
11.7	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	-
2,268.0	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	350Ω ± 7	Cable Color Code	Exc+ Red Exc- Black
Output Resistance	350Ω ± 3		Sig+ Green Sig- White
Element Material	17-4PH Stainless Steel		Shield Bare

PART NUMBER*

Load Cell	Part No.	Weight Approx. (kg)
250lb	563YSMT-250lb	1.0
500lb	563YSMT-500lb	1.0
1.25Klb	563YSMT-1.25Klb	1.0
2.5Klb	563YSMT-2.5Klb	1.0
4Klb	563YSMT-4Klb	1.0
5Klb	563YSMT-5Klb	1.3
10Klb	563YSMT-10Klb	2.0

Hardware

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

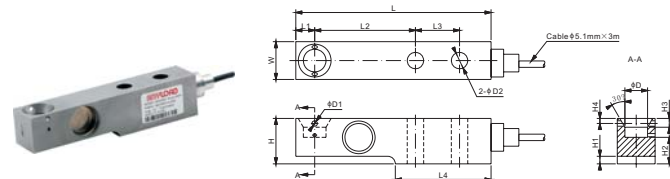
250lb-2.5Klb: NTEP 1:5 000 Class III, Single Cell;
NTEP 1:9 500 Class III, Multiple Cell
4Klb-10Klb: NTEP 1:6 000 Class III, Single Cell;
NTEP 1:10 000 Class III, Multiple Cell
1.25Klb-5Klb: OIML MAA C6, Y=26 000;
10Klb: OIML MAA C6, Y=8 500

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

563YSMT-4

Stainless Steel

ANYLOAD



DIMENSIONS													
RATED CAPACITY	L	L1	L2	L3	L4	H	H1	H2	H3	H4	W	D	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
50	190.0	21.0	105.0	40.0	93.0	49.0	8.0	28.5	9.0	8.0	43.0	25.0	4.3
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
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
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
100	9.66	1.18	5.31	1.97	4.72	2.87	0.49	1.65	0.39	-	2.36	1.18	0.17

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 Shield Yellow
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	1.2	
100kN	563YSMT-4-100kN	1.2	

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

INTERCHANGEABLE REFERENCE

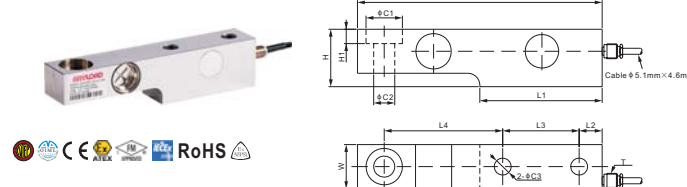
Brand	Model
Flintec	SB4

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=26 000
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	
Kilb/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	1.63	1.00	0.88	2.75	0.82	9.25	4.62	0.81	2.63	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	38.5	-	
4,536	41.4	25.4	22.4	69.9	15.8	235.0	117.3	20.6	66.8	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 Shield Bare
Output Resistance	350Ω ± 3		
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;
10Kib: OIML MAA C5, Y=26 000
For further available P/N's & specifications per NTEP/OIML classes, please contact us.

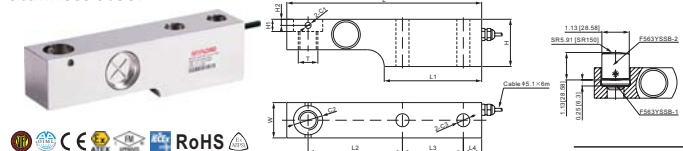
INTERCHANGEABLE REFERENCE

Brand	Model
Artech	SS30610
Coti Global	CG-SB3
HBM	SB3
Rice Lake	RLSSB
Vishey Revere Transducers	SSS

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	3/4-16 UNF-28
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	3/4-16 UNF-28
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 \pm 0.25%	Recommended Excitation	10V (15V Maximum)
Zero Balance	\pm 0.02 mV/V	Insulation Resistance	$>2 \times 10^9 \Omega$ / G/G
Non-linearity	$\leq \pm 0.023\%$	Compensated Temperature Range	-10°C to 50°C / 14°F to 122°F
Repeatability	$\leq \pm 0.023\%$	Safe Overload	150% of full scale
Hysteresis Error	$\leq \pm 0.023\%$	Breaking Overload	300% of full scale
Creep in 30 min.	$\leq \pm 0.030\%$	Seal Type / IP Rating	Welded Seal / IP68
Input Resistance	3500 \pm 7	Cable Color Code	Exc+ Red Exc- Black Sig+ Green Sig- White Shield Bare
Output Resistance	350 \pm 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	Load Cell Capacity	Part No.	Weight Approx. (kg)
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 1:5000 Class III, Single Cell;
NTEP 1:9500 Class III, Multiple Cell
5Kib-20Kib: NTEP 1:6000 Class III, Single Cell;
NTEP 1:10000 Class III, Multiple Cell
2.5Kib-5Kib: OIML MAA C5, Y=26 000;
10K-20Kib: OIML MAA C6, Y=8 500

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

INTERCHANGEABLE REFERENCE

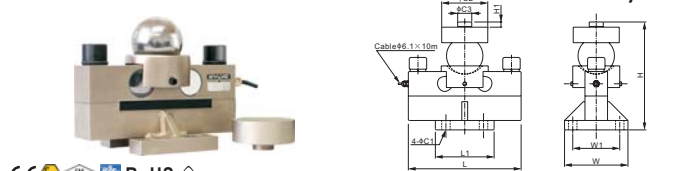
Brand	Model
Cardinal.....	SB2500S
Cardinal.....	SB5000S
Cardinal.....	SB10000S
Cardinal.....	SB20000S
Coti Global.....	CG-SB250
Rice Lake.....	RLSB250*

*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
44,092.5-66,136.7	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 \pm 0.25%	Recommended Excitation	10V (15V Maximum)
Zero Balance	\pm 0.02 mV/V	Insulation Resistance	$>2 \times 10^9 \Omega$ / G/G
Non-linearity	$\leq \pm 0.023\%$	Compensated Temperature Range	-10°C to 50°C / 14°F to 122°F
Repeatability	$\leq \pm 0.017\%$	Safe Overload	150% of full scale
Hysteresis Error	$\leq \pm 0.023\%$	Breaking Overload	300% of full scale
Creep in 30 min.	$\leq \pm 0.023\%$	Seal Type / IP Rating	Environmentally Sealed / IP67
Input Resistance	7700 \pm 30	Cable Color Code	Exc+ Red Exc- Black Sig+ Green Sig- White Shield Bare
Output Resistance	700 \pm 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

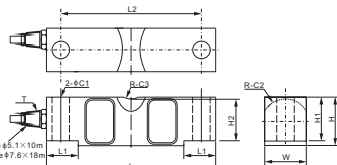
*ATEX, FM, IECEx approved versions carry the "-Ex" suffix.

102BH

Alloy Steel



Capacity<40Klb Cable ≤1.1'10m
Capacity>40Klb Cable 6.7'x16m



DIMENSIONS													
RATED CAPACITY	C1	C2	C3	H	H1	H2	L	L1	L2	W	T		
Klb/inches													
10-25	0.68	0.90	0.75	1.94	1.70	1.63	7.75	1.38	6.50	1.69	1/4-18 NPT		
40	0.81	1.12	0.98	2.44	2.10	2.03	10.25	1.93	8.50	1.94	1/2-14 NPT		
50-75	1.06	1.38	0.98	2.94	2.65	2.53	10.25	1.93	8.50	2.44	1/2-14 NPT		
SE100	1.06	1.38	0.98	3.44	2.65	2.53	10.25	1.93	8.50	2.44	1/2-14 NPT		
100-125	1.62	1.80	1.50	3.86	3.43	3.30	15.25	3.13	12.75	2.90	1/2-14 NPT		
150	1.62	2.37	2.00	5.80	5.12	4.44	19.25	4.00	15.25	3.80	1/2-14 NPT		
300	2.12	4.00	2.50	5.80	5.12	4.44	22.00	5.00	17.00	5.80	1/2-14 NPT		
400	2.12	5.00	3.00	5.80	5.12	4.44	22.00	5.00	17.00	5.80	1/2-14 NPT		
t/mm													
5-15	17.3	22.9	19.1	49.3	43.2	41.5	196.9	35.1	165.1	42.9	1/4-18 NPT		
20	20.5	28.4	25.0	62.0	53.4	51.6	260.4	49.0	216.0	49.3	1/4-18 NPT		
25-35	27.0	35.0	25.0	74.6	67.2	64.3	260.4	49.0	216.0	62.0	1/2-14 NPT		
50	41.2	45.7	35.1	98.0	87.1	83.8	387.4	79.5	323.9	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	> 21 50V 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 Exo-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

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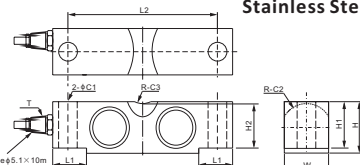
ANYLOAD

102BS

Stainless Steel



Capacity<25Klb Cable ≤1.1'10m
Capacity>50Klb Cable 6.7'x16m



DIMENSIONS													
RATED CAPACITY	C1	C2	C3	H	H1	H2	L	L1	L2	W	T		
Klb/inches													
10-25	0.68	0.90	0.75	1.94	1.70	1.63	7.75	1.38	6.50	1.69	1/4-18 NPT		
50-75	1.06	1.37	1.00	2.94	2.65	2.55	10.25	1.93	8.50	2.44	1/2-14 NPT		
kg/mm													
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	1/4-18 NPT		
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	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	> 21 50V DC 1 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 Exo-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

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

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

11i-55i: OIML MAA C5, Y=15 000

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

INTERCHANGEABLE REFERENCE		
Brand		Model
Artech		SS70310
Coti Global		CG-58-SSW
Rice Lake		RL75060S
Vishay Revere Transducers		9303
Vishay Sensortronics		65058S

WEIGH MODULE		
Model		Page
102BSM5		154

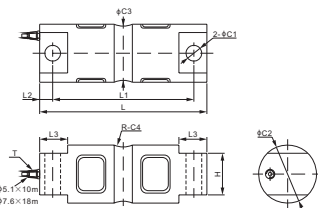
102DH

Alloy Steel

ANYLOAD



Capacity≤20Kib Cable 65.1'×10ft
Capacity>30Kib Cable 67.6'×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)										
2,250-9,071.8	16.7	49.5	37.8	12.7	28.4	206.2	174.6	15.8	36.6	1/4-18 NPT
13,607.7-34,019.4	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
90,718.5-113,398.1	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 ± 0.25%	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	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)
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.

WEIGH MODULE

Model	Page
102DHM3	156

INTERCHANGEABLE REFERENCE

Brand	Model
Arttech	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: 3.2"

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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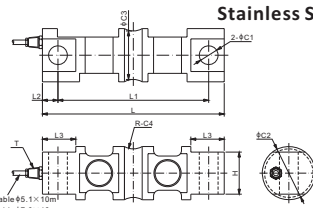
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102DS

Stainless Steel



Capacity≤20Kib Cable 65.1'×10ft
Capacity>30Kib Cable 67.6'×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)										
2,250-9,071.8	16.7	49.5	37.6	12.7	28.5	206.2	174.8	15.7	36.6	1/4-18 NPT
13,607.7-34,019.4	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 ± 0.25%	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	Welded Seal / IP68
Input Resistance	700Ω ±10	Cable Color Code	Exc+ Red Exc- Black
Output Resistance	700Ω ±5		Sig+ Green Sig- White
Element Material	17-4PH Stainless Steel		Shield Bare

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
102DSM3	157

INTERCHANGEABLE REFERENCE

Brand	Model
Arttech	SS70210
Coti Global	CG-5103-SSW
Mettler Toledo	SLD-530
Rice Lake	RL70000SS
Rice Lake	RL72019SS
Rice Lake	RL72020SS
Vishay Revere Transducers	9103

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102EH

Alloy Steel



DIMENSIONS

RATED CAPACITY	C1	C2	H	H1	L	L1	L2	L3	W	T
Kilb/inches										
1-5	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
100-125	1.83	-	3.94	0.25	18.50	15.00	1.75	3.25	2.94	1/2-14 NPT
200	2.13	-	5.79	0.50	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)										
4,535.9-2,268	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	15.8	44.0	36.5	1/4-18 NPT
15,875.7	20.0	63.5	-	-	222.0	190.5	15.8	44.0	38.1	1/4-18 NPT
22,679.8-27,215.5	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
45,359.2-56,699	41.4	-	100.0	6.4	470.0	431.0	44.5	82.6	74.7	1/2-14 NPT
90,718.5	54.0	-	147.0	12.7	520.7	476.0	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	± 0.02 mV/V	Insulation Resistance	>2 [50V DC] GΩ
Non-linearity	Cap. <125Klb: $\leq \pm 0.050\%$; Cap. >200Klb: $\leq \pm 0.1\%$	Compensated Temperature Range	-10°C to 50°C / 14°F to 122°F
Repeatability	$\leq \pm 0.030\%$	Safe Overload	150% of full scale
Hysteresis Error	Cap. <125Klb: $\leq \pm 0.030\%$; Cap. >200Klb: $\leq \pm 0.1\%$	Breaking Overload	300% of full scale
Crimp in 30 min.	$\leq \pm 0.030\%$	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)
1Klb	102EH-1Klb	1.7
1.5Klb	102EH-1.5Klb	1.7
2.5Klb	102EH-2.5Klb	1.7
5Klb	102EH-5Klb	1.7
10Klb	102EH-10Klb	2.9
15Klb	102EH-15Klb	2.9
20Klb	102EH-20Klb	2.9
25Klb	102EH-25Klb	2.9
35Klb	102EH-35Klb	3.9
50Klb	102EH-50Klb	11.3
60Klb	102EH-60Klb	11.3
75Klb	102EH-75Klb	11.3
100Klb	102EH-100Klb	23.0
125Klb	102EH-125Klb	23.0
200Klb	102EH-200Klb	48.0
300Klb	102EH-300Klb	50.0

WEIGH MODULE

Model	Page
102EHM2	158

INTERCHANGEABLE REFERENCE

Brand	Model
Artech	70510
Coti Global	CG-16
Rice Lake	RL75016S
Rice Lake	RL75016WHE*
Mettler Toledo	SLD425
Vishay Celfron	DSR
Vishay Revere Transducers	5203
Vishay Sensortronics	65016

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

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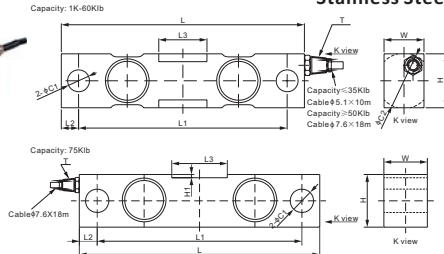
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102ES

Stainless Steel



DIMENSIONS

RATED CAPACITY	C1	C2	H	H1	L	L1	L2	L3	W	T
Kilb/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)										
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	15.8	44.0	36.5	1/4-18 NPT
15,875.7	20.0	63.5	63.5	-	222.0	190.5	15.8	44.0	38.1	1/4-18 NPT
22,679.8-27,215.5	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	± 0.02 mV/V	Insulation Resistance	>2 [50V DC] GΩ
Non-linearity	$\leq \pm 0.050\%$	Compensated Temperature Range	-10°C to 50°C / 14°F to 122°F
Repeatability	$\leq \pm 0.030\%$	Safe Overload	150% of full scale
Hysteresis Error	$\leq \pm 0.030\%$	Breaking Overload	300% of full scale
Crimp in 30 min.	$\leq \pm 0.030\%$	Seal Type / IP Rating	Welded Seal / IP68
Input Resistance	700Ω ± 10	Cable Color Code	Exc+ Red Exc- Black
Output Resistance	700Ω ± 5		Sig+ Green Sig- White
Element Material	17-4PH Stainless Steel		Shield Bare

PART NUMBER*

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

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

WEIGH MODULE

Model	Page
102ESM2	155

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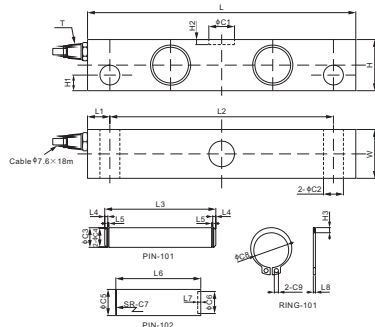
102EHEL

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
Kilb/inches																								
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	22.2	222.3	108.0	3.0	1.1	82.6	3.0	1.0	48.5	1/4-18 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/G		
Non-linearity	$<$ \pm 0.030%				Compensated Temperature Range				-10°C to 50°C / 14°F to 122°F		
Repeatability	$<$ \pm 0.015%				Safe Overload				150% of full scale		
Hysteresis Error	$<$ \pm 0.020%				Breaking Overload				300% of full scale		
Creep in 30 min.	\pm 0.020%				Seal Type / IP Rating				Environmentally Sealed / IP67		
Input Resistance	7000 \pm 10				Cable Color Code				Exc+ Red Exc-Black		
Output Resistance	7000 \pm 5								Sig+ Green Sig-White		
Element Material	Alloy Steel, Nickel Plated								Shield Bare		

PART NUMBER*

Load Cell	Part No.	Weight Approx. (kg)
Rated Capacity		
40Klb.....	102EHEL-40Klb.....	5.4
50Klb.....	102EHEL-50Klb.....	5.4
Mounting Hardware		
Mounting Hardware	Part No.	Weight Approx. (kg)
Mounting Kit*.....	102EHEL-(40-50)Klb-PARTS.....	0.8

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

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

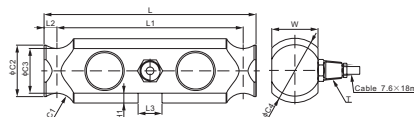
INTERCHANGEABLE REFERENCE

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
Kilb/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 \pm 0.25%				Recommended Excitation				10V (15V Maximum)		
Zero Balance	\pm 0.02 mV/V				Insulation Resistance				$>$ 2 [50V DC] G/G		
Non-linearity	$<$ \pm 0.030%				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		
Creep in 30 min.	$<$ \pm 0.023%				Seal Type / IP Rating				Welded Seal / IP68		
Input Resistance	7000 \pm 10				Cable Color Code				Exc+ Red Exc-Black		
Output Resistance	7000 \pm 5								Sig+ Green Sig-White		
Element Material	2Cr13 Stainless Steel								Shield Bare		

PART NUMBER*

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

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



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



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

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

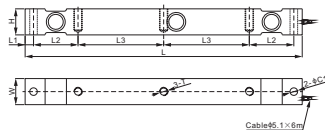
INTERCHANGEABLE REFERENCE

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

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)
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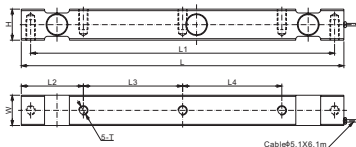
25t.....102MH-25t.....19.4

*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 ± 4		Sig+ Green Sig- White
Element Material	Alloy Steel		Shield Bare

PART NUMBER*

Rated Capacity	Part No.	Shipping Weight Approx. (kg)
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25Kib.....102MHML-25Kib.....18.8

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

INTERCHANGEABLE REFERENCE

Brand	Model
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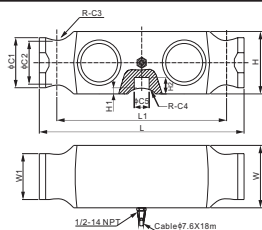
Coti Global.....CG-SLS*
Massload.....ML1100

*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												
50-65	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
t/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] 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
Output Resistance	700Ω ± 5		Shield Bare
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
50Kib	102RH-50Kib	8.6
65Kib	102RH-65Kib	8.6
75Kib	102RH-CH-75Kib	8.6
100Kib	102RH-CH-100Kib	8.6
125Kib	102RH-CH-125Kib	9.2

* No center hole version (noC5)

100Kib	102RH-100Kib	8.6
125Kib	102RH-125Kib	9.2

* Interchange with 100Kib 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	5223
Vishay Sensortronics	65040-1127W



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

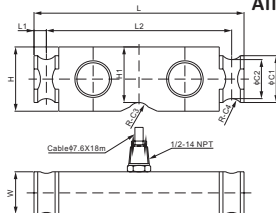
11t-15t: OIML MAA C4, Y=15 000

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] 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
Output Resistance	700Ω ± 5		Shield Bare
Element Material	Alloy Steel, Nickel Plated		

PART NUMBER*

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

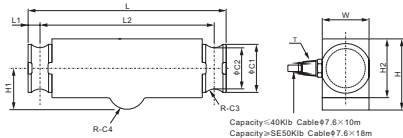
* ATEX, FM, IECEx approved versions carry the "-Ex" suffix.

INTERCHANGEABLE REFERENCE

Brand	Model
BIM	SDB60Kib

102TH

Alloy Steel



DIMENSIONS

RATED CAPACITY	C1	C2	C3	C4	H	H1	H2	L	L1	L2	W	T
Kilb/inches												
25-40: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	2.94	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	3.86	14.50	1.00	12.50	2.90	1/2-14 NPT
mm (conversion of above dimensions)												
6.3-18.1:SE22.7:SE27.2: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
45.4-56.7	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	> 21 50V 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	700 Ω ± 10	Cable Color Code	Exo Red Exo-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)
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

Lightning Protection Version:

75Kib.....	102TH-75Kib-02.....	8.5
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Lightning 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.

ATEX 111-55: OIML MAA C4, Y=15 000

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

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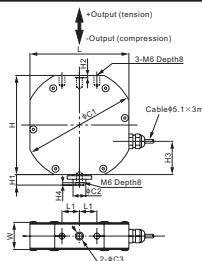
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ANYLOAD

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

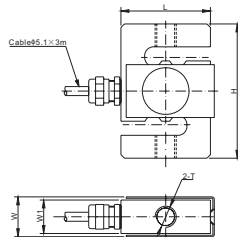
Full Scale Output	2.0 mV/V ± 10%	Recommended Excitation	10V (15V Maximum)
Zero Balance	± 0.02 mV/V	Insulation Resistance	> 21 50V DC 1 GΩ
Non-linearity	< ± 0.017%	Compensated Temperature Range	-10°C to 50°C / 14°F to 122°F
Repeatability	< ± 0.017%	Safe Overload	150% of full scale
Hysteresis Error	< ± 0.017%	Breaking Overload	300% of full scale
Creep in 30 min.	< ± 0.023%	Seal Type / IP Rating	Environmentally Sealed / IP65
Input Resistance	400 Ω ± 20	Cable Color Code	Exo Red Exo-Black Sig+ Green Sig-White Shield Bare
Output Resistance	350 Ω ± 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.

S-BEAMS



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

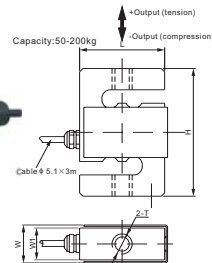
SPECIFICATIONS

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	4000 ± 25	Cable Color Code	Exc+ Red Exc- Black
Output Resistance	350 Ω ± 3		Sig+ Green Sig- White
Element Material	Aluminum, Clear Anodized		Shield Bare

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.



DIMENSIONS

RATED CAPACITY	H	L	W	W1	T
kg/mm					
50-200	78.2	50.8	22.6	19.0	M12 X 1.75
300-1,500; SE2,000	78.2	50.8	28.2	-	M12 X 1.75
2,000-5,000	108.0	78.2	25.4	-	M18 X 1.50
10,000	177.8	125.0	50.8	-	M30 X 2.00
lb/inches (conversion of above dimensions)					
110.23-440.92	3.00	2.00	0.89	0.75	M12 X 1.75
661.39-3,306.9; SE4,009.2	3.00	2.00	1.11	-	M12 X 1.75
4,409.2-11,023.1	4.25	3.00	1.00	-	M18 X 1.50
22,046.2	7.00	4.92	2.00	-	M30 X 2.00

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
Input Resistance	4000 ± 25		Cap. ≥ 300kg: Environmentally Sealed / IP67
Output Resistance	350 Ω ± 3	Cable Color Code	Exc+ Red Exc- Black
Element Material	Alloy Steel, Nickel Plated		Sig+ Green Sig- White Shield Bare

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
101BHM2.....	149

INTERCHANGEABLE REFERENCE

Brand	Model
Vishay TedeA-Huntleigh.....	615



100lb-500lb: up to NTEP 1.5 500 Class III, Single Cell;
100lb-200lb: 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.



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				
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	400 Ω ± 20	Cable Color Code	Exc+ Red Exc- Black Sig+ Green Sig- White
Output Resistance	350 Ω ± 3		Shield Bare
Element Material	17-4PH Stainless Steel		

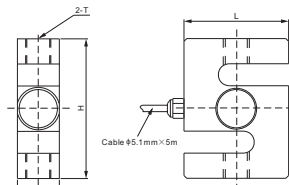
PART NUMBER*

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
11L	0.23-0.33mm	101BS-11	0.8kg
21L	0.20-0.30mm	101BS-21	1.5kg
31L	0.30-0.40mm	101BS-31	1.5kg
5L	0.35-0.45mm	101BS-5L	1.7kg
10L	0.008-0.012in	101BS-10L	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
6Klb	0.009-0.013in	101BS-6Klb	3.3lb
10Klb	0.015-0.019in	101BS-10Klb	3.8lb
15Klb	0.010-0.013in	101BS-15Klb	6.4lb
20Klb	0.014-0.018in	101BS-20Klb	15.4lb

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

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DIMENSIONS

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				
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	400 Ω ± 20	Cable Color Code	Exc+ Red Exc- Black Sig+ Green Sig- White
Output Resistance	350 Ω ± 3		Shield Bare
Element Material	17-4PH Stainless Steel		

INTERCHANGEABLE REFERENCE

Brand	Model
Coti Global	CGSB-SSW
FLINTEC	ULB
HBN	RSCT
Rice Lake	RL20001HE
Vishay Celfron	STC HSS
Vishay Sensortronics	60063
Vishay Tedea-Huntleigh	616*
Vishay Tedea-Huntleigh	620

* Glue Sealed.

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.



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	-	1-14 UNS-2B
20,000	7.00	5.00	2.00	-	1-12 UNF-2B
kg/mm					
50-250	63.5	50.8	12.7	16.6	1/4-28 UNF-2B
500	76.2	50.8	19.1	22.6	1/2-20 UNF-2B
1,000-3,000	76.2	50.8	28.2	-	1/2-20 UNF-2B
5,000-10,000	101.6	76.2	25.4	-	3/4-16 UNF-2B
15,000	139.7	101.6	31.8	-	1-14 UNS-2B
20,000	177.8	127.0	50.8	-	1-12 UNF-2B

kg/mm (conversion of above dimensions)

22.68-113.4	63.5	50.8	12.7	16.6	1/4-28 UNF-2B
226.8	76.2	50.8	19.1	22.6	1/2-20 UNF-2B
453.6-1,360.8	76.2	50.8	28.2	-	1/2-20 UNF-2B
2,268-4,535.9	101.6	76.2	25.4	-	3/4-16 UNF-2B
6,803.9	139.7	101.6	31.8	-	1-14 UNS-2B
9,071.8	177.8	127.0	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	350 Ω ± 3	Cable Color Code	Cap. ≥ 1Klb: Environmentally Sealed / IP67
Output Resistance	350 Ω ± 3		Exc+ Red Exc- Black Sig+ Green Sig- White
Element Material	17-4PH Stainless Steel		Shield Bare

PART NUMBER*

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

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

INTERCHANGEABLE REFERENCE

Brand	Model
Artich.	SS20210
Coti Global	CGSB-SS
Mettler-Toledo	SL5S10*
Rice Lake	RL20000 SS
Rice Lake	RL20000 ST
Vishay Celfron	STC-SS
Vishay Revere Transducers	9363
Vishay Sensortronics	60050

*SL5S10's height of 500lb-2Klb: 2.40inch; 3Klb: 3.90inch.
Thread of SL5 15Klb: 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.

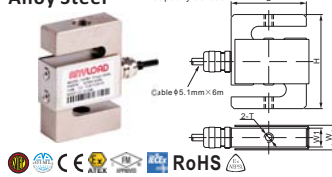
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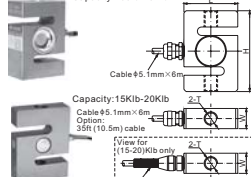
101NH

Alloy Steel

Capacity:500-500lb



Capacity:750lb-10Klb



RATED CAPACITY	H	L	DIMENSIONS	W1	T	Shipping Weight(lb)
lb/inches			W			
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		Recommended Excitation		10V (15V Maximum)	
Full Scale Output	3.0 mV/V ± 1%	Insulation Resistance	>2 50V DC | G0		
Zero Balance	±0.02 mV/V	Compensated Temperature Range	-10°C to 50°C / 14°F to 122°F		
Non-linearity	<±0.017%	Safe Overload	150% of full scale		
Repeatability	<±0.017%	Breaking Overload	300% of full scale		
Hysteresis Error	<±0.017%	Seal Type / IP Rating	Cap. ≥ 500lb: Environmentally Sealed / IP66		
Creep in 30 min.	<±0.023%	Seal Type / IP Rating	Cap. ≥ 750lb: Environmentally Sealed / IP67		
Input Resistance	350Ω ± 7	Cable Color Code	Exc+ Red Sig+ Green Shield Bare		
Output Resistance	350Ω ± 3				
Element Material	Alloy Steel, Nickel Plated				

Rated Capacity	Deflection Emax (inch)	Width	Part Number	INTERCHANGEABLE REFERENCE													
				Artch		Coti-Global		Rice Lake		Vishay		Celtron		Revere		Sensortronics	
		Height		20210	CGSB	CGSB-1	RL20000	RL20001	STC								
50lb	0.004-0.003	W:0.65 (H:2.5)	101NH-50lb	W:0.75 (H:3)	W:0.75 (H:3)	W:0.75 (H:3)	W:0.75 (H:3)										(H:2.4)
100lb	0.004-0.008	W:0.85 (H:2.5)	101NH-100lb	W:0.75 (H:3)	W:0.75 (H:3)	W:0.75 (H:3)	W:0.75 (H:3)										(H:2.4)
200lb	0.005-0.009	W:0.85 (H:2.5)	101NH-200lb	W:0.75 (H:3)	W:0.75 (H:3)	W:0.75 (H:3)	W:0.75 (H:3)										(H:3)
250lb	0.005-0.009	W:0.85 (H:2.5)	101NH-250lb	W:0.75 (H:3)	W:0.75 (H:3)	W:0.75 (H:3)	W:0.75 (H:3)	W:0.75 (H:3)	W:1.05 (H:3)								(H:2.4)
300lb	0.005-0.009	W:0.85 (H:2.5)	101NH-300lb	W:0.75 (H:3)	W:0.75 (H:3)	W:0.75 (H:3)	W:0.75 (H:3)	W:0.75 (H:3)	W:1.05 (H:3)								(H:3)
500lb	0.005-0.009	W:0.89 (H:3)	101NH-500lb	W:1.00 (H:3)	W:1.00 (H:3)	W:1.00 (H:3)	W:1.00 (H:3)	W:1.00 (H:3)	W:1.00 (H:3)	W:1.00 (H:3)	W:1.00 (H:3)	W:1.00 (H:3)	W:1.00 (H:3)	W:1.00 (H:3)	W:1.00 (H:3)	W:1.00 (H:3)	(H:2.4)
750lb	0.004-0.008	W:1.11 (H:3)	101NH-750lb	W:1.00 (H:3)	W:1.00 (H:3)	W:1.00 (H:3)	W:1.00 (H:3)	W:1.00 (H:3)	W:1.00 (H:3)	W:1.00 (H:3)	W:1.00 (H:3)	W:1.00 (H:3)	W:1.00 (H:3)	W:1.00 (H:3)	W:1.00 (H:3)	W:1.00 (H:3)	(H:2.4)
1Klb	0.004-0.007	W:1.11 (H:3)	101NH-1Klb	W:1.00 (H:3)	W:1.00 (H:3)	W:1.00 (H:3)	W:1.00 (H:3)	W:1.00 (H:3)	W:1.00 (H:3)	W:1.00 (H:3)	W:1.00 (H:3)	W:1.00 (H:3)	W:1.00 (H:3)	W:1.00 (H:3)	W:1.00 (H:3)	W:1.00 (H:3)	(H:2.4)
1.5Klb	0.005-0.009	W:1.11 (H:3)	101NH-1.5Klb	W:1.00 (H:3)	W:1.00 (H:3)	W:1.00 (H:3)	W:1.00 (H:3)	W:1.00 (H:3)	W:1.00 (H:3)	W:1.00 (H:3)	W:1.00 (H:3)	W:1.00 (H:3)	W:1.00 (H:3)	W:1.00 (H:3)	W:1.00 (H:3)	W:1.00 (H:3)	(H:2.4)
2Klb	0.007-0.011	W:1.11 (H:3)	101NH-2Klb	W:1.00 (H:3)	W:1.00 (H:3)	W:1.00 (H:3)	W:1.00 (H:3)	W:1.00 (H:3)	W:1.00 (H:3)	W:1.00 (H:3)	W:1.00 (H:3)	W:1.00 (H:3)	W:1.00 (H:3)	W:1.00 (H:3)	W:1.00 (H:3)	W:1.00 (H:3)	(H:2.4)
2.5Klb	0.009-0.012	W:1.11 (H:3)	101NH-2.5Klb	W:1.00 (H:3)	W:1.00 (H:3)	W:1.00 (H:3)	W:1.00 (H:3)	W:1.00 (H:3)	W:1.00 (H:3)	W:1.00 (H:3)	W:1.00 (H:3)	W:1.00 (H:3)	W:1.00 (H:3)	W:1.00 (H:3)	W:1.00 (H:3)	W:1.00 (H:3)	(H:2.4)
3Klb	0.010-0.014	W:1.11 (H:3)	101NH-3Klb	W:1.00 (H:3)	W:1.00 (H:3)	W:1.00 (H:3)	W:1.00 (H:3)	W:1.00 (H:3)	W:1.00 (H:3)	W:1.00 (H:3)	W:1.00 (H:3)	W:1.00 (H:3)	W:1.00 (H:3)	W:1.00 (H:3)	W:1.00 (H:3)	W:1.00 (H:3)	(H:2.4)
5Klb	0.012-0.016	W:1.11 (H:3)	101NH-5Klb	W:1.00 (H:3)	W:1.00 (H:3)	W:1.00 (H:3)	W:1.00 (H:3)	W:1.00 (H:3)	W:1.00 (H:3)	W:1.00 (H:3)	W:1.00 (H:3)	W:1.00 (H:3)	W:1.00 (H:3)	W:1.00 (H:3)	W:1.00 (H:3)	W:1.00 (H:3)	(H:2.4)
10Klb	0.014-0.018	W:1.11 (H:3)	101NH-10Klb	W:1.00 (H:3)	W:1.00 (H:3)	W:1.00 (H:3)	W:1.00 (H:3)	W:1.00 (H:3)	W:1.00 (H:3)	W:1.00 (H:3)	W:1.00 (H:3)	W:1.00 (H:3)	W:1.00 (H:3)	W:1.00 (H:3)	W:1.00 (H:3)	W:1.00 (H:3)	(H:2.4)
15Klb	0.014-0.018	W:1.25 (H:3)	101NH-15Klb	W:1.5 (H:3)	W:1.5 (H:3)	W:1.5 (H:3)	W:1.5 (H:3)	W:1.5 (H:3)	W:1.5 (H:3)	W:1.5 (H:3)	W:1.5 (H:3)	W:1.5 (H:3)	W:1.5 (H:3)	W:1.5 (H:3)	W:1.5 (H:3)	W:1.5 (H:3)	(H:2.4)
20Klb	0.015-0.019	W:1.25 (H:3)	101NH-20Klb	W:1.5 (H:3)	W:1.5 (H:3)	W:1.5 (H:3)	W:1.5 (H:3)	W:1.5 (H:3)	W:1.5 (H:3)	W:1.5 (H:3)	W:1.5 (H:3)	W:1.5 (H:3)	W:1.5 (H:3)	W:1.5 (H:3)	W:1.5 (H:3)	W:1.5 (H:3)	(H:2.4)
25Klb	0.015-0.019	W:1.25 (H:3)	101NH-25Klb	W:1.5 (H:3)	W:1.5 (H:3)	W:1.5 (H:3)	W:1.5 (H:3)	W:1.5 (H:3)	W:1.5 (H:3)	W:1.5 (H:3)	W:1.5 (H:3)	W:1.5 (H:3)	W:1.5 (H:3)	W:1.5 (H:3)	W:1.5 (H:3)	W:1.5 (H:3)	(H:2.4)
30Klb	0.015-0.019	W:1.25 (H:3)	101NH-30Klb	W:1.5 (H:3)	W:1.5 (H:3)	W:1.5 (H:3)	W:1.5 (H:3)	W:1.5 (H:3)	W:1.5 (H:3)	W:1.5 (H:3)	W:1.5 (H:3)	W:1.5 (H:3)	W:1.5 (H:3)	W:1.5 (H:3)	W:1.5 (H:3)	W:1.5 (H:3)	(H:2.4)
35Klb	0.015-0.019	W:1.25 (H:3)	101NH-35Klb	W:1.5 (H:3)	W:1.5 (H:3)	W:1.5 (H:3)	W:1.5 (H:3)	W:1.5 (H:3)	W:1.5 (H:3)	W:1.5 (H:3)	W:1.5 (H:3)	W:1.5 (H:3)	W:1.5 (H:3)	W:1.5 (H:3)	W:1.5 (H:3)	W:1.5 (H:3)	(H:2.4)
40Klb	0.015-0.019	W:1.25 (H:3)	101NH-40Klb	W:1.5 (H:3)	W:1.5 (H:3)	W:1.5 (H:3)	W:1.5 (H:3)	W:1.5 (H:3)	W:1.5 (H:3)	W:1.5 (H:3)	W:1.5 (H:3)	W:1.5 (H:3)	W:1.5 (H:3)	W:1.5 (H:3)	W:1.5 (H:3)	W:1.5 (H:3)	(H:2.4)
45Klb	0.015-0.019	W:1.25 (H:3)	101NH-45Klb	W:1.5 (H:3)	W:1.5 (H:3)	W:1.5 (H:3)	W:1.5 (H:3)	W:1.5 (H:3)	W:1.5 (H:3)	W:1.5 (H:3)	W:1.5 (H:3)	W:1.5 (H:3)	W:1.5 (H:3)	W:1.5 (H:3)	W:1.5 (H:3)	W:1.5 (H:3)	(H:2.4)
50Klb	0.015-0.019	W:1.25 (H:3)	101NH-50Klb	W:1.5 (H:3)	W:1.5 (H:3)	W:1.5 (H:3)	W:1.5 (H:3)	W:1.5 (H:3)	W:1.5 (H:3)	W:1.5 (H:3)	W:1.5 (H:3)	W:1.5 (H:3)	W:1.5 (H:3)	W:1.5 (H:3)	W:1.5 (H:3)	W:1.5 (H:3)	(H:2.4)
55Klb	0.015-0.019	W:1.25 (H:3)	101NH-55Klb	W:1.5 (H:3)	W:1.5 (H:3)	W:1.5 (H:3)	W:1.5 (H:3)	W:1.5 (H:3)	W:1.5 (H:3)	W:1.5 (H:3)	W:1.5 (H:3)	W:1.5 (H:3)	W:1.5 (H:3)	W:1.5 (H:3)	W:1.5 (H:3)	W:1.5 (H:3)	(H:2.4)
60Klb	0.015-0.019	W:1.25 (H:3)	101NH-60Klb	W:1.5 (H:3)	W:1.5 (H:3)	W:1.5 (H:3)	W:1.5 (H:3)	W:1.5 (H:3)	W:1.5 (H:3)	W:1.5 (H:3)	W:1.5 (H:3)	W:1.5 (H:3)	W:1.5 (H:3)	W:1.5 (H:3)	W:1.5 (H:3)	W:1.5 (H:3)	(H:2.4)
65Klb	0.015-0.019	W:1.25 (H:3)	101NH-65Klb	W:1.5 (H:3)	W:1.5 (H:3)	W:1.5 (H:3)	W:1.5 (H:3)	W:1.5 (H:3)	W:1.5 (H:3)	W:1.5 (H:3)	W:1.5 (H:3)	W:1.5 (H:3)	W:1.5 (H:3)	W:1.5 (H:3)	W:1.5 (H:3)	W:1.5 (H:3)	(H:2.4)
70Klb	0.015-0.019	W:1.25 (H:3)	101NH-70Klb	W:1.5 (H:3)	W:1.5 (H:3)	W:1.5 (H:3)	W:1.5 (H:3)	W:1.5 (H:3)	W:1.5 (H:3)	W:1.5 (H:3)	W:1.5 (H:3)	W:1.5 (H:3)	W:1.5 (H:3)	W:1.5 (H:3)	W:1.5 (H:3)	W:1.5 (H:3)	(H:2.4)
75Klb	0.015-0.019	W:1.25 (H:3)	101NH-75Klb	W:1.5 (H:3)	W:1.5 (H:3)	W:1.5 (H:3)	W:1.5 (H:3)	W:1.5 (H:3)	W:1.5 (H:3)	W:1.5 (H:3)	W:1.5 (H:3)	W:1.5 (H:3)	W:1.5 (H:3)	W:1.5 (H:3)	W:1.5 (H:3)	W:1.5 (H:3)	(H:2.4)
80Klb	0.015-0.019	W:1.25 (H:3)	101NH-80Klb	W:1.5 (H:3)	W:1.5 (H:3)	W:1.5 (H:3)	W:1.5 (H:3)	W:1.5 (H:3)	W:1.5 (H:3)	W:1.5 (H:3)	W:1.5 (H:3)	W:1.5 (H:3)	W:1.5 (H:3)	W:1.5 (H:3)	W:1.5 (H:3)	W:1.5 (H:3)	(H:2.4)
85Klb	0.015-0.019	W:1.25 (H:3)	101NH-85Klb	W:1.5 (H:3)	W:1.5 (H:3)	W:1.5 (H:3)	W:1.5 (H:3)	W:1.5 (H:3)	W:1.5 (H:3)	W:1.5 (H:3)	W:1.5 (H:3)	W:1.5 (H:3)	W:1.5 (H:3)	W:1.5 (H:3)	W:1.5 (H:3)	W:1.5 (H:3)	(H:2.4)
90Klb	0.015-0.019	W:1.25 (H:3)	101NH-90Klb	W:1.5 (H:3)	W:1.5 (H:3)	W:1.5 (H:3)	W:1.5 (H:3)	W:1.5 (H:3)	W:1.5 (H:3)	W:1.5 (H:3)	W:1.5 (H:3)	W:1.5 (H:3)	W:1.5 (H:3)	W:1.5 (H:3)	W:1.5 (H:3)	W:1.5 (H:3)	(H:2.4)
95Klb	0.015-0.019	W:1.25 (H:3)	101NH-95Klb	W:1.5 (H:3)	W:1.5 (H:3)	W:1.5 (H:3)	W:1.5 (H:3)	W:1.5 (H:3)	W:1.5 (H:3)	W:1.5 (H:3)	W:1.5 (H:3)	W:1.5 (H:3)	W:1.5 (H:3)	W:1.5 (H:3)	W:1.5 (H:3)	W:1.5 (H:3)	(H:2.4)
100Klb	0.015-0.019	W:1.25 (H:3)	101NH-100Klb	W:1.5 (H:3)	W:1.5 (H:3)	W:1.5 (H:3)	W:1.5 (H:3)	W:1.5 (H:3)	W:1.5 (H:3)	W:1.5 (H:3)	W:1.5 (H:3)	W:1.5 (H:3)	W:1.5 (H:3)	W:1.5 (H:3)	W:1.5 (H:3)	W:1.5 (H:3)	(H:2.4)
110Klb	0.015-0.019	W:1.25 (H:3)	101NH-110Klb	W:1.5 (H:3)	W:1.5 (H:3)	W:1.5 (H:3)	W:1.5 (H:3)	W:1.5 (H:3)	W:1.5 (H:3)	W:1.5 (H:3)	W:1.5 (H:3)	W:1.5 (H:3)	W:1.5 (H:3)	W:1.5 (H:3)	W:1.5 (H:3)	W:1.5 (H:3)	(H:2.4)
120Klb	0.015-0.019	W:1.25 (H:3)	101NH-120Klb	W:1.5 (H:3)	W:1.5 (H:3)	W:1.5 (H:3)	W:1.5 (H:3)	W:1.5 (H:3)	W:1.5 (H:3)	W:1.5 (H:3)	W:1.5 (H:3)	W:1.5 (H:3)	W:1.5 (H:3)	W:1.5 (H:3)	W:1.5 (H:3)	W:1.5 (H:3)	(H:2.4)
130Klb	0.015-0.019	W:1.25 (H:3)	101NH-130Klb	W:1.5 (H:3)	W:1.5 (H:3)	W:1.5 (H:3)	W:1.5 (H:3)	W:1.5 (H:3)	W:1.5 (H:3)	W:1.5 (H:3)	W:1.5 (H:3)	W:1.5 (H:3)	W:1.5 (H:3)	W:1.5 (H:3)	W:1.5 (H:3)	W:1.5 (H:3)	(H:2.4)
140Klb	0.015-0.019	W:1.25 (H:3)	101NH-140Klb	W:1.5 (H:3)	W:1.5 (H:3)	W:1.5 (H:3)	W:1.5 (H:3)	W:1.5 (H:3)	W:1.5 (H:3)	W:1.5 (H:3)	W:1.5 (H:3)	W:1.5 (H:3)	W:1.5 (H:3)	W:1.5 (H:3)	W:1.5 (H:3)	W:1.5 (H:3)	(H:2.4)
150Klb	0.015-0.019	W:1.25 (H:3)	101NH-150Klb	W:1.5 (H:3)	W:1.5 (H:3)	W:1.5 (H:3)	W:1.5 (H:3)	W:1.5 (H:3)	W:1.5 (H:3)	W:1.5 (H:3)	W:1.5 (H:3)	W:1.5 (H:3)	W:1.5 (H:3)	W:1.5 (H:3)	W:1.5 (H:3)	W:1.5 (H:3)	(H:2.4)
160Klb	0.015-0.019	W:1.25 (H:3)	101NH-160Klb	W:1.5 (H:3)	W:1.5 (H:3)	W:1.5 (H:3)	W:1.5 (H:3)	W:1.5 (H:3)	W:1.5 (H:3)	W:1.5 (H:3)	W:1.5 (H:3)	W:1.5 (H:3)	W:1.5 (H:3)	W:1.5 (H:3)	W:1.5 (H:3)	W:1.5 (H:3)	(H:2.4)
170Klb	0.015-0.019	W:1.25 (H:3)	101NH-170Klb	W:1.5 (H:3)	W:1.5 (H:3)	W:1.5 (H:3)	W:1.5 (H:3)	W:1.5 (H:3)	W:1.5 (H:3)	W:1.5 (H:3)	W:1.5 (H:3)	W:1.5 (H:3)	W:1.5 (H:3)	W:1.5 (H:3)	W:1.5 (H:3)	W:1.5 (H:3)	(H:2.4)
180Klb	0.015-0.019	W:1.25 (H:3)	101NH-180Klb	W:1.5 (H:3)	W:1.5 (H:3)	W:1.5 (H:3)	W:1.5 (H:3)	W:1.5 (H:3)	W:1.5 (H:3)	W:1.5 (H:3)	W:1.5 (H:3)	W:1.5 (H:3)	W:1.5 (H:3)	W:1.5 (H:3)	W:1.5 (H:3)	W:1.5 (H:3)	(H:2.4)
190Klb	0.015-0.019	W:1.25 (H:3)	101NH-190Klb	W:1.5 (H:3)	W:1.5 (H:3)	W:1.5 (H:3)	W:1.5 (H:3)	W:1.5 (H:3)	W:1.5 (H:3)	W:1.5 (H:3)	W:1.5 (H:3)	W:1.5 (H:3)	W:1.5 (H:3)	W:1.5 (H:3)	W:1.5 (H:3)	W:1.5 (H:3)	(H:2.4)
200Klb	0.015-0.019	W:1.25 (H:3)	101NH-200Klb	W:1.5 (H:3)	W:1.5 (H:3)	W:1.5 (H:3)	W:1.5 (H:3)	W:1.5 (H:3)	W:1.5 (H:3)	W:1.5 (H:3)	W:1.5 (H:3)	W:1.5 (H:3)	W:1.5 (H:3)	W:1.5 (H:3)	W:1.5 (H:3)	W:1.5 (H:3)	(H:2.4)
220Klb	0.015-0.019	W:1.25 (H:3)	101NH-220Klb	W:1.5 (H:3)	W:1.5 (H:3)	W:1.5 (H:3)	W:1.5 (H:3)	W:1.5 (H:3)	W:1.5 (H:3)	W:1.5 (H:3)	W:1.5 (H:3)	W:1.5 (H:3)	W:1.5 (H:3)	W:1.5 (H:3)	W:1.5 (H:3)	W:1.5 (H:3)	(H:2.4)
240Klb	0.015-0.019	W:1.25 (H:3)	101NH-240Klb	W:1.5 (H:3)	W:1.5 (H:3)	W:1.5 (H:3)	W:1.5 (H:3)	W:1.5 (H:3)	W:1.5 (H:3)	W:1.5 (H:3)	W:1.5 (H:3)	W:1.5 (H:3)	W:1.5 (H:3)	W:1.5 (H:3)	W:1.5 (H:3)	W:1.5 (H:3)	(H:2.4)
260Klb	0.015-0.019	W:1.25 (H:3)	101NH-260Klb	W:1.5 (H:3)	W:1.5 (H:3)	W:1.5 (H:3)	W:1.5 (H:3)	W:1.5 (H:3)	W:1.5 (H:3)	W:1							

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

● 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 customer service.

www.anyload.com

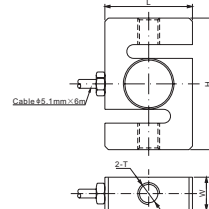
© 2026 ANYLOAD V1 dimensions and specifications subject to change without notice

ANYLOAD

ANYLOAD

101NH-LE

Alloy Steel



PART NUMBER	RATED CAPACITY	H	L	W	W1	T
	lb/inches					
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	-	1/2-20 UNF
101NH-06-5Klb-1m	5,000	3.90	3.00	0.96	-	1/2-20 UNF

SPECIFICATIONS		Recommended Excitation		10V (15V Maximum)	
Full Scale Output	3.0 mV/V ± 0.25%	Insulation Resistance	>2 50V DC | G0		
Zero Balance	±0.02 mV/V	Compensated Temperature Range	-10°C to 50°C / 14°F to 122°F		
Non-linearity	<±0.03%	Safe Overload	150% of full scale		
Repeatability	<±0.01%	Breaking Overload	300% of full scale		
Hysteresis Error	<±0.02%	Seal Type / IP Rating	Environmentally Sealed / IP67		
Creep in 30 min.	<±0.02%	Seal Type / IP Rating	Cap. ≥ 500lb: Environmentally Sealed / IP66		
Input Resistance	385Ω ± 10	Seal Type / IP Rating	Cap. ≥ 750lb: Environmentally Sealed / IP67		
Output Resistance	350Ω ± 3	Cable Color Code	Exc+ Red Sig+ Green Shield Bare		
Element Material	Alloy Steel, Nickel Plated				

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

*Interchangeable to 101NH-LE5Klb, 101NH-LE10Klb

NTEP 1:5 000 Class III, Multiple Cell

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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S-BEAMS

108AA

Aluminum

ANYLOAD



CE ATEX RoHS

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 Depth6	M4
1-2	28	12	8	92	4	12	22	12	4	M4 Depth8	M4
3-5	28	12	8	92	4	12	22	14	4	M4 Depth8	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 Depth0.24	M4
2.2-4.4	1.10	0.47	0.31	3.62	0.16	0.47	0.87	0.47	0.16	M4 Depth0.31	M4
6.6-11	1.10	0.47	0.31	3.62	0.16	0.47	0.87	0.55	0.16	M4 Depth0.31	M4

SPECIFICATIONS			
Full Scale Output	Capacity<500g: 1.0 mV/V ± 20% Capacity≥1kg: 2.0 mV/V ± 20%	Recommended Excitation	10V (15V Maximum)
Zero Balance	± 0.02 mV/V	Reference Max. Platform Size	Capacity<500g: 200×200 mm Capacity≥1kg: 230×230 mm
Non-linearity	Cap.<500g: <± 0.023%, Cap.≥1kg: <± 0.017%	Insulation Resistance	>2 | 50V DC | G/D
Repeatability	Cap.<500g: <± 0.023%, Cap.≥1kg: <± 0.017%	Nominal Temperature Range	-10°C to 40°C / 14°F to 104°F
Hysteresis Error	Cap.<500g: <± 0.023%, Cap.≥1kg: <± 0.017%	Safe Overload	150% of full scale
Crawl in 30 min.	Cap.<500g: <± 0.050%, Cap.≥1kg: <± 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 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.

1kg-Sig: OIML C3

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

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ANYLOAD

108AA3MUN

Aluminum, Precision High Moment Load Cell



CE ATEX RoHS

DIMENSIONS

RATED CAPACITY	H	H1	H2	H3	L	L1	L2	L3	L4	L5	W	T
kg/mm												
3-90	62.0	56.0	13.6	25.4	118.0	7.5	19.1	65.0	32.0	96.5	25.5	1/4-20UNC Depth19
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 Depth19

SPECIFICATIONS			
Full Scale Output	2.0 mV/V ± 0.25%	Recommended Torque	3 to 30kg: 7Nm(62in-lb) 50 and 90kg: 10Nm(90in-lb)
Zero Balance	± 0.02 mV/V	Reference Max. Platform Size	350×350 mm
Non-linearity	< ± 0.03%	Insulation Resistance	>2 | 50V DC | G/D
Repeatability	< ± 0.03%	Nominal Temperature Range	-10°C to 40°C / 14°F to 104°F
Hysteresis Error	< ± 0.03%	Safe Overload	150% of full scale
Crawl in 30 min.	< ± 0.03%	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+ Green Exc- 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

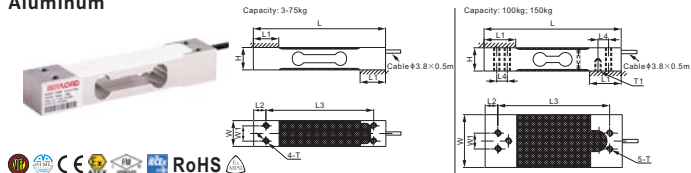
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SINGLE POINTS

108BA

Aluminum



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	-
50-60; 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 Depth 10
lb/inches (conversion of above dimensions)										
6.81-66.14	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 Depth 0.39

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 × 400 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
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 Shield Bare
Element Material	Aluminum, Clear Anodized		

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 Cेल्टрон	LPS ME 6-35kg
Vishay TedeA-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=29 000;
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

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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)									
6.61-220.46	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 × 350 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
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 Shield Bare
Element Material	Aluminum, Clear Anodized		

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=29 000;
50kg-100kg: OIML MAA C6, Y=29 000

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

INTERCHANGEABLE REFERENCE

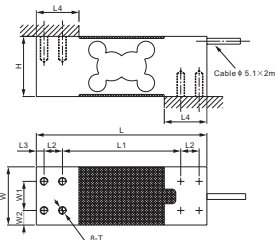
Brand	Model
Vishay TedeA-Huntleigh	1030

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108CA

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 × 700 mm
Non-linearity	≤ ± 0.017%	Insulation Resistance	> 2 I 50V DC I G O
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 / IP68
Output Resistance	350 Ω ± 3	Cable Color Code	Exc+ Red Exc- Black Sig+ Green Sig- White Shield Bare
Element Material	Aluminum, Clear Anodized		

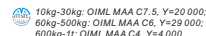
PART NUMBER*

Rated Capacity	Part No.	Weight Approx. (kg)
10kg	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



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

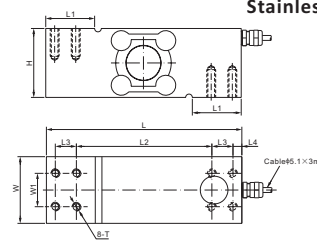
AVAILABLE OPTIONS

■ Stainless steel version: 651KSCS

ANYLOAD

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 × 700 mm
Non-linearity	≤ ± 0.03%	Insulation Resistance	> 2 I 50V DC I G O
Repeatability	≤ ± 0.02%	Nominal Temperature Range	-10°C to 60°C / 14°F to 122°F
Hysteresis Error	≤ ± 0.02%	Safe Overload	150% of full scale
Creep in 30 min.	≤ ± 0.03%	Breaking Overload	300% of full scale
Input Resistance	3850 ± 15	Seal Type / IP Rating	Welded Seal / IP68
Output Resistance	350 Ω ± 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)
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.



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

AVAILABLE OPTIONS

■ Aluminum version: 108CA

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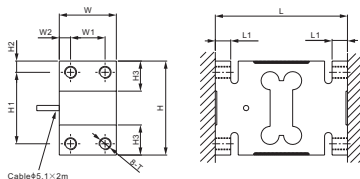
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108DA

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
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	350 Ω ± 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)
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 1:5 000 Class III, Single Cell

OIML MAA C6, Y=15 000

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

INTERCHANGEABLE REFERENCE

Brand	Model
Vishay Celtron	HO-C
Vishay Tedea-Huntleigh	1320*
Flintec	PC81*

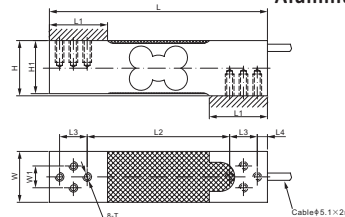
* Cable length and cable color code may not be the same

ANYLOAD

ANYLOAD

108EA

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 Depth 15
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 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	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
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	350 Ω ± 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	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

30kg: OIML MAA C7.5, Y=20 000;

60kg-300kg: OIML MAA C6, Y=29 000

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

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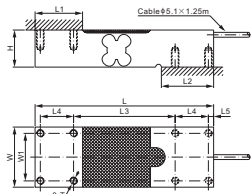
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108HAUN

Aluminum

ANYLOAD



DIMENSIONS

RATED CAPACITY	H	L	L1	L2	L3	L4	L5	W	W1	T
kg/mm										
50-1,000	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
Crawl 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)
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.

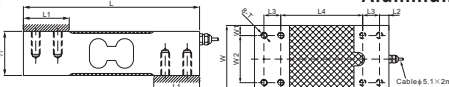
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ANYLOAD

108JA; 108JA-21

Aluminum



RATED CAPACITY	H	L	L1	L2	L3	L4	W	W1	W2	T
kg/mm										
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	38.5	6.0	25.0	118.0	75.0	12.5	50.0	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	1.52	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
kg/mm										
30-250	38.0	150.0	44.0	6.3	25.4	86.6	38.0	-	25.4	M6 Depth 15
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 Capacity: 150-400kg: 600 × 600 mm Capacity: 500kg-2t: 900 × 900 mm 108JA-21: 500 × 500 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%		
Crawl in 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.

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PART NUMBER

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

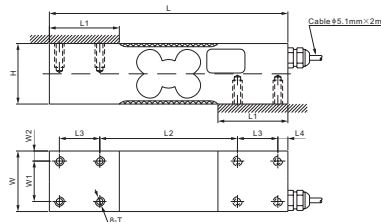
SINGLE POINTS

SINGLE POINTS

108LAMT

Aluminum

ANYLOAD



CE ATEX FM 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 I/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	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	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

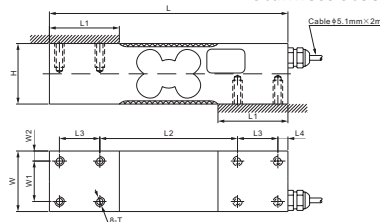
AVAILABLE OPTIONS

■ Stainless Steel version: 108LSMT

ANYLOAD

108LSMT

Stainless Steel



CE ATEX FM 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 I/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	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)
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

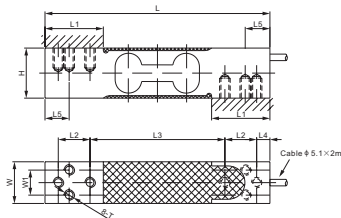
108KS; 108KSUN

Stainless Steel

ANYLOAD



CE RoHS



DIMENSIONS

RATED CAPACITY	H	L	L1	L2	L3	L4	L5	W	W1	T
108KS: kg/mm	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
108KSUN: kg/mm	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

SPECIFICATIONS

Full Scale Output	2.0 mV/V ± 0.05%	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] 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	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)
4kg	108KS-4kg-YZ	0.65
7kg	108KSUN-4kg-YZ	0.65
10kg	108KS-7kg-YZ	0.65
15kg	108KS-10kg-YZ	0.65
20kg	108KSUN-10kg-YZ	0.65
30kg	108KS-15kg-YZ	0.65
50kg	108KSUN-15kg-YZ	0.65
75kg	108KS-20kg-YZ	0.65
100kg	108KSUN-20kg-YZ	0.65
150kg	108KS-30kg-YZ	0.65
	108KSUN-30kg-YZ	0.65
	108KS-50kg-YZ	0.65
	108KSUN-50kg-YZ	0.65
	108KS-75kg-YZ	0.65
	108KSUN-75kg-YZ	0.65
	108KS-100kg-YZ	0.65
	108KSUN-100kg-YZ	0.65
	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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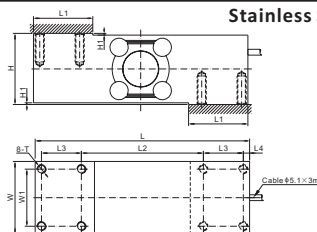
ANYLOAD

651KS55UN

Stainless Steel



CE RoHS



DIMENSIONS

RATED CAPACITY	H	H1	L	L1	L2	L3	L4	W	W1	T
651KS55UN: kg/mm	50-300	62.3	1.5	188.0	52.0	107.0	35.0	5.5	63.5	50.0
lb/inches (conversion of above dimensions)	110.23-660.31	2.45	0.06	7.40	2.04	4.21	1.38	0.22	2.50	1.97

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	610 x 700 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
651KS55UN	
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 1:5 000 Class III, Single Cell;

OIML MAA C5, Y=12 300;

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

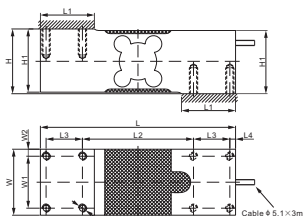
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SINGLE POINTS

108MA; 108MAUN

Aluminum



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 (Emax)	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 (nmix)		3000 4000
Y		12300
Temperature effect on zero balance	%/°C/K	±0.0012 ±0.00114 ±0.000875
Temperature effect on sensitivity	%/°C/K	±0.0012 ±0.00114 ±0.000875
Non-linearity	%/Cn	±0.017 ±0.010
Hysteresis Error	%/Cn	±0.017 ±0.012
Creep error (30min)/Dr	%/Cn	±0.017 ±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 (Elim)	%/Emax	150
Breaking overload	%/Emax	300
Safe side load	%/Emax	100
Nominal temperature range	°C / °F	-10 to 40 / 14 to 104
Element Material		Aluminum, Clear Anodized
Seal type / IP rating		Environmentally Sealed / IP68
Color code		Exc+ Red Exc- Black Sig+ Green Sig- White

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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

*ATEM, 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 RLPWM16

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

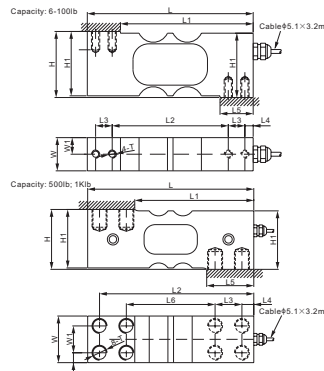
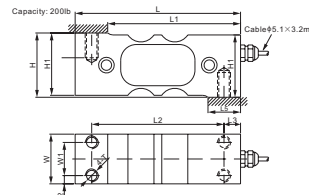
For further definition of P/N's & specifications per NTEP/OIML classes, please contact us.

AVAILABLE OPTION

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



CE ATEX IECEx 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

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
Non-linearity	≤ ± 0.017%		Cap. > 200lb: 500 × 550 mm
Repeatability	≤ ± 0.017%		Cap. > 500lb: 650 × 700 mm
Hysteresis Error	≤ ± 0.017%	Insulation Resistance	> 2 50V DC / G G
Creep in 30 min.	≤ ± 0.023%	Compensated Temperature Range	-10°C to 40°C / 14°F to 104°F
Input Resistance	385Ω ± 15	Safe Overload	150% of full scale
Output Resistance	350Ω ± 3	Breaking Overload	300% of full scale
Element Material	2Cr13 Stainless Steel	Seal Type / IP Rating	Environmentally Sealed / IP66
		Cable Color Code	Exc+ Red Exc- Black Sig+ Green Sig- White Shield Bare

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

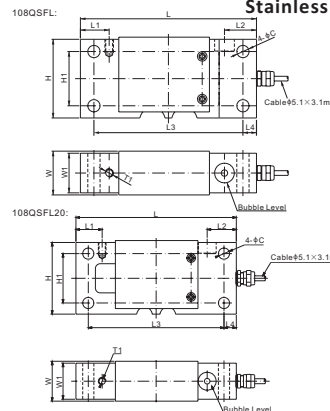
Brand	Model
Cardinal.....	SP 6-100lb*
Cardinal.....	SP 200, 500, 1000lb
Coti Global.....	CG-SPL/CG-SPLM

* SP 6-100lb is of aluminum construction

* ATEX, FEM, IECEx approved versions carry the "-Ex" suffix. www.anyload.com
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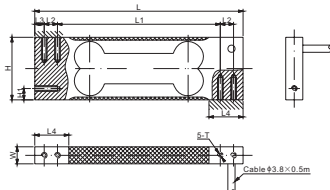
CE ATEX IECEx RoHS



108PA

Aluminum

ANYLOAD

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	> 2 (50V DC) GΩ
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
Creep in 30 min.	Cap < 1kg: ≤ ± 0.050%; Cap ≥ 1kg: ≤ ± 0.023%	Breaking Overload	300% of full scale
Input Resistance	415Ω ± 15	Seal Type / IP Rating	Environmentally Sealed / IP66
Output Resistance	360Ω ± 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)
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

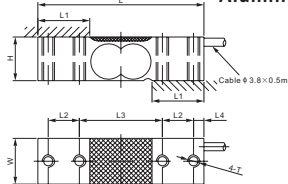
1kg-6kg: OIML C3

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

ANYLOAD

108SA

Aluminum

DIMENSIONS

RATED CAPACITY	H	L	L1	L2	L3	L4	W	T
kg/mm								
6-30	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) GΩ
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
Creep 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		

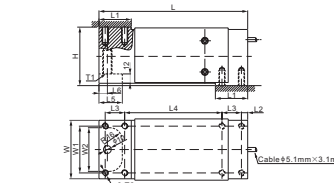
PART NUMBER*

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)	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)	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%; 108UAUN-300kg-01: 2.0 mV/V ± 0.1%
Zero Balance	± 0.02 mV/V
Non-linearity	< ± 0.017%
Repeatability	< ± 0.017%
Hysteresis Error	< ± 0.017%
Creep in 30 min.	< ± 0.023%
Input Resistance	4150 ± 15
Output Resistance	3500 ± 3
Element Material	Aluminum, Clear Anodized
Recommended Excitation	10V (15V Maximum)
Reference Max. Platform Size	750 x 750 mm
Insulation Resistance	> 2 | 50V DC | GΩ
Nominal Temperature Range	-10°C to 40°C / 14°F to 104°F
Safe Overload	150% of full scale
Breaking Overload	300% of full scale
Seal Type / IP Rating	Environmentally Sealed / IP66
Cable Color Code	Exc+ Red Exc- Black Sig+ Green Sig- White Shield Bare

PART NUMBER*		INTERCHANGEABLE REFERENCE	
Rated Capacity	Part No.	108UA Brand	Model
30kg.....	108UAUN-30kg-NP.....	Cardinal.....	CHB*
50kg.....	108UA-50kg.....	108UAUN Brand	Model
100kg.....	108UAUN-50kg.....	ANYLOAD.....	6518AUN
100kg.....	108UA-100kg.....	Cott Global.....	CO-50
150kg.....	108UAUN-100kg.....	FLINTEC.....	PCB**
150kg.....	108UA-150kg.....	HBM.....	PW12B
200kg.....	108UAUN-150kg.....	HBM.....	PW12
200kg.....	108UA-200kg.....	Rice Lake.....	RL1250
300kg.....	108UAUN-200kg.....	Rice Lake.....	RL1218A
300kg.....	108UA-300kg.....	Vishay Celtron.....	LOC
300kg.....	108UAUN-300kg.....	Vishay Revere Transducers.....	652
500kg.....	108UAUN-300kg-01.....	Vishay Sensorionics.....	60060
500kg.....	108UA-500kg.....	Vishay Tedea-Huntleigh.....	1250
635kg.....	108UA-635kg.....		
635kg.....	108UAUN-635kg.....		
700kg.....	108UA-700kg.....		
700kg.....	108UAUN-700kg.....		
1t.....	108UA-1t.....		
1.5t.....	108UAUN-1t.....		
1.5t.....	108UAUN-1.5t.....		

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

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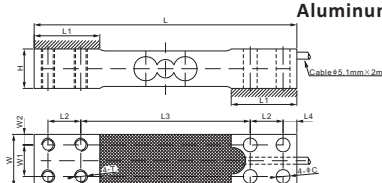
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ANYLOAD

108TAYM; 108TAYM-01

Aluminum



DIMENSIONS

RATED CAPACITY	C	H	L	L1	L2	L3	L4	W	W1	W2	T
75-300 kg/mm 15-60	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)	0.41	1.18	7.87	1.97	0.98	5.08	0.41	1.57	0.94	0.31	M10

SPECIFICATIONS		RECOMMENDED EXCITATION	
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 | 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.	< ± 0.016%	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*		INTERCHANGEABLE REFERENCE	
Rated Capacity	Part No.	Brand	Model
75kg.....	108TAYM-75kg.....	108TAYM	Model
150kg.....	108TAYM-75kg-01.....	Scale Model & Cap.	Load Cell Cap.
150kg.....	108TAYM-150kg.....	Yamato.....	6100-30kg.....
150kg.....	108TAYM-150kg-01.....	Yamato.....	6100-60kg.....
300kg.....	108TAYM-150kg-01.....	Yamato.....	6100-150kg.....
300kg.....	108TAYM-300kg.....	108TAYM-01	Model
300kg.....	108TAYM-300kg-01.....	Yamato.....	6200-30kg.....
		Yamato.....	6200-60kg.....
		Yamato.....	6200-150kg.....

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

OIML C3
For further available P/N's & specifications per OIML classes, please contact us.

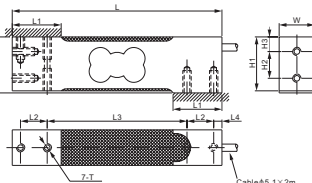
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108TA; 108TAUN

Aluminum

ANYLOAD



DIMENSIONS

RATED CAPACITY	H	H1	H2	H3	L	L1	L2	L3	L4	W	T
108TA, 108TA-A1, 108TA-A2:											
kg/mm	3-200	40.0	38.5	19.1	10.5	150.0	35.0	19.1	100.0	5.9	25.4
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
M6 Depth 16											
108TAUN, 108TAUN-A1, 108TAUN-A2:											
kg/mm	3-200	40.0	38.5	19.1	10.5	150.0	35.0	19.1	100.0	5.9	25.4
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 Depth 16											
1/4-20UNC-2B Depth 0.6											

SPECIFICATIONS

Maximum Capacity (Emax)	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 (nmax)		3000	4000	5000
Y			12300	
Temperature effect on zero balance	%Cn/K	±0.00114		
Temperature effect on sensitivity	%Cn/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
Crawl 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 (Elim)	%Emax	150		
Breaking overload	%Emax	300		
Safe side load	%Emax	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		

ANYLOAD

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

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

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 1:5 000 Class III, Single Cell

OIML 3kg: OIML C3

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

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 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

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

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
Colli Global	CG-42
HBM	SP4
Rice Lake	RL1042
Rice Lake	RLSP4
Rice Lake	RL42018A
Vishay Revere Transducers	.642C
Vishay TedeA-Huntleigh	.1042(imperial threads)

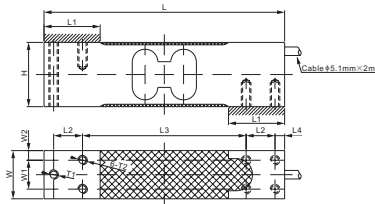
108TAAD

Aluminum

ANYLOAD



CE ATEX FM 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	4150 ± 15	Cable Color Code	Exc+ Red Exc- Black
Output Resistance	3500 ± 3		Sig+ Green Sig- White
Element Material	Aluminum, Clear Anodized		Shield Bare

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

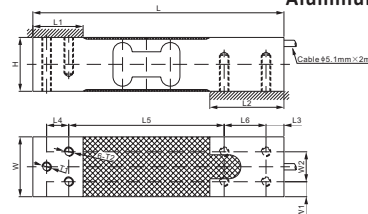
ANYLOAD

108TAAL

Aluminum



CE ATEX FM 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 1.2
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	4150 ± 15	Cable Color Code	Exc+ Red Exc- Black
Output Resistance	3500 ± 3		Sig+ Green Sig- White
Element Material	Aluminum, Clear Anodized		Shield Bare

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

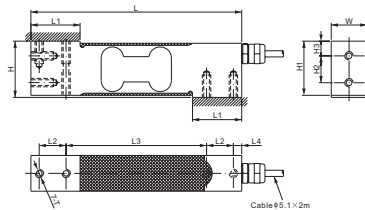
108TS; 108TSUN

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 Depth16
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 Depth16
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 x 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	385Ω ± 15	Seal Type / IP Rating	Environmentally Sealed / IP66
Output Resistance	350Ω ± 4	Cable Color Code	Exc+ Red Exc- Black
Element Material	2Cr13 Stainless Steel	Sign+ Green Sign- White Shield Bare	

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

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

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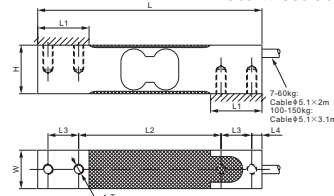
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108TSL

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
39-60	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 x 400 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	385Ω ± 15	Seal Type / IP Rating	Environmentally Sealed / IP66
Output Resistance	350Ω ± 4	Cable Color Code	Exc+ Red Exc- Black
Element Material	2Cr13 Stainless Steel	Sign+ Green Sign- White Shield Bare	

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	RLPC3SS

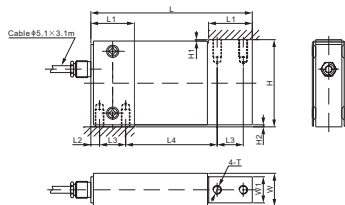
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108TSSST

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 Depth 0.5
kg/mm (conversion of above dimensions)											
4.54-45.4	63.5	1.0	1.5	117.6	31.8	6.40	19.0	66.7	24.1	19.0	1/4-28 UNF-2B Depth 12.7

SPECIFICATIONS

Full Scale Output	2.0 mV/V $\pm 10\%$	Recommended Excitation	10V (15V Maximum)
Zero Balance	± 0.02 mV/V	Reference Max. Platform Size	Capacity ≥ 250 lb: 200 \times 250 mm Capacity ≥ 500 lb: 300 \times 300 mm
Non-linearity	$\leq \pm 0.017\%$	Insulation Resistance	≥ 2 (50V DC) G/G
Repeatability	$\leq \pm 0.017\%$	Compensated Temperature Range	-10°C to 50°C / 14°F to 122°F
Hysteresis Error	$\leq \pm 0.017\%$	Safe Overload	150% of full scale
Creep in 30 min.	$\leq \pm 0.023\%$	Breaking Overload	300% of full scale
Input Resistance	3850 ± 15	Seal Type / IP Rating	Environmentally Sealed / IP66
Output Resistance	3500 ± 5	Cable Color Code	Ex+ Red Ex- 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.

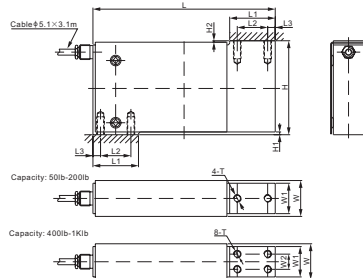
INTERCHANGEABLE REFERENCE

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

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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 Depth 0.75
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 Depth 0.75
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 Depth 0.75
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 Depth 19.0
181.6-227	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 Depth 19.0
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 Depth 19.0

SPECIFICATIONS

Full Scale Output	2.0 mV/V $\pm 10\%$	Recommended Excitation	10V (15V Maximum)
Zero Balance	± 0.02 mV/V	Reference Max. Platform Size	Capacity ≥ 500 lb: 500 \times 500 mm Capacity ≥ 1 Klb: 750 \times 750 mm
Non-linearity	$\leq \pm 0.017\%$	Insulation Resistance	≥ 2 (50V DC) G/G
Repeatability	$\leq \pm 0.017\%$	Compensated Temperature Range	-10°C to 50°C / 14°F to 122°F
Hysteresis Error	$\leq \pm 0.023\%$	Safe Overload	150% of full scale
Creep in 30 min.	$\leq \pm 0.023\%$	Breaking Overload	300% of full scale
Input Resistance	3850 ± 15	Seal Type / IP Rating	Environmentally Sealed / IP66
Output Resistance	3500 ± 5	Cable Color Code	Ex+ Red Ex- 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

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SINGLE POINTS

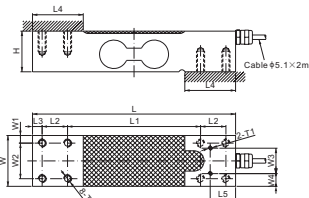
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91

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 Depth5
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] 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	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

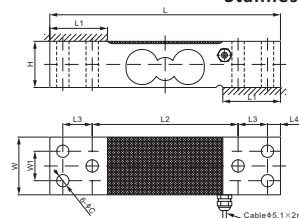
* ATEX, FM, IECEx approved versions carry the "-Ex" suffix.

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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] 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	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

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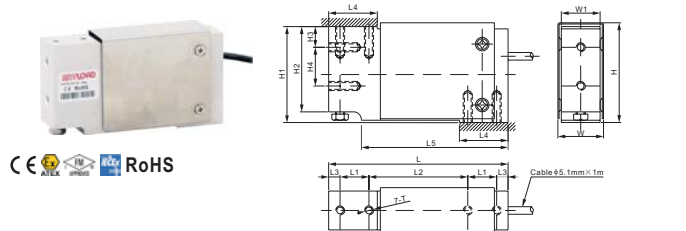
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SINGLE POINTS

651AA;651AAUN

Aluminum



DIMENSIONS													
RATED CAPACITY	H	H1	H2	H3	H4	L	L1	L2	L3	L4	L5	W	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
(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 19													
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
(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 19													
1/4-20UNC-2B Depth 19													

SPECIFICATIONS			
Full Scale Output	2.0 mV/V ± 1%	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) 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 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.

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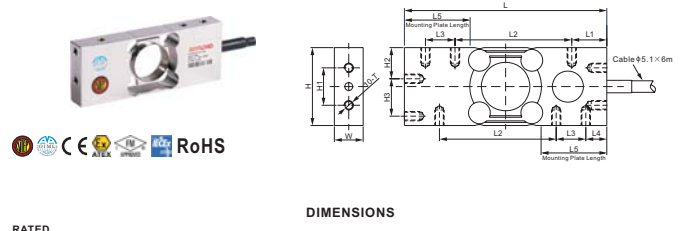
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651HS

Stainless Steel



CAPACITY	H	H1	H2	H3	L	L1	L2	L3	L4	L5	W	T
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
in./inches (conversion of above dimensions)												
1.32-66.14	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) GΩ
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.	≤ ± 0.030%	Breaking Overload	300% of full scale
Input Resistance	3850 ± 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.

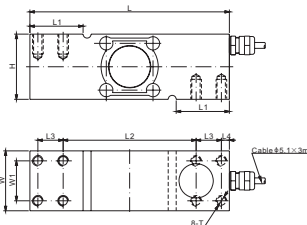
NTEP 1:10 000 Class III, Single Cell;

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

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

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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 Depth 15
lb/inches (conversion of above dimensions)	1.9	5.9	1.6	3.9	0.75	0.2	1.8	1.2	M8 Depth 0.6

SPECIFICATIONS

Full Scale Output	2.0 mV/V ± 10%	Recommended Excitation	10V (15V Maximum)
Zero Balance	± 0.02 mV/V	Reference Max. Platform Size	600 × 600 mm
Non-linearity	< ± 0.03%	Insulation Resistance	> 2 (50V DC) GΩ
Repeatability	< ± 0.03%	Compensated Temperature Range	-10°C to 50°C / 14°F to 122°F
Hysteresis Error	< ± 0.02%	Safe Overload	150% of full scale
Creep in 30 min.	< ± 0.03%	Breaking Overload	300% of full scale
Input Resistance	1100Ω ± 50	Seal Type / IP Rating	Welded Seal / IP68/IP69K
Output Resistance	1000Ω ± 5	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	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

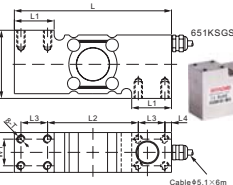
For further available P/N's & specifications per NTEP/OIML classes, please contact us.

INTERCHANGEABLE REFERENCE

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



DIMENSIONS

RATED CAPACITY	H	L	L1	L2	L3	L4	W	W1	T
651KS22: kg/mm									
50-300	65.0	150.0	38.0	86.6	25.4	6.3	38.0	25.4	M8 Depth 16
lb/inches (conversion of above dimensions)	2.56	5.91	1.50	3.41	1.00	0.25	1.50	1.00	M8 Depth 0.63
651KSGS: kg/mm									
100-250	73.0	150.0	38.1	86.5	25.4	6.4	38.0	25.4	M8 Depth 12
lb/inches (conversion of above dimensions)	2.87	5.91	1.50	3.41	1.00	0.25	1.50	1.00	M8 Depth 0.47

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 × 600 mm
Non-linearity	651KS22: < ± 0.03%; 651KSGS: < ± 0.05%	Insulation Resistance	> 2 (50V DC) GΩ
Repeatability	< ± 0.02%	Compensated Temperature Range	-10°C to 50°C / 14°F to 122°F
Hysteresis Error	651KS22: < ± 0.03%; 651KSGS: < ± 0.05%	Safe Overload	150% of full scale
Creep in 30 min.	< ± 0.03%	Breaking Overload	300% of full scale
Input Resistance	385Ω ± 15	Seal Type / IP Rating	Welded Seal / IP68/IP69K
Output Resistance	350Ω ± 3		651KSGS: Environmentally Sealed / IP66
Element Material	17-4PH Stainless Steel	Cable Color Code	Exc+ Red Exc- Black Sig+ Green Sig- White Shield Bare

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

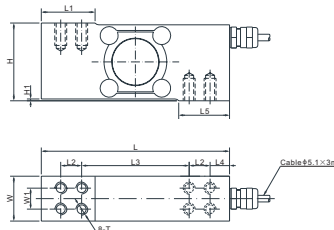
651KS22 Brand	Model
Flintec	PC7*
Mettler-Toledo	SSH
Vishay TedeA-Huntleigh	1510*

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

651KS66

Stainless Steel

ANYLOAD



DIMENSIONS

RATED CAPACITY	H	H1	L	L1	L2	L3	L4	L5	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 Depth15
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 Depth0.59

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	> 2.150V DC / G-O
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/IP69K
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)
10kg.....	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

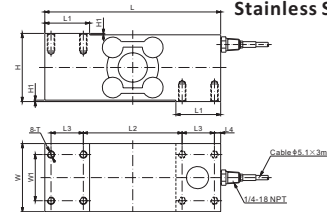
AVAILABLE OPTIONS

■ 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	46.5	107.0	35.0	6.75	73.7	50.0	M8 Depth19.0
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 Depth0.75
651KSBCUN:										
kg/mm										
100-500	73.7	1.50	190.5	46.5	107.0	35.0	6.75	73.7	50.0	5/16-18 UNC Depth19.0
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 Depth0.75

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	> 2.150V DC / G-O
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	1100Ω ± 50	Seal Type / IP Rating	Welded Seal / IP68/IP69K
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)
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 - 500kg: NTEP 1:5,000 Class III, Single Cell

100kg - 500kg: 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, PCBB, PCBC.
Anyload's 651KSBC is interchangeable with PCB metric thread, 651KSBCUN PCB imperial thread.

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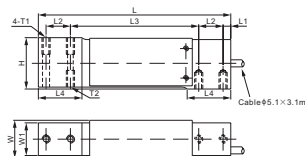
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SINGLE POINTS

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	4150 ± 15	Seal Type / IP Rating	Environmentally Sealed / Potted / 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.	Weight Approx. (kg)
10kg.....	651TA-10kg.....	0.5
15kg.....	651TAUN-10kg.....	0.5
15kg.....	651TA-15kg.....	0.5
20kg.....	651TAUN-15kg.....	0.5
20kg.....	651TA-20kg.....	0.5
30kg.....	651TAUN-20kg.....	0.5
50kg.....	651TA-30kg.....	0.5
50kg.....	651TAUN-30kg.....	0.5
75kg.....	651TA-50kg.....	0.5
75kg.....	651TAUN-50kg.....	0.5
100kg.....	651TA-75kg.....	0.5
100kg.....	651TAUN-75kg.....	0.5
200kg.....	651TA-100kg.....	0.5
200kg.....	651TAUN-100kg.....	0.5
	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 Celftron.....	LOC
Vishay Tedea-Huntleigh.....	1040
	(mounting hole: 1/4"-28UNF)
Vishay Tedea-Huntleigh.....	1041
	(mounting hole: 1/4"-28UNF)

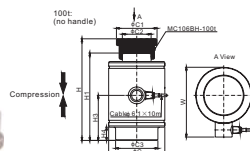
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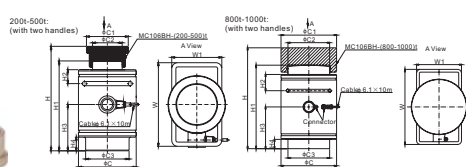
106BH

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	C3	H	H1	H2	H3	H4	W	W1
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	144.0
300	166.0	135.0	100.0	140.0	320.0	275.0	40.0	145.0	47.0	240.0	144.0
500	266.0	175.0	127.0	180.0	425.0	365.0	60.0	192.5	60.0	352.0	144.0
800-1000	240.0	240.0	180.0	180.0	435.0	360.0	70.0	180.0	40.0	324.0	194.0
Kilofinches (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	5.67
661.39	6.54	5.31	3.94	5.51	12.60	10.83	1.57	5.71	1.85	9.45	5.67
1,102.31	10.55	6.89	7.09	7.09	16.73	14.37	2.36	7.58	2.36	13.86	5.67
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	7.64

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	700 ± 5		
Element Material	Alloy Steel, Nickel Plated		

PART NUMBER*

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

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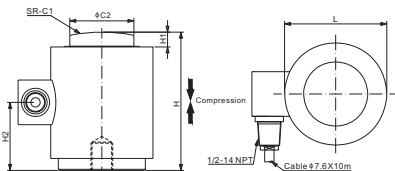
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106CS; 106CS20

Stainless Steel



CE ATEX FM IECEx RoHS



DIMENSIONS

RATED CAPACITY	C1	C2	C3	H	H1	H2	L	T
Kilb/inches								
10-30	6.00	1.25	2.44	3.25	0.39	1.68	2.76	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	17.00	3.13	5.28	7.25	1.04	3.28	5.91	3/4-16 UNF-2B Depth0.98
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 Depth35
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)
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	< ± 0.030%	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	450Ω ± 4.5	Cable Color Code	Exc+ Red Exc- Black Sig+ Green Sig- White Shield Bare
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
15t	106CS-15t-YZ	2.9
25t	106CS-25t-YZ	2.9
40t	106CS-40t-YZ	6.0
50t	106CS-50t-YZ	6.0
100t	106CS-100t-YZ	12.5
10Klb	106CS20-10Klb-YZ	2.9
25Klb	106CS20-25Klb-YZ	2.9
50Klb	106CS20-50Klb-YZ	2.9
100Klb	106CS20-100Klb-YZ	6.0
200Klb	106CS20-200Klb-YZ	12.5

INTERCHANGEABLE REFERENCE

Brand	Model
106CS	
Cardinal	CG-175
Coti Global	CG-26S5
Vishay Revere Transducers	392B
106CS20	
Coti Global	CG-26S5
Rice Lake	RLCSP1
Vishay Revere Transducers	CSP
Vishay Revere Transducers	692B

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

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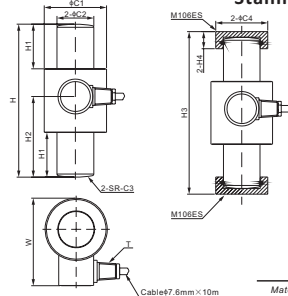
106ES

Stainless Steel



CE ATEX FM IECEx RoHS

Mounting hardware to be ordered separately.



DIMENSIONS

RATED CAPACITY	C1	C2	C3	C4	H	H1	H2	H3	H4	W	T
Kilb/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] GΩ
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		
50Klb	106ES-50Klb-YZ	3.6
100Klb	106ES-100Klb-YZ	4.1
Mounting Hardware		
Mounting Cap...	106ES-(50-100)Klb-YZ...	0.3

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

INTERCHANGEABLE REFERENCE

Brand	Model
106ES	
Cardinal	SCA
Coti Global	CG-26S



NTEP 1:10 000 Class IIL, Multiple Cell

OIML MAA C3, Y=16 000

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

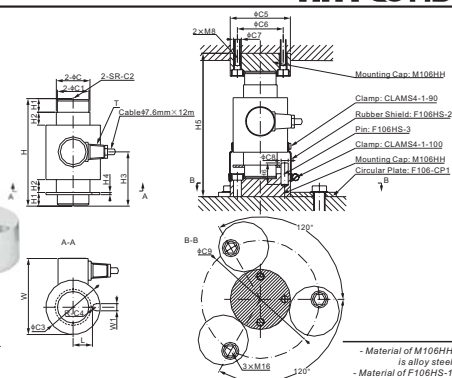
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RoHS

Mounting hardware to be ordered separately.



DIMENSIONS															
RATED CAPACITY	C	C1	C2	C3	C4	C5	C6	C7	C8	C9	H	H1	H2	H3	H4
10mm	20	47	44	130	75	5	84	64	11	9.5	165	150	19	18	80
30	47	44	160	75	5	84	64	11	9.5	165	150	19	18	80	3
40	47	44	160	75	5	84	64	11	9.5	165	150	19	18	80	3

DIMENSIONS															
RATED CAPACITY	C	C1	C2	C3	C4	C5	C6	C7	C8	C9	H	H1	H2	H3	H4
10mm	20	47	44	130	75	5	84	64	11	9.5	165	150	19	18	80
30	47	44	160	75	5	84	64	11	9.5	165	150	19	18	80	3
40	47	44	160	75	5	84	64	11	9.5	165	150	19	18	80	3

106HS is alloy steel
106HS-1 is stainless steel
106HS-2 is rubber
106HS-3 is mild steel

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	≤ ± 0.023%					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	700Ω ± 20					Cable Color Code					Ex+ Red Ex- Black Sig+ Green Sig- White				
Output Resistance	705Ω ± 5					Shield Bare					Shield Bare				
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 Capacity	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

* Mounting kit includes: 2 pcs Mounting Caps, 2 pcs Clamps, 1 pcs Rubber Shield, 1 pcs Pin, 3 pcs Circular Plates.

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

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INTERCHANGEABLE REFERENCE

Brand	Model
Coti Global	CG-26S4
HBM	C16
Vishay Revere Transducers	C*6
	ASC*

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

NTEP 1:10 000 Class III, Multiple Cell

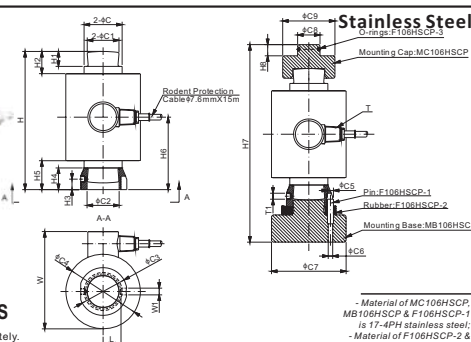
OIML MAA C3, Y=16 000

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



RoHS

Mounting hardware to be ordered separately.



DIMENSIONS															
RATED CAPACITY	C	C1	C2	C3	C4	C5	C6	C7	C8	C9	H	H1	H2	H3	H4
10mm	20	47	44	130	75	5	84	64	11	9.5	165	150	19	18	80
30	47	44	160	75	5	84	64	11	9.5	165	150	19	18	80	3
40	47	44	160	75	5	84	64	11	9.5	165	150	19	18	80	3

106HSCP is alloy steel
106HSCP-1 is stainless steel
106HSCP-2 is rubber
106HSCP-3 is mild steel

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	≤ ± 0.023%					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	700Ω ± 20					Cable Color Code					Ex+ Red Ex- Black Sig+ Green Sig- White				
Output Resistance	705Ω ± 5					Shield Bare					Shield Bare				
Element Material	17-4PH Stainless Steel														

PART NUMBER**

Load Cell	Rated Capacity	Part No.	Weight Approx. (kg)
35L	106HSCP-35L	6.9	
	106HSCP-35L-FP*	10.2	

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

* 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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INTERCHANGEABLE REFERENCE

Brand	Model
Biracini	CPR-M

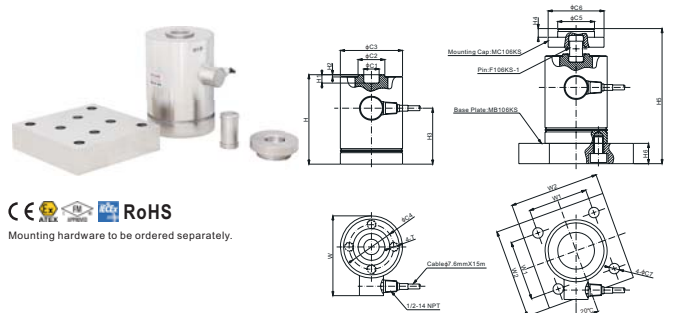
NTEP 1:10 000 Class III, Multiple Cell

OIML MAA C3, Y=16 000

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

106KS

Stainless Steel



Mounting hardware to be ordered separately.

DIMENSIONS

RATED CAPACITY	C1	C2	C3	C4	C5	C6	C7	H	H1	H2	H3	H4	H5	H6	W	W1	W2	T
Kilb/inches	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
kg/mm (conversion of above dimensions)	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	2.20	6.69	6.00	8.00	3/4-16 UNF Depth20
kg/mm (conversion of above dimensions)	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
22.6796	39.0	57.9	140.0	101.6	88.6	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 Depth0.5
45.3592																		

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*

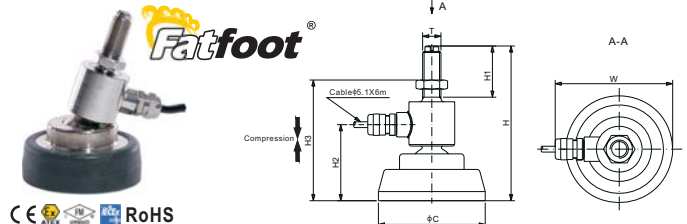
Load Cell	Part No.	Weight
Rated Capacity		Approx. (kg)
50Kib.....	106KS-50Kib.....	6.3
100Kib.....	106KS-100Kib.....	13.4
Mounting Hardware		
Mounting Hardware	Load Cell Capacity	Part No.
Mounting Cap.....	50Kib.....	MC106KS-50Kib.....
	100Kib.....	MC106KS-100Kib.....
Pin.....	50Kib.....	F106KS-1-50Kib.....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



DIMENSIONS

RATED CAPACITY	C	H	H1	H2	H3	W	T
t/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	78.0-116.0	77.0	M16
5	80.0	132.8	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	< ± 0.090%	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		

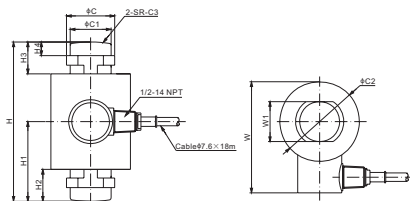
PART NUMBER*

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

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

WEIGH MODULE

Model	Page
106MHM1.....	161



Mounting hardware to be ordered separately.

DIMENSIONS

RATED CAPACITY	C	C1	C2	C3	H	H1	H2	H3	H4	W	W1
t/mm											
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	45.0	39.0	75.0	120.0	140.0	75.0	32.0	32.0	13.0	105.3	39.0
40	45.0	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	62.0	99.0	380.0	200.0	100.0	34.0	34.0	17.0	129.0	62.0
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	14.96	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%; Cap. ≥ 100t: < ± 0.05%	Insulation Resistance	> 2 (50V DC) GΩ
Repeatability	< ± 0.017%	Compensated Temperature Range	-10°C to 50°C / 14°F to 122°F
Hysteresis Error	Cap. ≤ 50t: < ± 0.020%; Cap. ≥ 100t: < ± 0.05%	Safe Overload	150% of full scale
Creep in 30 min.	< ± 0.020%	Breaking Overload	300% of full scale
Input Resistance	1150Ω ± 50	Seal Type / IP Rating	Welded Seal / IP68
Output Resistance	1000Ω ± 2	Cable Color Code	Exc+ Red Exc- Black Sig+ Green Sig- White Shield Bare

PART NUMBER*

Load Cell	Part No.	Weight Approx. (kg)
Rated Capacity		
7.5t	106RS-7.5k-YZ	1.5
15t	106RS-15k-YZ	1.5
22.5t	106RS-22.5k-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 III, Multiple Cell

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

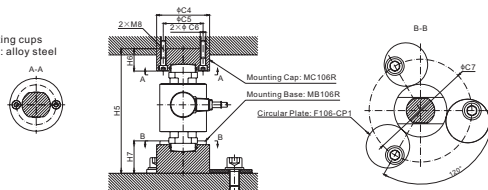
For further available P/N's & specifications per NTEP/OIML classes, please contact us.



Mounting Cups

Type A:

Material of mounting cups and circular plate: alloy steel



DIMENSIONS

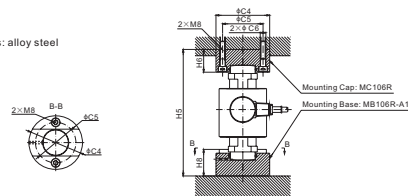
RATED CAPACITY	C4	C5	C6	C7	H5	H6	H7
t/mm							
30	85.0	64.0	9.0	165.0	200.0	36.0	52.0
40	85.0	64.0	9.0	165.0	200.0	36.0	42.0
50	90.0	70.0	9.0	170.0	240.0	45.0	55.0
lb/inches (conversion of above dimensions)							
66.138.7	3.35	2.52	0.35	6.50	7.87	1.42	2.05
88.184.9	3.35	2.52	0.35	6.50	7.87	1.42	1.65
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

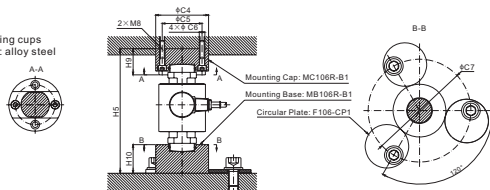
RATED CAPACITY	C4	C5	C6	H5	H6	H8
t/mm						
30	85.0	64.0	9.0	200.0	36.0	52.0
40	85.0	64.0	9.0	200.0	36.0	42.0
50	90.0	70.0	9.0	240.0	45.0	55.0
lb/inches (conversion of above dimensions)						
66.138.7	3.35	2.52	0.35	7.87	1.42	2.05
88.184.9	3.35	2.52	0.35	7.87	1.42	1.65
110.231.1	3.55	2.76	0.35	9.46	1.77	2.17

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

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)

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

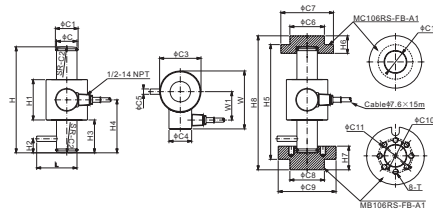
* When ordering mounting hardware, each load cell needs

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)



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																											
LE50: 56	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)																											
LE27.2: 25.4	25.4	25.4	37.1	40.0	15.0	17.5	41.0	9.7	62.5	95.3	62.5	104.9	40.0	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

t/mm (conversion of above dimensions)

LE22: 7.25; 25.4; 25.5; 37.1; 40.0; 150.1; 75.0; 41.0; 9.7; 62.5; 95.3; 62.5; 104.9; 40.0; 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	LE50Kib: 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 GΩ DC 1 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.	< ± 0.020%	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)
LE50Kib	106RS-FB-LE50Kib-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

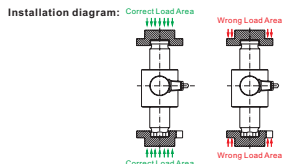
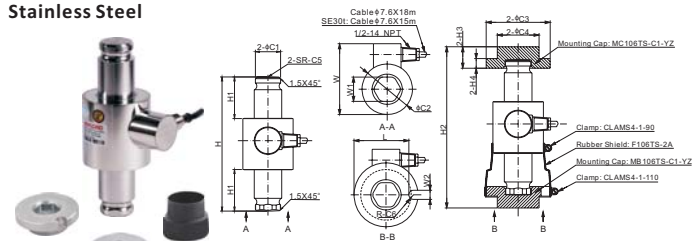


OIML MAA C3, Y=16 000

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

INTERCHANGEABLE REFERENCE

Brand	Model
106RS-FB-LE50Kib-YZ	
Coti Global	CG-26S1 50K le
Fairbanks	LCFHR4020-2, Part# 64166
Rice Lake	RL75114
106RS-FB20-56Kib-YZ	
Coti Global	CG-26S2 56K
Fairbanks	LCFHR4020-19
Flintec	RC1



Mounting hardware to be ordered separately.

RATED CAPACITY	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
t/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 $\pm 0.1\%$	Recommended Excitation
Zero Balance	± 0.02 mV/V	10V (15V Maximum)
Non-linearity	$\leq \pm 0.030\%$	Insulation Resistance
Repeatability	$\leq \pm 0.017\%$	-10°C to 50°C / 14°F to 122°F
Hysteresis Error	$\leq \pm 0.017\%$	Safe Overload
Creep in 30 min.	$\leq \pm 0.020\%$	150% of full scale
Input Resistance	1180 ± 50	Breaking Overload
Output Resistance	1000 ± 5	300% of full scale
Element Material	2Cr13 Stainless Steel	Seal Type / IP Rating
		Welded Seal / IP68
		Cable Color Code
		Ex+ Red Ex- Black
		Sl+ Green Sl- White
		Shield Bare

PART NUMBER*		
Load Cell		
Rated Capacity	Part No.	Weight
		Approx. (kg)
50Kib.....	106TS-50Kib-YZ.....	4.2
100Kib.....	106TS-100Kib-YZ.....	4.4
30t.....	106TS-30t-YZ.....	5.8
SE30t.....	106TS-SE30t-YZ.....	3.7
SE50t.....	106TS-SE50t-YZ.....	3.5

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

Mounting Kits*		
Load Cell Capacity	Part No.	Weight
		Approx. (kg)
SE30t, SE50t, 30t, 50Kib, 100Kib.....	106TS-PARTS-C1.....	-

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

*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.

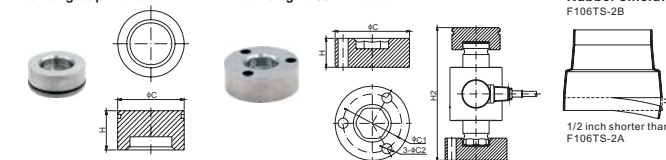
For applications that need to replace Mettler Toledo Powercell PDX (SLC820) 30t or 50t, you have options too: Order mounting variation A or B with 106TS-SE30t-YZ or 106TS-SE50t-YZ.

Mounting variation A:

Mounting Cap: MC106TS-A1-YZ

Mounting Base: MB106TS-A1-YZ

Rubber shield:
F106TS-2B



PART NUMBER	RATED CAPACITY	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:

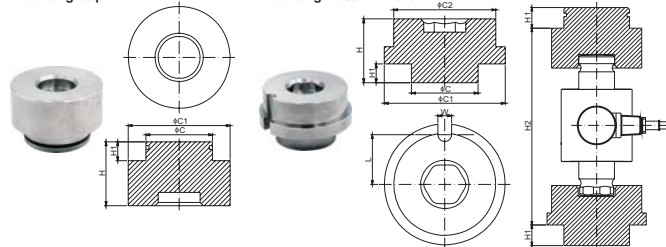
106TS-PARTS-A1:

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	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)

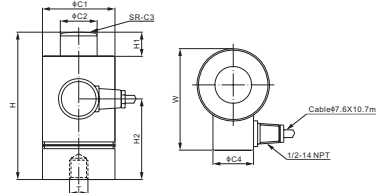
www.anyload.com

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106PS; 106PS20

Stainless Steel

ANYLOAD



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)										
22.678	75	38.1	152.4	42	152.4	25	83.4	105	3/4-16 UNF Depth15	
45.3592	100	44.5	304.8	42	215.9	28	121	130	3/4-16 UNF Depth15	

SPECIFICATIONS			
Full Scale Output	106PS: 3.0 mV/V ± 0.1%	Recommended Excitation	10V (15V Maximum)
Zero Balance	± 0.02 mV/V	Insulation Resistance	> 2 [50V DC] GΩ
Non-linearity	< ± 0.030%	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.	< ± 0.030%	Seal Type / IP Rating	Welded Seal / IP68
Input Resistance	350Ω ± 3.5	Cable Color Code	Exc+ Red Exc- Black Sig+ Green Sig- White
Output Resistance	350Ω ± 3.4		Shield Bare
Element Material	316L 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
200Kilb.....	106PS20-100Kilb-YZ.....	7.1

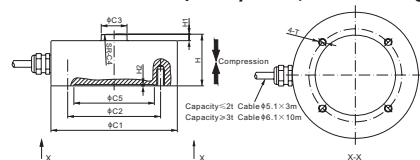
* ATEX, FM, IECEx approved versions carry the "-Ex" suffix.

INTERCHANGEABLE REFERENCE			
Brand	Model		
106PS			
Coti Global.....	CG-93		
Visshay Revere Transducers.....	93		
106PS20			
Coti Global.....	CG-92		
Visshay Revere Transducers.....	92		

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										
25-50	62.0	55.0	12.0	50.0	36.0	22.0	4.0	1.0	M5 Depth0.70	
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 Depth0.70	
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	25.0	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	6.0	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	
6,613.9-11,023.1	3.86	2.83	0.79	5.91	2.46	1.57	0.20	0.04	M6 Depth0.51	
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	

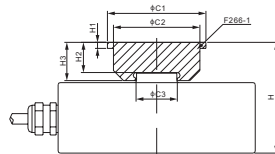
SPECIFICATIONS			
Full Scale Output	2.0 mV/V ± 1%	Recommended Excitation	10V (15V Maximum)
Zero Balance	< ± 0.04 mV/V	Insulation Resistance	> 2 [50V DC] GΩ
Non-linearity	Cap. < 2t: < ± 0.2%; Cap. ≥ 3t: < ± 0.05%	Compensated Temperature Range	-10°C to 50°C / 14°F to 122°F
Repeatability	Cap. < 2t: < ±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

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.....	266AH-200kg.....	0.5
300kg.....	266AH-300kg.....	0.5
500kg.....	266AH-500kg.....	0.5
1t.....	266AH-1t.....	0.5
2t.....	266AH-2t.....	0.5
3t.....	266AH-3t.....	2.4
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.

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

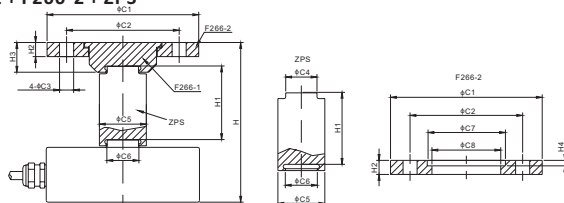
Mounting Variation 1, Alloy Steel F266-1



DIMENSIONS

PART NUMBER	LOAD CELL CAPACITY	C1	C2	C3	H	H1	H2	H3	Weight Approx. (kg)
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

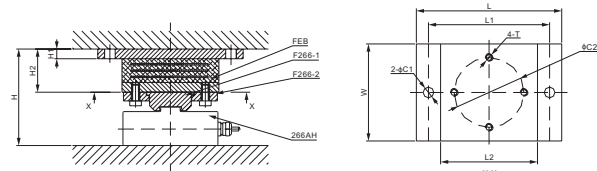
Mounting Variation 2 F266-1 + F266-2 + ZPS



DIMENSIONS

PART NUMBER	LOAD CELL CAPACITY	C1	C2	C3	C4	C5	C6	C7	C8	H	H1	H2	H3	H4
kg/mm														
F266-1B	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
F266-1C	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
F266-1D	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
F266-1E	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
F266-1F	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)														
F266-1B	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
F266-1C	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
F266-1D	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
F266-1E	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
F266-1F	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	F266-2	ZPS											
Part No.	Part No.	Part No.	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

PART NUMBER	LOAD CELL CAPACITY	C1	C2	H	H1	H2	L	L1	L2	W	T
kg/mm											
F266-1B	25-2,000	9.0	60.0	81.1	8.0	46.0	150.0	125.0	100.0	90.0	M8
F266-1C	3,000-5,000	11.0	72.0	99.6	10.0	44.5	180.0	150.0	120.0	120.0	M10
F266-1D	10,000	11.0	72.0	104.6	10.0	44.5	180.0	150.0	120.0	120.0	M10
F266-1E	20,000	13.0	90.0	120.1	12.0	50.0	270.0	240.0	200.0	200.0	M12
F266-1F	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)											
F266-1B	55.1-4,409.2	0.35	2.36	3.19	0.31	1.81	5.91	4.93	3.94	3.55	M8
F266-1C	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
F266-1D	22,046.2	0.43	2.84	4.12	0.39	1.75	7.09	5.91	4.73	4.73	M10
F266-1E	44,092.5	0.51	3.55	4.73	0.47	1.97	10.64	8.46	7.88	7.88	M12
F266-1F	66,138.7	0.51	3.55	5.64	0.47	1.97	10.64	8.46	7.88	7.88	M12

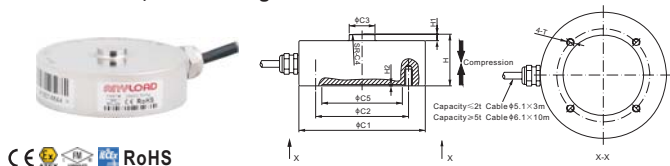
PART NUMBER

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

* 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).

PART NUMBER

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



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	36.0	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	M8 Depth:15.0
30,000	139.0	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	3.88	2.83	0.79	5.91	2.46	1.57	0.20	0.04	M6 Depth:0.51
22,046.2	3.88	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

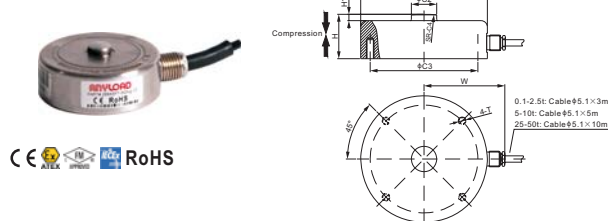
SPECIFICATIONS

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 Shield Bare
Output Resistance	Cap. <2t 350Ω ± 3; Cap. ≥5t 700Ω ± 5		
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
1t	266AS-1t	0.5
2t	266AS-2t	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.



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	65.0	M6 Depth:15
10	100.0	20.0	85.0	120.0	35.0	5.0	65.0	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)								
0.22-2.2	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 Shield Bare
Output Resistance	350Ω ± 3		
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	-
1t	266ASPT-1t-YZ	-
2.5t	266ASPT-2.5t-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.

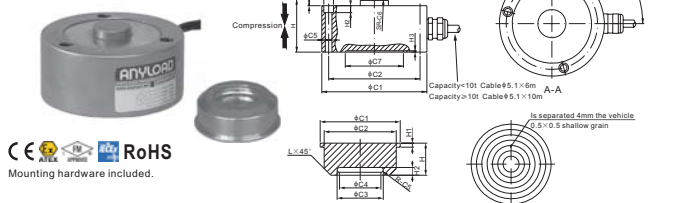
INTERCHANGEABLE REFERENCE

Brand	Model
PT Global	LPX

276EH

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

F266-1



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	123.0	99.0	43.0	15.0	15.0	360.0	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	1.02	0.16	0.20	0.03	
55.1156	2.99	2.60	0.80	0.28	0.19	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	t/mm											
F266-1B	5	33.0	27.0	12.0	10.0	1.0	13.0	3.0	2.9	3.0	0.06	
F266-1C	10	41.0	35.0	16.0	14.0	1.0	16.0	3.0	2.9	4.0	0.12	
F266-1E	25	43.0	43.0	23.8	21.0	1.4	19.0	3.0	2.9	5.0	0.20	
F266-1F	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	2.93	2.60	1.36	1.22	0.22	1.42	0.12	0.20	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: < ± 0.2%		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		Cable Color Code		Exc+ Red Exc- Black Sig+ Green Sig- White Shield Bare							
Element Material	Alloy Steel, Nickel Plated		Cable Color Code		Exc+ Red Exc- Black Sig+ Green Sig- White Shield Bare							

PART NUMBER*			WEIGH MODULE		
Rated Capacity	Part No.	Weight Approx. (kg)	Model		Page
5t.....	276EH-5t.....	0.6	276EHM1.....	163	
10t.....	276EH-10t.....	0.9			
25t.....	276EH-25t.....	1.8			
50t.....	276EH-50t.....	4.2			
100t.....	276EH-100L.....	8.7			

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

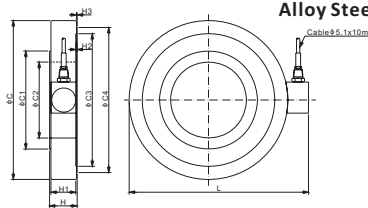
ANYLOAD



CE ATEX FM IECEx RoHS

363HHAN

Alloy Steel

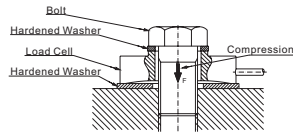


DIMENSIONS

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
Kib/inches (conversion of above dimensions)										
132.28	9.06	5.59	4.33	7.56	8.27	1.58	1.50	0.08	0.04	10.24

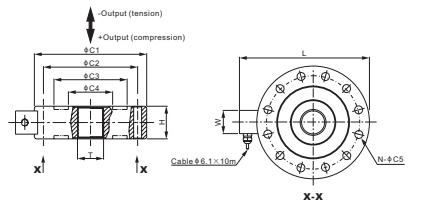
SPECIFICATIONS			
Full Scale Output	2.0 mV/V ± 0.25%	Recommended Excitation	10V (15V Maximum)
Zero Balance	± 0.02 mV/V	Insulation Resistance	> 2 (50V DC) GΩ
Non-linearity	< ± 0.8%	Compensated Temperature Range	-10°C to 50°C / 14°F to 122°F
Repeatability	< ± 0.03%	Safe Overload	150% of full scale
Hysteresis Error	< ± 0.3%	Breaking Overload	300% of full scale
Creep in 30 min.	< ± 0.1%	Seal Type / IP Rating	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		

PART NUMBER*			APPLICATION EXAMPLES		
Rated Capacity	Part No.	Weight Approx. (kg)			
60t.....	363HHAN-60t.....	9.6			
*ATEX, FM, IECEx approved versions carry the "Ex" suffix.					
AVAILABLE OPTION			APPLICATION EXAMPLES		
■ Stainless steel element: 363HSA					





Mounting hardware to be ordered separately.



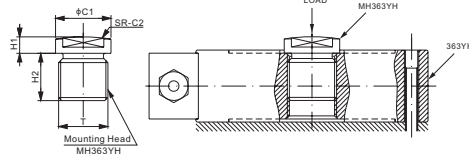
DIMENSIONS										
RATED CAPACITY	C1	C2	C3	C4	C5	N	H	L	W	T
t/mm										
1-5	113.0	97.0	81.0	37.0	7	8	35.0	145.4	32.0	M24X2
10-20	155.0	130.0	106.0	56.0	11	12	45.0	189.0	32.0	M36X2
30	180.0	150.0	125.0	75.0	13	12	58.0	212.6	32.0	M42X2
50	205.0	165.0	125.0	75.0	13	16	64.0	237.9	32.0	M42X2
100	250.0	228.0	182.0	118.0	17	16	90.0	322.7	48.0	M70X3
150-200	296.0	256.0	223.0	133.0	22	16	120.0	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)										
2,204.6-11,023.1	4.45	3.82	3.19	1.48	0.28	8	1.38	5.72	1.26	M24X2
22,046.2-44,092.5	6.10	5.12	4.17	2.20	0.43	12	1.77	7.44	1.26	M36X2
86,138.7	7.09	5.91	4.92	2.95	0.51	12	2.28	8.37	1.26	M42X2
110,231.1	8.07	6.50	4.92	2.95	0.51	16	2.52	9.37	1.26	M42X2
220,462.3	11.02	8.98	7.17	4.65	0.67	16	3.54	12.70	1.89	M70X3
330,693.4-440,924.5	11.65	10.08	8.78	5.24	0.87	16	4.72	13.33	1.89	M90X3
661,386.8	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	> 21 50V DC | GΩ
Non-linearity	Cap. < 5t: < 0.050%; Cap. ≥ 10t: < 0.030%	Compensated Temperature Range	-10°C to 50°C / 14°F to 122°F
Repeatability	Cap. < 5t: < 0.030%; Cap. ≥ 10t: < 0.020%	Safety Overload	150% of full scale
Hysteresis Error	Cap. < 5t: < 0.050%; Cap. ≥ 10t: < 0.030%	Breaking Overload	300% of full scale
Crawl in 30 min.	Cap. < 5t: < 0.050%; Cap. ≥ 10t: < 0.030%	Seal Type / IP Rating	Welded Seal / IP67
Input Resistance	770Ω ± 30	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)
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

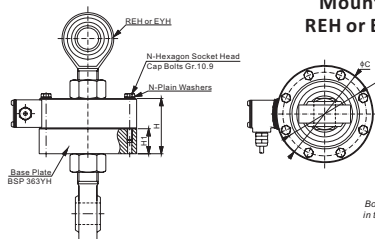
*ATEX, FM, IECEx approved versions carry the "-Ex" suffix.

Mounting Variation 1, Alloy Steel MH363YH



DIMENSIONS							Weight Approx. (kg)
PART NUMBER	LOAD CELL CAPACITY	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	0.97
MH363YH-30t	30	54.0	180.0	32.0	48.0	M42X2	-
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	0.97
MH363YH-30t	66,138.7	2.13	7.09	1.26	1.89	M42X2	-
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

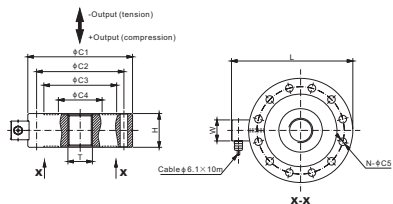


Bolts & plain washers are included in the set of Base Plate BSP363YH

DIMENSIONS										Weight Approx. (kg)
PART NUMBER	LOAD CELL CAPACITY	C	C1	H	H1	N	Matching Bolts	Matching REH or EYH		
t/mm										
BSP363YH-(1-5)t	1-5	113.0	97.0	64.0	28.0	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	-	-



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	189.0	36.0	M36X2
30	180.0	150.0	125.0	75.0	13.0	12	58.0	208.8	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	118.0	17.0	16	90.0	318.0	48.0	M70X3
150-200	296.0	256.0	223.0	133.0	22.0	16	120.0	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	1.38	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
86,138.7	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

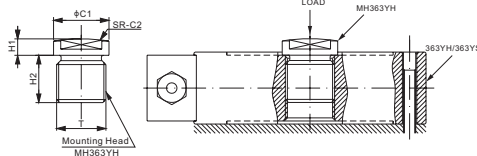
SPECIFICATIONS

Full Scale Output	2.0 mV/V ± 1%	Recommended Excitation	10V (15V Maximum)
Zero Balance	< ± 0.02 mV/V	Insulation Resistance	> 21 50V DC G/G
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: < ± 0.10%	Seal Type / IP Rating	Welded Seal / IP68
Input Resistance	770Ω ± 30	Cable Color Code	Exc+ Red Exc- Black Sig+ Green Sig- White Shield Bare
Output Resistance	700Ω ± 5		
Element Material	2Cr13 Stainless Steel		

PART NUMBER*

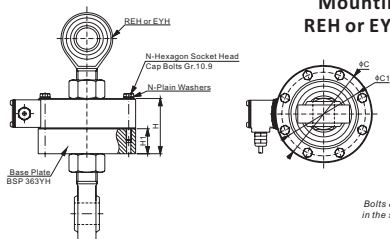
Rated Capacity	Part No.	Weight Approx. (kg)
1t.....	363YS-1t-YZ.....	2.8
2t.....	363YS-2t-YZ.....	2.8
3t.....	363YS-3t-YZ.....	2.8
5t.....	363YS-5t-YZ.....	2.8
10t.....	363YS-10t-YZ.....	5.5
20t.....	363YS-20t-YZ.....	5.5
30t.....	363YS-30t-YZ.....	12.4
50t.....	363YS-50t-YZ.....	16.8
100t.....	363YS-100t-YZ.....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

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

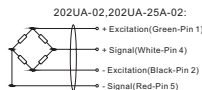
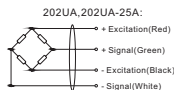
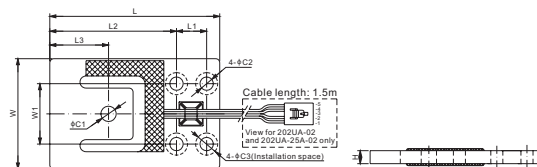
Bolts & plain washers are included in the set of Base Plate BSP363YH

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	-

**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	9.8	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/V/Q	\pm 0.05%	Insulation Resistance	>2 (50V DC) G/G
Zero Balance	\pm 0.02 mV/V	Nominal Temperature Range	-20°C to 40°C / 14°F to 104°F
Non-linearity	\leq \pm 0.020%	Safe Overload	150% of full scale
Repeatability	\leq \pm 0.017%	Breaking Overload	300% of full scale
Hysteresis Error	\leq \pm 0.015%	Seal Type / IP Rating	Environmentally Sealed / IP65
Creep in 30 min.	\leq \pm 0.015%	Cable Color Code (202UA, 202UA-25A)	Exc+ Red Exc- Black Sig+ Green Sig- White
Input Resistance	1190Q \pm 10	Cable Color Code (202UA-02, 202UA-25A-02)	Exc+ Green Exc- Black Sig+ White Sig- Red
Output Resistance	1000Q \pm 10		
Element Material	Aluminum, Clear Anodized		

PART NUMBER*

Rated Capacity	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.

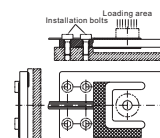
INTERCHANGEABLE PRODUCTS

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

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

PART NUMBER*

Rated Capacity	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

INSTALLATION DRAWING

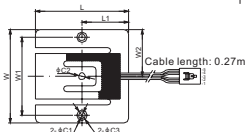
30kg-375kg: NTEP 1:3 000 Class III, Single Cell or Multiple Cell
 75kg-375kg: OIML MAA C3, γ 28 000
 For further available PIN's & specifications per NTEP/OIML classes, please contact us.



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 \pm 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



- Excitation (Green-Pin 1)
- Signal (White-Pin 4)
- Excitation (Black-Pin 2)
- Excitation (Red-Pin 5)

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

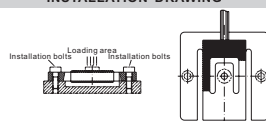
SPECIFICATIONS

Full Scale Output	0.9 mV/V \pm 0.1%	Element Material	Aluminum, Clear Anodized
Calibration in mV/V	\pm 0.05%	Recommended Excitation	10V (15V Maximum)
Zero Balance	\pm 0.02 mV/V	Insulation Resistance	>2 [50V DC] G/G
Non-linearity	$\leq \pm 0.01\%$	Nominal Temperature Range	-10°C to 50°C / 14°F to 122°F
Repeatability	$\leq \pm 0.01\%$	Safe Overload	150% of full scale
Hysteresis Error	$\leq \pm 0.01\%$	Breaking Overload	300% of full scale
Creep in 30 min.	$\leq \pm 0.03\%$	Seal Type / IP Rating	Environmentally Sealed / IP65
Input Resistance	$1204\Omega \pm 5$	Cable Color Code	Exc+ Green Exc- Black Sig+ White Sig- Red
Output Resistance	$1000\Omega \pm 10$		

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.

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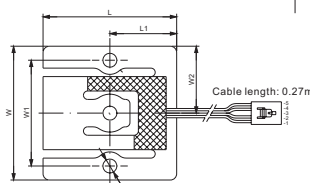


Designed & made for extreme high resolution balance.

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 \pm 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



- Excitation (Green-Pin 1)
- Signal (White-Pin 4)
- Excitation (Black-Pin 2)
- Signal (Red-Pin 5)

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	L	L1	W	W1	W2
kg/mm							
250	6.6	8.3	63.5	31.8	63.5	50.2	31.8

SPECIFICATIONS

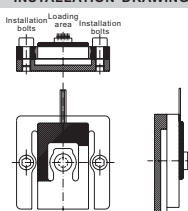
Full Scale Output	0.9 mV/V \pm 0.1%	Recommended Excitation	10V (15V Maximum)
Calibration in mV/V	\pm 0.05%	Insulation Resistance	>2 [50V DC] G/G
Zero Balance	\pm 0.02 mV/V	Nominal Temperature Range	-10°C to 50°C / 14°F to 122°F
Non-linearity	$\leq \pm 0.01\%$	Safe Overload	150% of full scale
Repeatability	$\leq \pm 0.01\%$	Breaking Overload	300% of full scale
Hysteresis Error	$\leq \pm 0.01\%$	Seal Type / IP Rating	Environmentally Sealed / IP65
Creep in 30 min.	$\leq \pm 0.01\%$	Cable Color Code	Exc+ Green Exc- Black Sig+ White Sig- Red
Input Resistance	$1204\Omega \pm 5$		
Output Resistance	$1000\Omega \pm 10$		
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

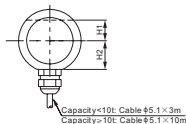
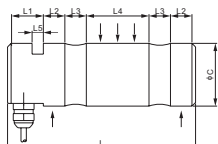
* ATEX, FM, IECEx approved versions carry the "-Ex" suffix.

INSTALLATION DRAWING



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DIMENSIONS

RATED CAPACITY	C	H1	H2	L	L1	L2	L3	L4	L5
mm									
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	22.5	152.0	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	256.0	36.0	35.0	28.0	89.0	12.5
70	100.0	34.0	35.0	326.0	40.0	50.0	32.0	120.0	15.0
100	120.0	44.0	45.0	326.0	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
154,223.6	3.94	1.34	1.38	12.91	1.57	1.97	1.26	4.72	0.59
220,462.3	4.72	1.73	1.77	12.91	1.57	1.97	1.26	4.72	0.59

SPECIFICATIONS

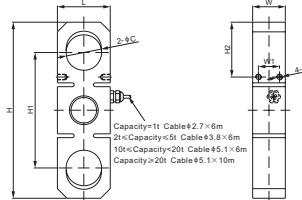
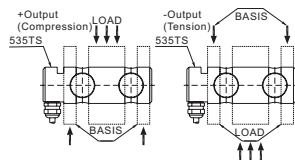
Full Scale Output	1.0 mV/V ± 10%	Recommended Excitation	10V (15V Maximum)
Zero Balance	± 0.02 mV/V	Insulation Resistance	> 2 (50V DC) GΩ
Non-linearity	< ± 0.50%	Compensated Temperature Range	-10°C to 50°C / 14°F to 122°F
Repeatability	< ± 0.50%	Safe Overload	150% of full scale
Hysteresis Error	< ± 0.50%	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



DIMENSIONS

RATED CAPACITY	C	H	H1	H2	L	W	W1	T	SUGGESTED SHACKLE
mm									
1	15.0	74.0	49.5	20.5	20.0	12.0	7.0	4-M3 Depth5	RBXS-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	38.0	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-M6 Depth8	SBX-25t
30	60.0	307.5	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	RBXS-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	2.36	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	3.0 mV/V ± 10%	Recommended Excitation	10V (15V Maximum)
Zero Balance	± 0.02 mV/V	Insulation Resistance	> 2 (50V DC) GΩ
Non-linearity	< ± 0.017% FS	Compensated Temperature Range	-10°C to 50°C / 14°F to 122°F
Repeatability	< ± 0.017% FS	Safe Overload	150% of full scale
Hysteresis Error	< ± 0.017% 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

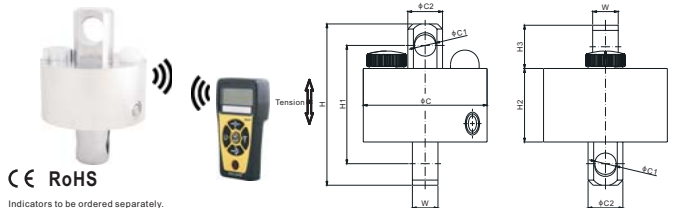
Model	Page
110BHM3	155

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

11-2t: NTEP 1.3 000 Class III, Single Cell; NTEP 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 11-10t: 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	
t/mm	C	C1	C2	H	H1	H2	H3	W		
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 RBX-5t	
10	133	31.5	50	197	141.5	72	63.3	40	TBX-12.5t	
20	159	42	68	245	171	72.5	87	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	496	332	146.5	174	112	TBX-110t	
Klb/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 RBX-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	2.05	TBX-30t	
100	8.07	2.48	4.29	14.49	9.84	4.13	5.12	3.11	TBX-50t	
200	10.75	3.54	5.98	19.53	13.07	5.77	6.85	4.41	TBX-110t	

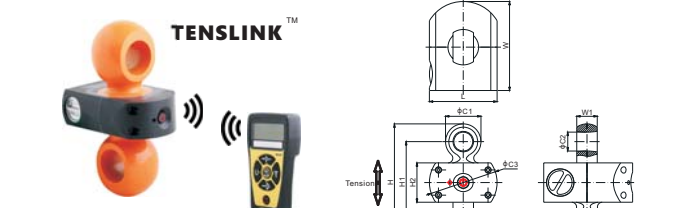
SPECIFICATIONS				
Division	1t-10t: 1:5 000	Transmission Range	Up to 30m for lowest power set up and up to 75m for highest power set up (shall have no obstructions)	
	20t: 1:4 000			
	30t: 1:3 000			
50t-100t: 1:5 000		Operation Time		Up to 100 hours at 20°C and at the lowest power set up
Max. Safety 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 / 69K

PART NUMBER				PART NUMBER			
Rated Capacity	Frequency	Part No.	Self Weight (kg) (Batteries included)	Rated Capacity	Frequency	Part No.	Self Weight (kg) (Batteries included)
1t	433 MHz	110ES-1t-WL01-HP	1.7	20t	433 MHz	110ES-20t-WL01-HP	6.6
	915 MHz	110ES-1t-WL02-HP	1.7		915 MHz	110ES-20t-WL02-HP	6.6
2.5t	433 MHz	110ES-2.5t-WL01-HP	1.7	30t	433 MHz	110ES-30t-WL01-HP	10.5
	915 MHz	110ES-2.5t-WL02-HP	1.7		915 MHz	110ES-30t-WL02-HP	10.5
5t	433 MHz	110ES-5t-WL01-HP	2.1	50t	433 MHz	110ES-50t-WL01-HP	21
	915 MHz	110ES-5t-WL02-HP	2.1		915 MHz	110ES-50t-WL02-HP	21
10t	433 MHz	110ES-10t-WL01-HP	3.5	100t	433 MHz	110ES-100t-WL01-HP	53
	915 MHz	110ES-10t-WL02-HP	3.5		915 MHz	110ES-100t-WL02-HP	53

ANYLOAD

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	
t/mm	C1	C2	C3	H	H1	H2	L	W	W1	
0.5: 1:2										
3	33.0	18.0	80.0	110.0	74.0	38.0	80.0	110.0	18.0	Crosby G-2130-2t or SBX-2t
5	35.0	21.0	86.0	129.0	86.0	38.0	80.0	110.0	25.0	Crosby G-2130-2.5t or SBX-2.5t
10	50.0	27.0	88.0	144.6	110.6	50.0	86.0	113.0	33.0	Crosby G-2130-5t or SBX-5t
20	63.0	37.0	88.0	205.0	135.0	50.0	86.0	125.0	41.0	Crosby G-2130-12t or SBX-12t
40	60.0	53.0	100.0	249.0	153.0	53.0	100.0	140.0	66.0	Crosby G-2130-25t or SBX-25t
60	87.0	44.0	100.0	248.0	150.0	50.0	100.0	152.0	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	160.0	68.0	180.0	442.0	260.0	65.0	180.0	190.0	122.0	Crosby G-2140-120t or TBX-110t
Klb/inches (conversion of above dimensions)										
1: 2.4										
5	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
10	1.38	0.83	3.15	5.08	3.46	1.50	3.15	4.33	0.98	Crosby G-2130-2.5t or SBX-2.5t
20	1.87	1.06	3.39	6.48	4.35	1.97	3.39	4.48	1.30	Crosby G-2130-5t or SBX-5t
40	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
60	3.54	2.09	3.94	8.80	6.02	2.09	3.94	5.51	2.60	Crosby G-2130-25t or SBX-25t
80	3.45	1.73	3.94	9.76	5.91	1.97	3.94	5.26	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

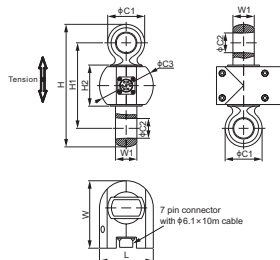
SPECIFICATIONS			
Division	600kg	0.1kg	Combined Error
	2t	0.2kg	0.03%
	21t	0.5kg	Max. Safety Load
Operating Temp.	3t, 5t	1kg	200% of full scale
	10t	2kg	Ultimate Load
	20t	5kg	500% of full scale
IP Rating	30t, 50t	10kg	Transmission Range
	100t	20kg	Up to 30m at lowest power setting.
	Enclosure	Alloy Steel, Powder Coating	Up to 75m at highest power setting, unobstructed
Rechargeable Battery Type			
3 x AA Alkaline batteries			
Operation Time			
Up to 100 hours at 20°C and at the lowest power setting			
Operating Humidity			
<85% RH under 20°C (68°F)			
Operating Temperature			
-10°C to 50°C / 14°F to 122°F			

PART NUMBER				PART NUMBER			
Rated Capacity	Frequency	Part No.	Self Weight Approx. (kg)	Rated Capacity	Frequency	Part No.	Self Weight Approx. (kg)
500kg	433 MHz	110RH-ST-500kg-WL01	0.6	10t	433 MHz	110RH-ST-10t-WL01	2.3
	915 MHz	110RH-ST-500kg-WL02	0.6		915 MHz	110RH-ST-10t-WL02	2.3
1t	433 MHz	110RH-ST-1t-WL01	0.6	20t	433 MHz	110RH-ST-20t-WL01	4.7
	915 MHz	110RH-ST-1t-WL02	0.6		915 MHz	110RH-ST-20t-WL02	4.7
2t	433 MHz	110RH-ST-2t-WL01	0.6	30t	433 MHz	110RH-30t-WL01	5.5
	915 MHz	110RH-ST-2t-WL02	0.6		915 MHz	110RH-30t-WL02	5.5
3t	433 MHz	110RH-ST-3t-WL01	1.0	50t	433 MHz	110RH-50t-WL01	16.0
	915 MHz	110RH-ST-3t-WL02	1.0		915 MHz	110RH-50t-WL02	16.0
5t	433 MHz	110RH-ST-5t-WL01	1.4	100t	433 MHz	110RH-100t-WL01	35.0
	915 MHz	110RH-ST-5t-WL02	1.4		915 MHz	110RH-100t-WL02	35.0

110RH; 110RH-ST

Alloy Steel; Patent Design

ANYLOAD



DIMENSIONS

RATED CAPACITY	C1	C2	C3	H	H1	H2	L	W	W1	SUGGESTED SHACKLE
110RH:										
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	82.0	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	159.5	79.0	Crosby G-2140-55t or TBX-50t
100	170.0	88.0	-	442.0	260.0	65.0	176.0	213.0	122.0	Crosby G-2140-120t or TBX-110t

lb/inches (conversion of above dimensions)										
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	2.60	3.23	1.02	TBX-5t
22,046.2	2.36	1.30	2.87	7.88	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
66,138.7	3.43	1.73	3.82	9.76	5.91	1.97	3.82	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:										
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	164.0	110.0	50.0	66.0	82.0	33.0	Crosby G-2130-6.5t 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

lb/inches (conversion of above dimensions)										
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-2130-6.5t 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	2.60	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) GΩ
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
Crawl in 30 min.	< ± 0.03%	Seal Type / IP Rating	Environmentally Sealed / IP67
Input Resistance	1100Ω ± 50	Cable Color Code	Excr Red Excr Black Sig+ Green Sig- White Sen+ Blue Sen- Yellow Shield Bare
Output Resistance	1000Ω ± 10		
Element Material	Alloy Steel, Powder Coating		

PART NUMBER**

110RH	Part No.	Self Weight with Cable Approx. (kg)
Rated Capacity		
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

AVAILABLE OPTIONS

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

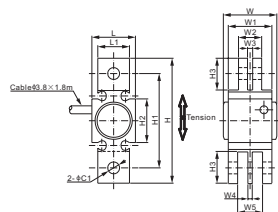
1t-10t: OIML MAA C3, Y=15 000
10t-50t: OIML MAA C3, up to C6, Y=13 500

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

110ZHBL

Alloy Steel

ANYLOAD



CE ATEX FM IECEx RoHS

DIMENSIONS

RATED CAPACITY	C1	H	H1	H2	H3	L	L1	W	W1	W2	W3	W4	W5
110ZHBL534: kg/mm 1.500	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 2.500	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] 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	1200Ω ± 60	Cable Color Code	Exc+ Red Exc- Black Sig+ Green Sig- White Shield Bare
Output Resistance	1000Ω ± 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.

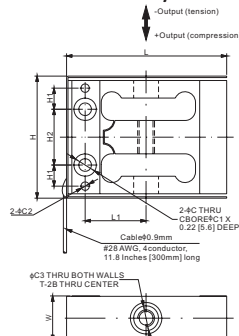
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ANYLOAD

101AALS; 101ASLS

Aluminum/Stainless Steel



CE ATEX FM IECEx RoHS

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)											
100-45.36	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] 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	1000Ω ± 15		
Output Resistance	1000Ω ± 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	-	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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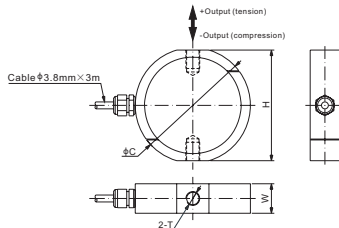
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FORCE MEASUREMENT

101RS

ANYLOAD

Stainless Steel



DIMENSIONS

RATED CAPACITY	C	H	W	T
N/mm				
100,250,500,750	50.0	48.0	12.4	M6 Depth0.8
lb/inches (conversion of above dimensions)				
22.48,56.2,112.4,168.6	1.97	1.89	0.49	M6 Depth0.31

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
Output Resistance	350Ω ± 3		Shield Bare
Element Material	17-4PH Stainless Steel		

PART NUMBER*

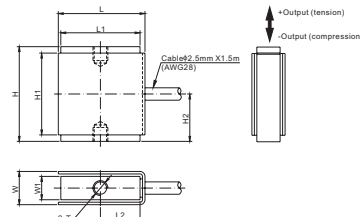
Rated Capacity	Part No.	Weight Approx. (kg)
100N.....	101RS-100N.....	0.2
250N.....	101RS-250N.....	0.2
500N.....	101RS-500N.....	0.2
750N.....	101RS-750N.....	0.2

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

ANYLOAD

101RSLs

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)									
113.4-45,359.24	19.1	16.5	9.6	17.5	16.0	8.0	6.7	4.7	M3 X 0.5 Depth 2.8

SPECIFICATIONS

Full Scale Output	1.0 mV/V ± 20% (0.25-0.5lb); 2.0 mV/V ± 20% (1-100lb)	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.....	101RSLs-0.25lb.....	0.1
0.5lb.....	101RSLs-0.5lb.....	0.1
1lb.....	101RSLs-1lb.....	0.1
2lb.....	101RSLs-2lb.....	0.1
5lb.....	101RSLs-5lb.....	0.1
10lb.....	101RSLs-10lb.....	0.1
25lb.....	101RSLs-25lb.....	0.1
50lb.....	101RSLs-50lb.....	0.1
100lb.....	101RSLs-100lb.....	0.1

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

107CH

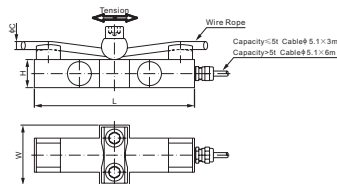
Alloy Steel

ANYLOAD



RATED CAPACITY	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

DIMENSIONS



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 Sig+ Green Sig- White
Output Resistance	700Ω ± 10		

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.

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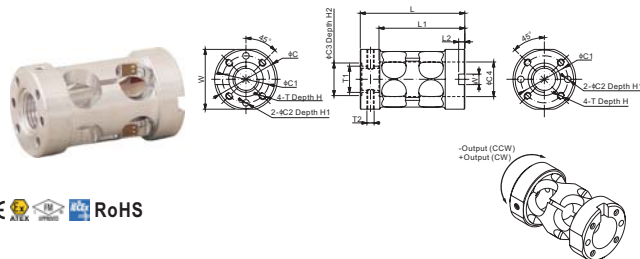
112BA

Aluminum



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

DIMENSIONS



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.

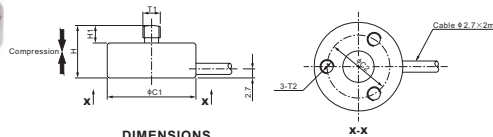
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247AA; 247AS

Aluminum / Stainless Steel

ANYLOAD



CE ATEX FM IECEx RoHS

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)						
2.20-44.09	0.79	0.59	0.43	0.16	M3	M3 Depth 0.20
247AS:						
kg/mm						
30-200	20.0	15.0	11.0	4.0	M3	M3 Depth 5.0
500-1,000	25.4	18.0	15.0	5.0	M5	M4 Depth 7.0
5,000	40.0	32.0	25.0	8.0	M12	M4 Depth 8.0
lb/inches (conversion of above dimensions)						
88.14-440.92	0.79	0.59	0.43	0.16	M3	M3 Depth 0.20
1,102.3-2,204.6	1.00	0.71	0.59	0.20	M5	M4 Depth 0.28
11,023.1	1.57	1.26	0.98	0.31	M12	M4 Depth 0.24

SPECIFICATIONS

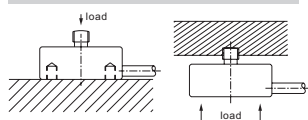
Full Scale Output	Cap. < 30kg: 1.0 mV/V ± 20%; Cap. ≥ 50kg: 1.5 mV/V ± 20%	Recommended Excitation	10V (15V Maximum)
Zero Balance	± 0.03 mV/V	Insulation Resistance	> 2,150V DC 1 GΩ
Non-linearity	< ± 0.5%	Nominal Temperature Range	-10°C to 40°C / 14°F to 104°F
Repeatability	< ± 0.3%	Safe Overload	150% 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 ± 2%	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.

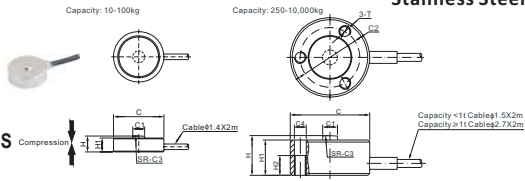
APPLICATION EXAMPLES



ANYLOAD

247ASLH; 247ASLHUN

Stainless Steel



CE ATEX FM IECEx RoHS

DIMENSIONS

RATED CAPACITY	C	C1	C2	C3	C4	H	H1	H2	T
247ASLH:									
kg/mm									
10	9.7	2.3	-	12.7	-	3.6	3.2	-	-
25-100	12.7	3.0	-	19.1	-	4.5	4.0	-	-
250-500	20.0	3.8	15.0	15.0	3.0	10.0	8.9	5.0	M3
1,000-2,000	37.6	10.9	31.8	76.2	3.0	16.0	14.0	6.4	M3
5,000-10,000	50.3	15.2	41.4	200	-	25.4	22.4	6.4	M4
247ASLHUN:									
kg/mm									
250-500	20.0	3.8	15.0	15.0	3.5	10.0	8.9	5.0	#6-32 UNC-2B
1,000-2,000	37.6	10.9	31.8	76.2	3.5	16.0	14.0	6.4	#6-32 UNC-2B
5,000-10,000	50.3	15.2	41.4	200	-	25.4	22.4	-	#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	> 2,150V DC 1 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	Cap. < 500kg: 375Ω ± 2%; Cap. ≥ 500kg: 700Ω ± 2%	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*

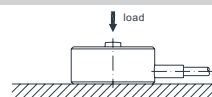
Rated Capacity	Part No.	Weight Approx. (kg)
10-100kg, No thread		
10kg	247ASLH-10kg	0.09
25kg	247ASLH-25kg	0.09
50kg	247ASLH-50kg	0.09
100kg	247ASLH-100kg	0.09
250kg to 2t, Metric thread		
250kg	247ASLH-250kg	0.11
500kg	247ASLH-500kg	0.11
1t	247ASLH-1t	0.19
2t	247ASLH-2t	0.19
5t	247ASLH-5t	0.42
10t	247ASLH-10t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

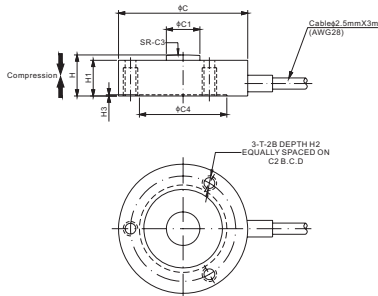


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RATED CAPACITY

RATED CAPACITY	C	C1	C2	C3	C4	H	H1	H2	H3	T
kg/mm	1.48	0.43	1.25	3.00	1.08	0.63	0.55	0.25	0.03	#6-32 UNC
lb/inches	32.6	9.5	27.6	66.1	23.8	13.9	12.1	5.5	0.7	#6-32 UNC
3-10 (conversion of above dimensions)	37.5	10.9	31.8	76.2	27.4	16.0	14.0	6.40	0.70	#6-32 UNC
2,267.96-4,535.92	37.5	10.9	31.8	76.2	27.4	16.0	14.0	6.40	0.70	#6-32 UNC

DIMENSIONS

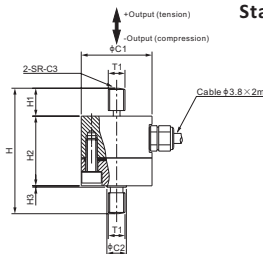
SPECIFICATIONS

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. = 5Klb: ≤ ± 0.25%; Cap. = 10Klb: ≤ ± 0.50%	Insulation Resistance	> 2 [50V DC] GΩ
Repeatability	≤ ± 0.10%	Nominal Temperature Range	-10°C to 50°C / 14°F to 122°F
Hysteresis Error	Cap. = 5Klb: ≤ ± 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.



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	1.00	0.28	0.39	1.77	0.39	0.98	0.02	M6
66.1-220.5 (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] GΩ
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.

WEIGH MODULES

ANYLOAD

ANYLOAD

101BHM2

Alloy Steel



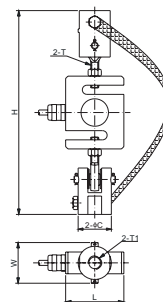
Features:

- 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	30.8	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

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101NHM2

Alloy Steel

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Features:

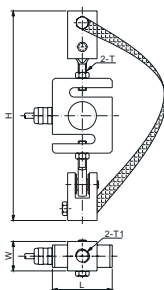
- Assembles: 101NH S-beam load cell
- Capacities: 50lb-10Klb
- Allows for high accuracy tension loading

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

ANYLOAD

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

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)

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

101NHM3

Alloy Steel

ANYLOAD



Features:

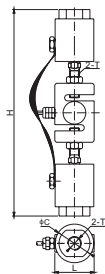
- Assembles: 101NH S-beam load cell
- Capacities: 500lb-10Klb
- Reduces "friction" found within Rod End Bearings w/Clevises
- Enables high accuracy tension loading & repeatability

Also available for our stainless steel load cells
101NSGS 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
Klb/inches					
0.5-3	10.16/10.87	1.97	2.00	1/2-20 UNF	3/4-10 UNC-2B
5-10	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-3Klb	101NHM3-(0.5-3)Klb	2.0
5Klb-10Klb	101NHM3-(5-10)Klb	3.9

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102BHM1

Alloy Steel



Features:

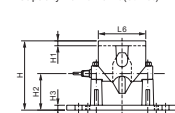
- Assembles: 102BH double ended beam load cell
- Capacities: 10Klb-200Klb/5t-100t
- Center pivoted with self-aligning suspension link design
- Allows for multi-directional movements
- No check rods required

Load Cell Certifications:

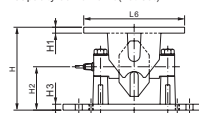


Load Cell Not Included.

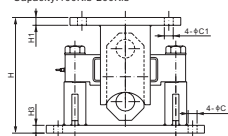
Capacity: 10Klb-25Klb(5t-15t)



Capacity: 50Klb-75Klb(25t-35t)



Capacity: 100Klb-200Klb



DIMENSIONS

LOAD CELL CAPACITY	C	C1	H	H1	H2	H3	L	L1	L2	L3	L4	L5	L6	W	W1	W2	W3	T1	T2
Klb/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, SE100Klb	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	0.96	6.36	20.00	17.01	-	10.96	-	-	-	14.02	11.02	7.87	5.75	9.39	-	-
200	1.34	1.34	19.88	1.57	-	1.57	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	-	266.9	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)
10Klb-25Klb	102BHM1-(10-25)Klb	21.7
50Klb-75Klb	102BHM1-(50-75)Klb	41.0
100Klb	102BHM1-SE100Klb	42.5
100Klb-125Klb	102BHM1-(100-125)Klb	-
200Klb	102BHM1-200Klb	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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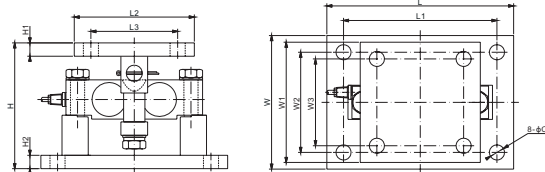
WEIGH MODULES

**Features:**

- Compact rugged & symmetrical design structure
- Assembly: Model 102BS double ended shear beam load cell
- Capacities: 50Klb-75Klb
- 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
Klb/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
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)
50Klb-75Klb	102BSM5-(50-75)Klb	45.3/99.87

INTERCHANGEABLE REFERENCE

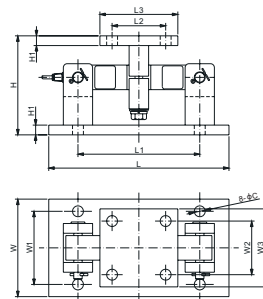
Brand	Model
Rice Lake	RL2100HE

**Features:**

- Assembles: 102ES double ended beam load cell
- Capacities: 1Klb-75Klb
- 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
Klb/inches											
1-5	0.56	5.00	0.50	8.25	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	8.02	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)											
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
15,875.7	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)
1Klb-5Klb	102ESM2-(1-5)Klb	7.7
10Klb-25Klb	102ESM2-(10-25)Klb	30.0
35Klb	102ESM2-35Klb	30.0
50Klb-60Klb	102ESM2-(50-60)Klb	67.5
75Klb	102ESM2-75Klb	-

INTERCHANGEABLE REFERENCE

Brand	Model
Rice Lake	RL1600 HE*
Mettler Toledo	VLM3S

*RL1600 HE: up to 25Klb

AVAILABLE OPTION

■ Alloy steel version: 102EHM2 (page 158)

102DHM3

Alloy Steel

ANYLOAD



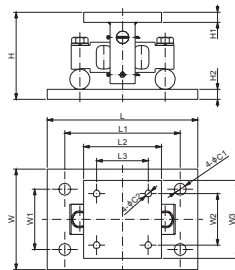
Features:

- Assembles: 102DH double ended beam load cell
- Capacities: 5Klb-250Klb
- 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	C1	C2	H	H1	H2	L	L1	L2	L3	W	W1	W2	W3
Kilb/inches													
5-20	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	9.62	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		Weight Approx. (kg)
Load Cell Capacity	Part No.	
5Klb-20Klb	102DHM3-(5-20)Klb	13.0
30Klb-75Klb	102DHM3-(30-75)Klb	38.8
100Klb	102DHM3-100Klb	62.0
150Klb	102DHM3-150Klb	62.0
200Klb-250Klb	102DHM3-(200-250)Klb	150.0

INTERCHANGEABLE REFERENCE	
Brand	Model
Rice Lake	EZ Mount 1*

* H of EZ Mount 1:
 - 10.37inch/263.4mm for 100Klb & 150Klb
 - 16.75inch/425.5mm for 200Klb-250Klb

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ANYLOAD

102DSM3

Stainless Steel



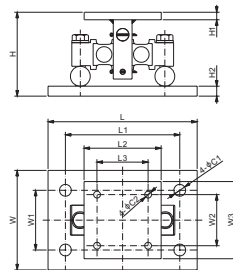
Features:

- Assembles: 102DS double ended beam load cell
- Capacities: 5Klb-250Klb
- 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	C1	C2	H	H1	H2	L	L1	L2	L3	W	W1	W2	W3
Kilb/inches													
5-20	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	9.62	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		Weight Approx. (kg)
Load Cell Capacity	Part No.	
5Klb-20Klb	102DSM3-(5-20)Klb	13.0
30Klb-75Klb	102DSM3-(30-75)Klb	38.8
100Klb	102DSM3-100Klb	62.0
150Klb	102DSM3-150Klb	62.0
200Klb-250Klb	102DSM3-(200-250)Klb	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 100Klb-150Klb

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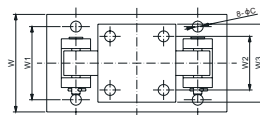
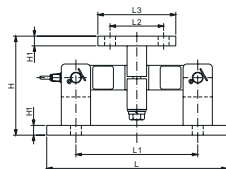
**Features:**

- Assembles: 102EH double ended beam load cell
- Capacities: 1Klb-75Klb
- 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
Kilb/inches											
1-5	0.58	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	8.00	8.00
35	0.81	8.02	0.75	12.00	7.50	6.00	8.00	8.00	6.00	8.00	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)											
453.6-2,268	12.7	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
15,875.7-34,019.4	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)
1Klb-5Klb	102EHM2-(1-5)Klb	7.7
10Klb-25Klb	102EHM2-(10-25)Klb	30.0
35Klb	102EHM2-35Klb	30.0
50Klb-60Klb	102EHM2-(50-60)Klb	67.5
75Klb	102EHM2-75Klb	-

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.



Load Cell Certifications:

**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 35Klb, CB4-7.6-20m for 50Klb & 60Klb)

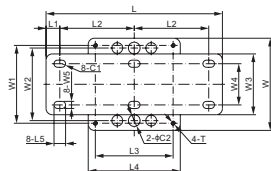
PART NUMBER

Load Cell Capacity	Part No.	Weight Approx. (kg/lb)
2.5Klb	MK4-102EHM2-2.5Klb-S	39.0/86.0
5Klb	MK4-102EHM2-5Klb-S	39.0/86.0
10Klb	MK4-102EHM2-10Klb-S	133.0/293.2
15Klb	MK4-102EHM2-15Klb-S	133.0/293.2
25Klb	MK4-102EHM2-25Klb-S	133.0/293.2
35Klb	MK4-102EHM2-35Klb-S	137.0/302.0
50Klb	MK4-102EHM2-50Klb-S	316.0/696.7
60Klb	MK4-102EHM2-60Klb-S	316.0/696.7

ANYLOAD



- Assemblies: 1027H double ended beam load cell
- Capacities: 50-75Klb
- 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 CAPACITY	C	C1	H	H1	L	L1	L2	L3	L4	L5	W	W1	W2	W3	W4	W5	T
Kilb/inches																	
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	1/2-1/3 UNC
t/mm (conversion of above dimensions)																	
22.68-34.02	38.1	11.6	325.4	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	1/2-1/3 UNC

Load Cell Capacity	Part No.	Weight Approx. (kg)
50Kib-75Kib	102THM5-AA-(50-75)Kib.....	63.0

Brand	Model
Rice Lake	Translink

106MHM1



- Assemblies: 106MS-F-YZ Fatfoot® load cell
- Capacities: 500kg, 1t, 2t, 1Klb, 2.5Klb, 5Klb, 10Klb
- Center pivoted and Self-checking with 50% rated load anti-lifting protection
- All direction for thermal expansion and contraction

CE    RoHS

LOAD CELL CAPACITY	H	H1	H2	H3	L	L1	L2	W	W1	T
Kilb/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	5.91	0.08	2.17	2.13	3/4-16 UNF
mm										
0-1	95.3	68.0-91.0	43.8	14.0	175.0	140.0	2.0	50.0	49.5	M12
2-5	111.8	70.0-100.0	43.8	14.0	175.0	140.0	2.0	50.0	49.5	M16

Load Cell Capacity	Part No.	Weight Approx. (kg)
1Kib-2.5Kib	106MHM1-(1-2.5)Kib	1.38
5Kib-10Kib	106MHM1-(5-10)Kib	-
0.5-1t	106MHM1-(0.5-1)t	1.38
2t	106MHM1-2t	-

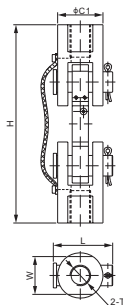
Brand	Model
Rice Lake	Translink

**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	3/4-16 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	3/4-16 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

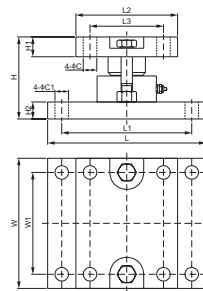
Load Cell Capacity	Part No.	Weight Approx. (kg)
1t.....	110BHM3-1t.....	0.6
2t.....	110BHM3-2t.....	1.2
5t.....	110BHM3-5t.....	3.0
10t.....	110BHM3-10t.....	6.4

**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
t/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
kib/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®



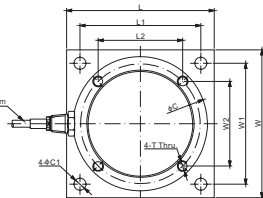
Features:

- 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 < 100lb/5t - Cable #5, 1x6m
Capacity > 25Klb/12t - Cable #7, 6x6m or 10m



DIMENSIONS

RATED CAPACITY	C	C1	H	H1	H2	L	L1	L2	W	W1	W2	T
Kilb/inches												
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	8.86	6.11	4.98	8.86	6.11	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
t/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	M16x2.5
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 Cap. > 2.5t/5Kib: < ± 0.02 mV/V	Recommended Excitation	10V (15V Maximum)
Non-linearity	Cap. < 1.2t/2.5Kib: < ± 0.05% Cap. > 2.5t/5Kib: < ± 0.1% or < ± 0.3% Cap. > 25t/50Kib: < ± 0.3%	Insulation Resistance	> 2 [50V DC] GO
Repeatability	< ± 0.05%	Thermal Expansion / Contraction or Minor Misalignment	500kg - 5t/1K - 10Kib: 2mm 12t - 100t/25Kib - 50t: 3mm
Hysteresis Error	Cap. < 1.2t/2.5Kib: < ± 0.05% Cap. > 2.5t/5Kib: < ± 0.1% or < ± 0.3% Cap. > 25t/50Kib: < ± 0.3%	Compensated Temperature Range	-10°C to 50°C / 14°F to 122°F
Creep in 30 min.	< ± 0.05%	Safe Overload	150% of full scale
Input Resistance	700Ω ± 10	Breaking Overload	300% of full scale
Output Resistance	700Ω ± 5	Up Lift Protection	50% of full scale
		Side Load Protection	50% of full scale
		Seal Type / IP Rating	Hermetic Seal / IP68/IP69K
		Cable Color Code	Exc+ Red Exc- Black Sig+ Green Sig- White Shield Bare

AVAILABLE OPTIONS

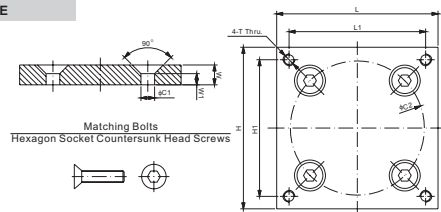
■ Alloy Steel construction: 363TSM1

PART NUMBER

Cable Length: 6m	Part No.	Weight Approx. (kg)
Rated Capacity		
1Kib.....	363TSM1-1Kib.....	-
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	Part No.	Weight Approx. (kg)
Rated Capacity		
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



RATED CAPACITY	C1	C2	H	H1	L	L1	W	W1	T
Kilb/inches									
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	0.63	0.35	3/8-16 UNC-2B
25-50	0.53	4.96	6.22	4.92	6.22	4.92	0.78	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
t/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	15.9	M16x2.5
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)

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

OPTIONAL MOUNTING TOP PLATE

■ Accessory item number (page 165)

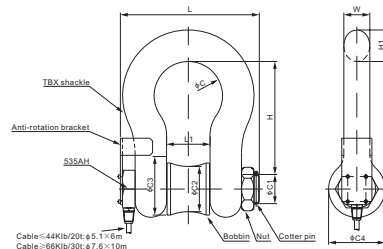


Features:

- Load cell and shackle integration
- High tensile anchor shackle meets ISO2415-2004 requirements
- Bobbin design provides high accuracy and repeatability



Load Cell Certifications:



DIMENSIONS										
LOAD CELL CAPACITY	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
100	146	60	90	100	122	197	61	295	82.5	53
200	200	85	128	142	165	330	92	436	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 | GND
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	350Ω ± 10	Cable Color Code	Exc+ Red Exc- Black Sig+ Green Sig- White Shield Bare
Output Resistance	350Ω ± 3		
Element Material	Alloy steel		

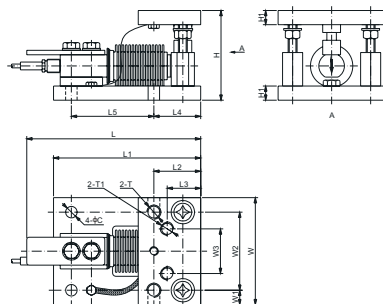
PART NUMBER		
Load Cell Capacity	Part No.	Weight Approx. (kg)
5t.....	535AHM2-5t.....	1.2
10t.....	535AHM2-10t.....	3.6
15t.....	535AHM2-15t.....	5.4
20t.....	535AHM2-20t.....	9.2
30t.....	535AHM2-30t.....	7.4
50t.....	535AHM2-50t.....	17.0
100t.....	535AHM2-100t.....	63.0

**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

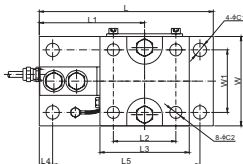
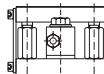
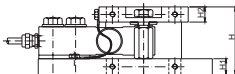
Complete Set Includes:

- (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)

Alloy Steel



Load Cell Not Included



LOAD CELL CAPACITY	C1	C2	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	1.08	0.98	9.57	6.00	3.35	4.72	0.75	8.07	4.72	3.35
10,000-20,000	0.87	0.79	5.73	1.42	1.26	12.92	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	165.0	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	18.0	205.0	120.0	85.0
22,000	22.0	20.0	145.3	36.0	33.0	318.0	197.0	104.0	152.5	22.0	247.0	152.0	104.0

SE refers to small envelope

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.....	42.5
3t-5t.....	563YHM4-(3-5)t-02.....	9.8
10t.....	563YHM4-10t-02.....	20.5

* 15Klb-20Klb is not applicable to 563YH-23

- Assemblies: 563Y4 alloy steel 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 fillet entire mount 180° for further mount options
- Side holes each side for shipping & installation brackets
- Flexible stainless steel braided grounding strap

MK4-563YHM4

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.



RoHS

- (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)

Load Cell Capacity	Part No.	Weight (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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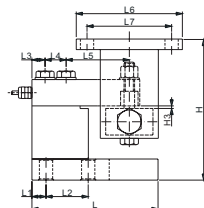
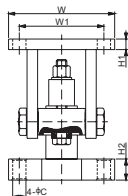
WEIGH MODULES

**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 _{MIN} /Max	H1	H2	H3 _{MIN}	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*

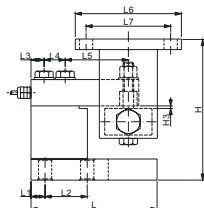
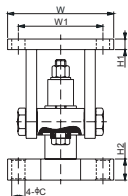
* H_{MIN} of RL1800 is 5.25/5.56 inch for 100lb to SE5Klb.
6.12/6.62 inch for 5Klb to 10Klb.

**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 _{MIN} /Max	H1	H2	H3 _{MIN}	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	133.4/141.2	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

Stainless Steel

ANYLOAD



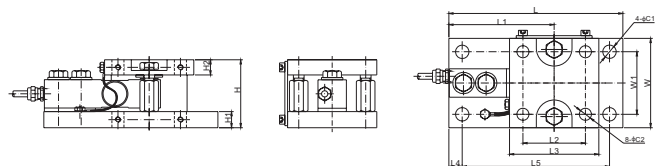
Features:

- Assemblies: 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-SE5,000	0.59	0.53	2.99	0.71	0.87	7.68	4.85	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

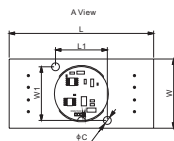
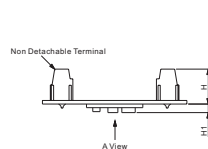
Load Cell Capacity	Part No.	Weight Approx. (kg)
500lb-SE5Klb.....	563YSM3-(0.5-SE5)Klb-02.....	4.2
5Klb-10Klb.....	563YSM3-(5-10)Klb-02.....	9.5
250kg-2t.....	563YSM3-(250kg-2t)-02.....	4.2
3t-5t.....	563YSM3-(3-5)t-02.....	9.5

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

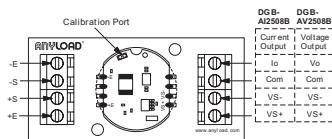
SPECIFICATIONS

Load Cell Type	All strain gage type	Non-linearity	$\leq 0.02\%$
Power Supply And Consumption	12 - 24 V DC	Temperature Coefficient	$\leq 100 \text{ ppm}/^\circ\text{C}$
Input Range	0.2 - 10.0 mV/V	Output Signal	0 - 20 mA; 4 - 20 mA; or 0 - 5 V DC; 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

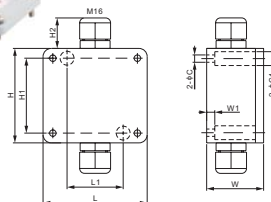
Part No.	Output Signal	Shipping Weight Approx. (lb/kg)
DGB-AI2508B.....	0 - 20; 4 - 20 mA.....	0.09/0.04
DGB-AV2508B.....	0 - 5; 0 - 10; -5 - 5 V DC.....	0.09/0.04

CONNECTION DIAGRAM



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, or max 8 x 700 Ω (or higher resistance) load cells through a junction box
- One output port, signal can be either 0...10 V or 4...20 mA



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 \pm 10%
Input Range	mV 0 - 30
Max. Power Voltage	DC 30V 2.5A
Output Signal (Zero adjustable \pm 20%)	V DC 0 - 10 mA 4 - 20
Max. Output Current	mA 40
Max. Input Offset Voltage	μ V 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	$^\circ\text{C}/^\circ\text{F}$ -10 - 50 / 14 - 122
Linearity	$\leq 0.02\%$
Voltage Full Scale Temperature Drift	ppm/ $^\circ\text{C}$ 50
Current Full Scale Temperature Drift	ppm/ $^\circ\text{C}$ 60

PART NUMBER

Part No.	*Compatibility with Balfour's IO-LINK Modules	Weight Approx. (kg)
----------	--	------------------------

A1A-22B..... Yes..... 0.17

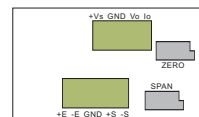
* compatible models of IO-Link of Balfour:

- 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

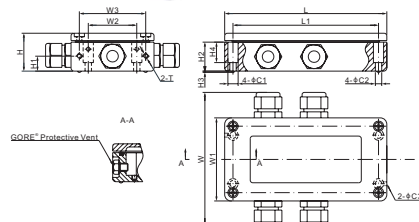
CONNECTION DIAGRAM





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

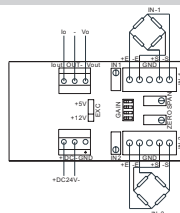
SPECIFICATIONS

Load Cell Type	All strain gage type	Linearity	$\leq 0.02\%$
Power Supply	V DC 24 $\pm 20\%$	Max. Input Offset Voltage	μV 50
Input Range	mV 0 ± 36	Min. Common-mode	dB 100
Max. Power	W 4.35	Rejection Ratio (G=10)	
Output Signal	V 0 - 10 / 0 ± 10	IP Rating	IP66
	mA 4 - 20 (Adjustable $\pm 20\%$)	Enclosure Material	Aluminum casting
Voltage Full Scale	ppm/°C 80	Excitation voltage to load cell	V 5 or 12
Current Full Scale		Tare Limit	Shall not exceed 30% of full load
Temperature Drift	ppm/°C 100	Operating temperature range	°C / °F -10 - 50 / 14 - 122

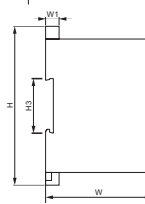
PART NUMBER

Part No.	Shipping Weight Approx. (kg)
A2A-D2.....	0.5

CONNECTION DIAGRAM



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	μV 50
Input Range	mV 0 ± 36	Min. Common-mode	dB 100
Max. Power	W 4.35	Rejection Ratio (G=10)	
Output Signal	V 0 ± 10	Installation	Standard rail channel (indoor)
	mA 4 - 20	Enclosure Material	PVC casting
Voltage Full Scale	ppm/°C 50	Excitation voltage to load cell	V 5 or 12
Temperature Drift	ppm/°C 80	Tare Limit	Shall not exceed 30% of full load
Current Full Scale		Operating temperature range	°C / °F -10 - 50 / 14 - 122
Temperature Drift	ppm/°C 80		

PART NUMBER

Part No.	*Compatibility with Bailuff's IO-LINK Modules	Weight Approx. (kg)
A2P-D2.....	No.....	0.2
A2P-D2B.....	Yes.....	0.2

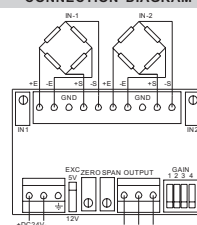
* compatible models of IO-Link of Bailuff's:

- 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



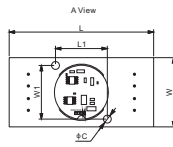


Features:

- 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

A View



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

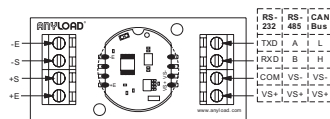
SPECIFICATIONS

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

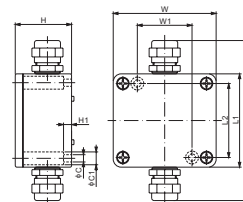
CONNECTION DIAGRAM



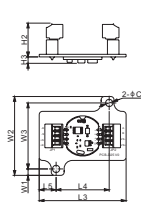
Features:

- 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

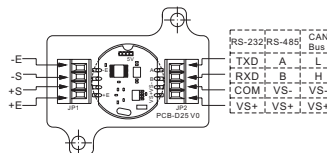
Without Aluminum Enclosure

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 $\pm 10\%$	Number Of Decimals	0-4
Power Consumption	5 W	Display Increments	x1x2x5x10x20x50x100
Number Of Load Cells	up to 8x350 Ω -4/6 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/ $^{\circ}\text{C}$; $<0.003\%$ full scale/ $^{\circ}\text{C}$ (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 $\pm 10\text{mV}$ and sensitivity 2mV/V)	$\pm 999999 \pm 0.01 \mu\text{V/d}$	Serial Ports	RS-485
Input Range	$\pm 39 \text{ mV}$	Baud Rate	2400, 4800, 9600, 19200, 38400, 115200(bit/s)
Usable Load Cells Sensitivity	$\pm 7 \text{ mV/V}$	Analog Output(analogue only)	16 bit(65535 divisions; 0-20 mA; 4-20 mA(up to 300 Ω); 0-10 V; 0-5 V; $\pm 10 \text{ V}$; $\pm 5 \text{ V}$ (min 10 k Ω))
Conversions Per Second	Max 300/s	Humidity	85% (non condensing)
		Operating Temperature Range	-4 $^{\circ}\text{F}$ to 140 $^{\circ}\text{F}$ / -20 $^{\circ}\text{C}$ to 60 $^{\circ}\text{C}$
		Storage Temperature	-22 $^{\circ}\text{F}$ to 176 $^{\circ}\text{F}$ / -30 $^{\circ}\text{C}$ to 80 $^{\circ}\text{C}$



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

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Main Board of Junction Box

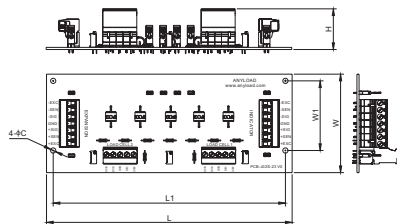


Features:

- 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/Overvoltage 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	3.9	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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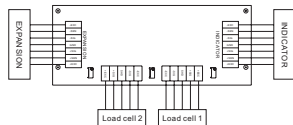
TRIMMING RANGE

Load Cell Resistance	Signal Trim
350 Ω	3.6% of output
700 Ω	6.3% of output
1000 Ω	7.0% of output

PART NUMBER

Trimming	Section Trim	Lighting Protection	Part No.	Weight Approx. (kg)
Signal	Yes	Yes	J02S-23-MB	0.3

MOTHERBOARD LAYOUT

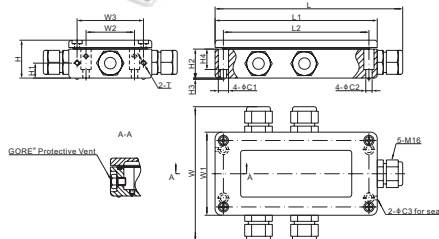


Aluminum



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	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 7
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 0.28

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

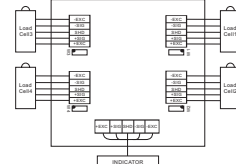
Load Cell Resistance	Signal Trim	Excitation Trim
350 Ω	3.6% of output	2.3% of output
700 Ω	6.3% of output	1.3% of output
1000 Ω	7.0% of output	1.0% of output

PART NUMBER*

Trimming	Part No.	Weight Approx. (kg)
Excitation Trim	J04EA-16	0.5
Signal Trim	J04SA-16	0.5

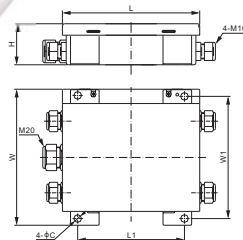
*ATEX, FM, IECEx approved versions carry the "Ex" suffix.

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

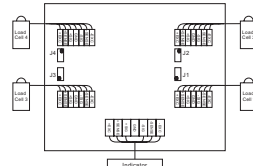
PART NUMBER*

Trimming	Lightning Protection	Part No.	Weight Approx. (kg)
Excitation.....No.....	J04ES	.....0.7	
Signal.....No.....	J04SS	.....0.7	
Excitation.....Yes.....	J04ES-II	.....0.7	
Signal.....Yes.....	J04SS-II0.7	

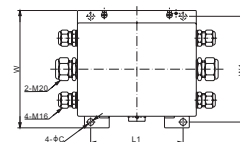
*ATEX, FM, IECEx approved versions carry the "-Ex" suffix.

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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 - 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

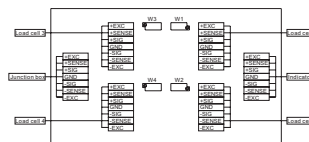
PART NUMBER*

Trimming	Breather	Part No.	Weight Approx. (kg)
Excitation.....No.....	J04SS-E	.....0.7	
Excitation.....No.....	J04ES-E	.....0.7	
Signal.....Yes.....	J04SS-E-B	.....0.7	
Excitation.....Yes.....	J04ES-E-B0.7	

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

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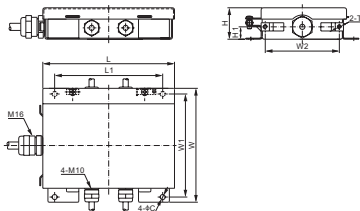
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MOTHERBOARD LAYOUT

J04ES-FS; J04SS-FS

Stainless Steel

ANYLOAD



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

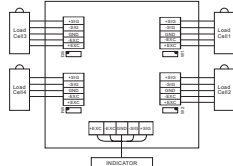
Load Cell Resistance	Signal Trim	Excitation Trim
350 Ω	3.6% of output	2.3% of output
700 Ω	6.3% of output	1.3% of output
1000 Ω	7.0% of output	1.0% of output

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



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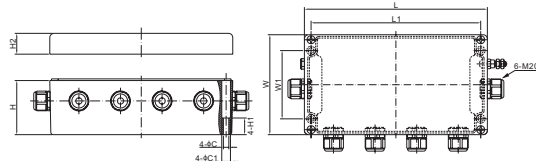
J04EP-E; J04SP-E

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 to/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

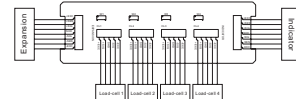
TRIMMING RANGE

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

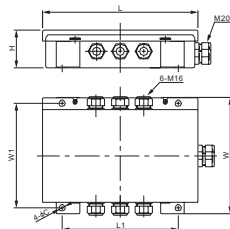
Trimming	Section Trim	Lightning Protection	Part No.	Weight Approx. (kg)
Excitation	Yes	Yes	J04EP-E-D2	1.5
Signal	Yes	Yes	J04SP-E-D2	1.5

MOTHERBOARD LAYOUT



**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 - 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

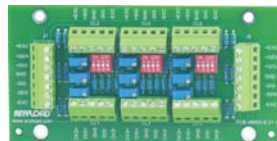
PART NUMBER*

Trimming	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-II.....	0.9

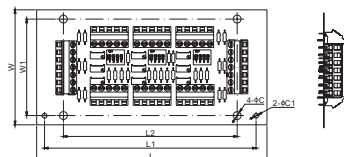
* ATEX, FM, IECEx approved versions carry the "-Ex" suffix.

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**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 to/for additional J-Box

**DIMENSIONS**

	C	C1	H	L	L1	L2	W	W1
mm	5.2	3.2	16.0	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

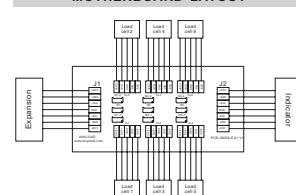
Number of Cells	2 - 6 single cells	Trimming	Section or individual cell trim, with signal trim
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TRIMMING RANGE

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 Lightning Trim	Part Protection No.	Weight Approx. (kg)
Signal.....Yes.....	Yes	J06S-E-21-MB.....	0.3

MOTHERBOARD LAYOUT

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J08ES; J08SS

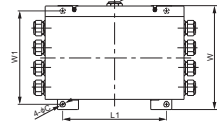
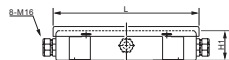
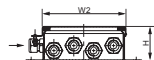
Stainless Steel

ANYLOAD



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

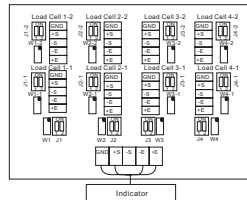
TRIMMING RANGE

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



ANYLOAD

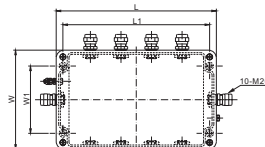
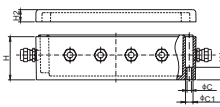
J08EP-E; J08SP-E

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 to/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



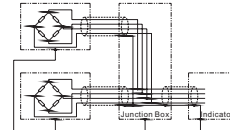
DIMENSIONS

	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



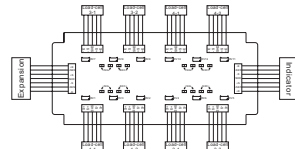
TRIMMING RANGE

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

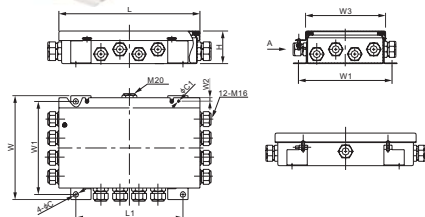
Trimming	Section Trim	Lightning Protection	Part No.	Weight Approx. (kg)
Excitation.....Yes	Yes	Yes	J08EP-E-03B	2.5
Signal.....Yes	Yes	Yes	J08SP-E-03B	2.5

MOTHERBOARD LAYOUT



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

Stainless Steel



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

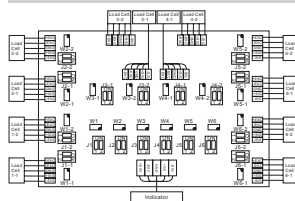
TRIMMING RANGE

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 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

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



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 350 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

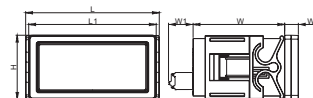
Part No.	Default Port	Additional Port	Shipping Weight Approx. (lb)
AN310-NA.....	RS-232	Analog	0.35
AN310-485.....	RS-232	RS-485	0.35
AN310-ETH.....	RS-232	Ethernet	0.35

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:

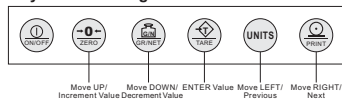
- Industrial weighing systems
- Process control and automation
- Force measurement and material testing
- Robotics and motion feedback systems
- Batching, filling, and packaging lines
- Machine monitoring and diagnostics via PLC integration



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	1 LCD
Display Digits	6 digits
Digit Height	25.4mm / 1in
Display Dimensions	14.3mm × 41mm / 5.6in × 1.6in
Power Supply	AC adapter or rechargeable lithium batteries 7.4V/4000mA
IP Rating	IP66

PART NUMBER

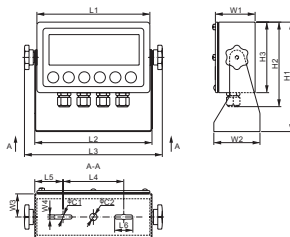
Part No.	Enclosure	Interface	Weight Approx. (kg)
805BS-B-19	Stainless steel 304	RS-232 & RS-485	2.3
805BS-TN-B	Stainless steel 201	RS-232 only	2.3

Features:

- NTEP III/IIII, 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; 3500 G; 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

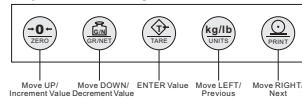


DIMENSIONS

	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
Display 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

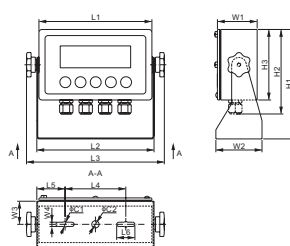
Part No.	Transformer	Weight Approx. (kg)
805TS-B-19A.....	External.....	2.3
805TS-B-19B.....	Internal.....	2.3

Features:

- NTEP III/III.L, 10 000 approved
- Measurement Canada III.L, 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 Ω; 16 × 700 Ω
Max. Power Consumption	10W
Excitation Voltage	5V DC ± 5%
Resettable Fuse	1.1A
Communication Interface	RS-232C, RS-485
Input Range	Up to 20mV
Update Rate	20ms or 50Hz
Print Interface	Serial Interface, contact with printer



DIMENSIONS

	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

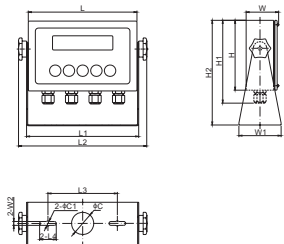


Features:

- 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 / IIHLD 10,000d / 20,000d



DIMENSIONS

L	7.7in (196mm)	H	4.9in (125mm)	W	2.3in (58mm)
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)		

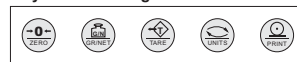
PART NUMBER

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

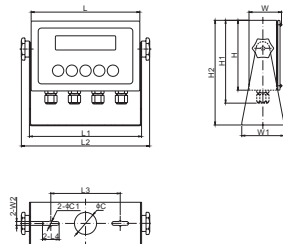
Approvals:

- NTEP: Class III/IIIL 10,000
- Measurement Canada: Class III / IIHLD 10,000d / 20,000d

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 10,000d/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

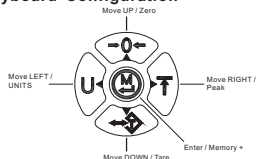


DIMENSIONS

L	7.7in (196mm)	H	4.9in (125mm)	W	2.3in (58mm)
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:

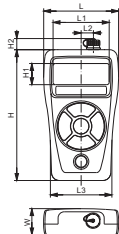
- Designed to use widely available AA batteries (not included)
- Exceptionally long battery life, up to 1600 hours
- LED backlight and panoramic FSTN LCD view angle
- Material: ABS
- IP Rating: IP65
- LCD 6-digit display with LED backlight
- Non-volatile memory for reliable data saving
- Units of Measurement: 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

PART NUMBER

Part No.	Communication Interface	Weight (kg)
805HP-01	None, 1 connector for load cell only	0.54
805HP-02	RS-232 (1 connector for RS-232, 1 for load cell)	0.54
805HP-03	None, 2 connectors both for connecting load cells	0.54

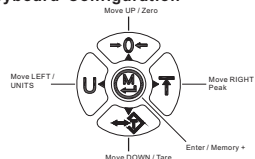


DIMENSIONS

	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



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

GENERAL SPECIFICATIONS

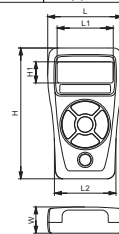
Enclosure Material	ABS
Units of Measurement	kg, g, t, lb, Kib, N, kN, oz, user-defined unit
Working Humidity	≤90% RH
Working Temperature	-20°C to 70°C / -4°F to 158°F
Dimensions	170mm × 98mm × 34mm 6.7in × 3.9in × 1.34in
Display Type	LCD
Display Digits	6 digits
Digit Height	16.8mm / 0.66in
Display Dimensions	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

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	6.25mW
Wireless Distance	Up to 30m (98ft) at lowest power set up and up to 75m (246ft) at highest power set up (no obstructions)



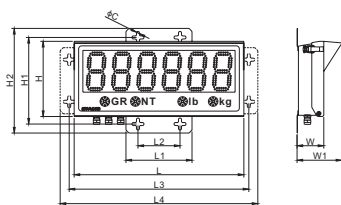
DIMENSIONS

	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

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

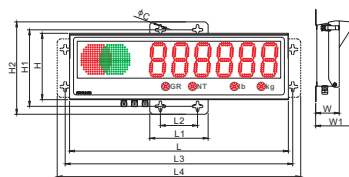
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Remote Display, 5" with Built-in Traffic Light



Bottom view



DIMENSIONS

	C	H	H1	H2	L	L1	L2	L3	L4	W	W1
mm	10	250	288	348	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	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	565mm X 250mm X 89mm 22.2" 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

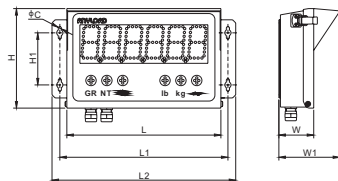
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Remote Display, 2.5" Compact Model



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, 6.5mm(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

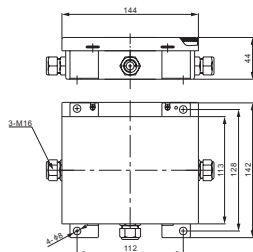
Rugged Enclosure:

- 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)GΩ
AC Discharge Current(50Hz)	10A	IP Rating	IP66

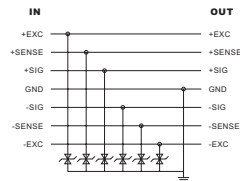
DESCRIPTION:

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



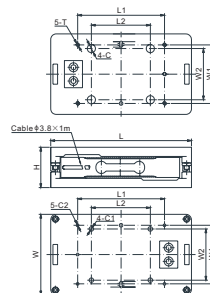
Load Cell Certifications:



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 Depth8.0
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 Depth0.31

PART NUMBER

Rated Capacity	Part No.	Weight Approx. (kg)
6kg.....	TMA-108BA-6kg.....	0.8
20kg.....	TMA-108BA-20kg.....	0.8

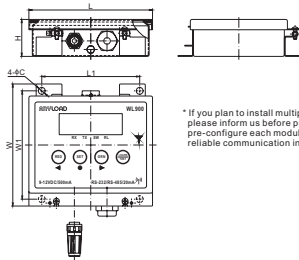
AVAILABLE OPTIONS

- Capacity of 3kg, 7kg, 10kg, 15kg and 30kg available (produced upon request)
- 6 wire cable available

Wireless RF Transmitter / Receiver
FC

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

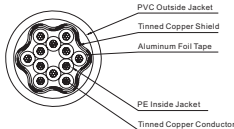
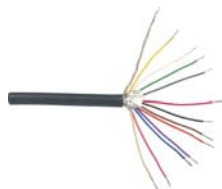
PART NUMBER

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

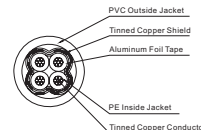


SPECIFICATIONS

Temperature	-30°C to 70°C / -22°F to 158°F
Wire Resistance	≤ 0.09 Ω/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	12 wire	7.6mm ± 0.2	0.219mm ² /wire	24	100m (328ft)	no	9.9	19.8
CB12-7.6-500ft					152m (500ft)	yes	14.4	31.7
CB12-7.6-300m					300m (984ft)	yes	27.9	59.4

Load Cell Cable



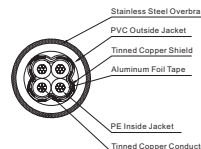
SPECIFICATIONS

Temperature	-30°C to 70°C / -22°F to 158°F
Wire Resistance	≤ 0.09 Ω/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	4 wire	5.1mm ± 0.2	0.212mm ² /wire	24	100m (328ft)	no	3.2	7.0
CB4-5.1-500ft					152m (500ft)	yes	5.6	12.3
CB4-5.1-300m					300m (984ft)	yes	10.3	22.7
CB4-7.6-100m	4 wire	7.6mm ± 0.3	0.314mm ² /wire	22	100m (328ft)	no	7.9	17.4
CB4-7.6-500ft					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	≤ 0.09 Ω/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	8.0mm ± 0.3	0.314mm ² /wire	22	100m (328ft)	yes	11.9	26.2



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

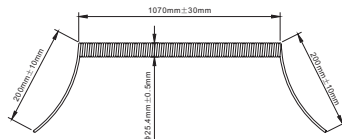
Load Cell Cable



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



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

PART NUMBER

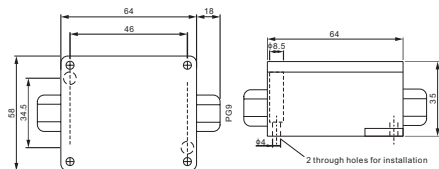
Description	With Reel	With Inner shield	With Outer shield	Diameter	Part No.	Weight Approx. (kg)
PU cable with 7 wire	No	Yes	No	7.0	CB7AP-7-9m	0.7

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

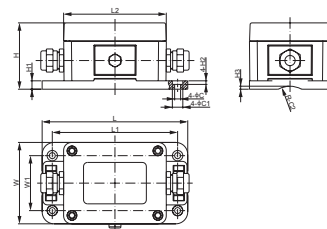
Part No.	GORE Breather Vent	Weight Approx. (kg)
CSK.....NO.....		0.22
CSK-B.....YES.....		0.22

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



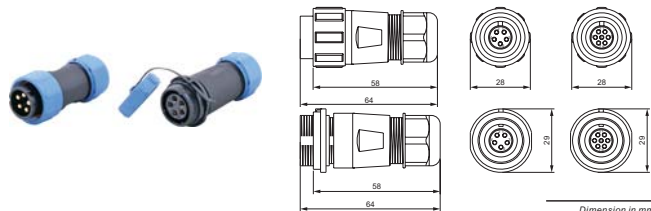
DIMENSIONS

	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.

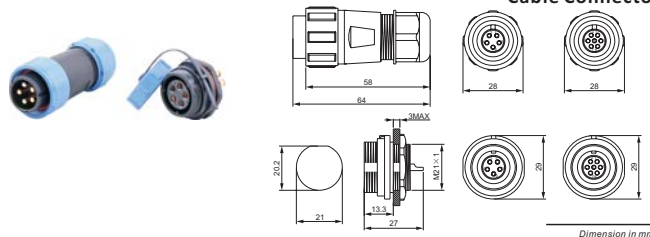
SPECIFICATIONS

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

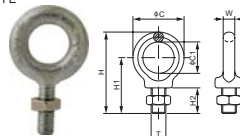
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ANYLOAD

EYE; EYH

Eyebolt, Alloy Steel

EYE



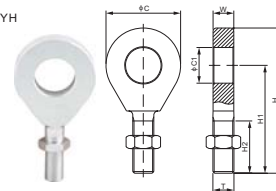
Features:

- Low carbon steel, casted, zinc plated
- One jam nut included

DIMENSIONS

PART NUMBER	T	C	C1	H	H1	H2	W	Working Load	Safe Load	Self Weight
inches										
EYE-1/4	1/4-28 UNF	1.23	0.87	1.89	1.28	0.62	0.31	0.7Klb	0.05	0.02
EYE-B-1/4	1/4-28 UNF	1.00	0.50	1.73	1.20	0.65	0.27	0.65Klb		
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	5.9Klb		0.4
mm										
EYE-M12	M12X1.75	54.0	30.0	73.5	46.5	20.5	12.0	0.36t		0.18

EYH



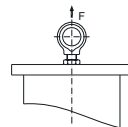
Features:

- Medium carbon steel, forged, zinc plated
- One jam nut included

DIMENSIONS

PART NUMBER	T	C	C1	H	H1	H2	W	Working Load	Safe Load	Self Weight
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	29t	3.8	

VERTICAL LOAD



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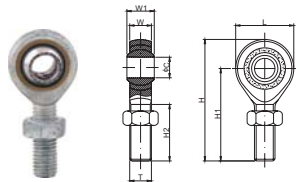
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SHACKLES, EYEBOLTS, ROD END

RE; REH

Rod End, Alloy Steel

ANYLOAD

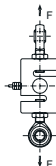


Features:

- 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	C	H	H1	H2	L	W	W1	T	Safe Working Load	Shipping Weight (kg)
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	0.83	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	5.70	4.30	2.52	2.75	1.00	1.14	1-14 UNS	15Klb	0.9
mm										
RE-M8	5.9	48.0	36.0	21.5	20.0	6.75	9.0	M8	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	88.0	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-M18	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	-

VERTICAL LOAD



ANYLOAD

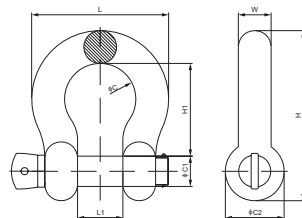
RBXS

Shackle, Stainless Steel



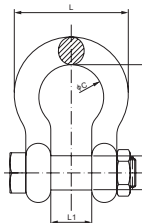
Features:

- 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



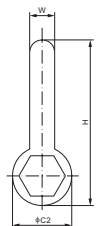
DIMENSIONS

PART NUMBER	C	C1	C2	H	H1	L	L1	W	Safe Working Load	Shipping Weight
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



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	DIMENSIONS							Safe Working Load	Shipping Weight
	C	C1	C2	H	H1	L	L1		
mm									
SBX-2t	33	16	30	84	48	59	20.5	13	2t
SBX-3.25t	42.9	19.1	38.1	106	60.5	74.5	25.9	16	3.25t
SBX-4.75t	51	22.4	46	126	71.5	89	31.8	19.1	4.75t
SBX-6.5t	58	25.4	53	148	84	102	36.6	22.4	6.5t
SBX-9.5t	74	31.8	69.5	190	108	121	46	28.7	9.5t
SBX-12t	82.6	35.1	76.2	210	119	146	52	31.8	12t
SBX-13.5t	92	38.1	84	233	133	162	57	35.1	13.5t
SBX-17t	98.5	41.4	92	254	146	174	60.5	38.1	17t
SBX-25t	127	51	106	313	178	225	73	44.5	25t
SBX-35t	146	57	122	348	197	253	82.5	51	35t
SBX-55t	184	70	145	453	267	327	105	66.5	55t
SBX-85t	200	82.5	165	546	330	365	127	76	85t
SBX-120t	229	95.5	203	626	372	419	133	92	120t
SBX-150t	254	108	229	653	368	460	140	104	150t
SBX-200t	280	130	270	837	396	520	184	115	200t
SBX-300t	300	150	320	958	450	573	200	130	300t
SBX-500t	360	185	390	1192	557.5	706	240	165	500t
SBX-800t	440	240	493	1462	660	874	300	207	800t
SBX-1000t	560	276	558	1698	780.5	1064	390	240	1000t
SBX-1250t	560	300	620	1656	850	1106	400	260	1250t

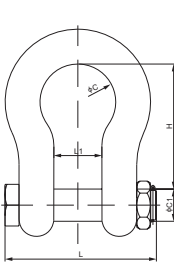
inches (conversion of above dimensions)

SBX-2t	1.30	0.63	1.18	3.31	1.89	2.32	0.81	0.51	4.4Kib	0.71lb
SBX-3.25t	1.69	0.75	1.5	4.17	2.38	2.93	1.06	0.63	7.17Kib	1.43lb
SBX-4.75t	2.01	0.88	1.81	4.96	2.81	3.5	1.5	0.75	10.47Kib	2.25lb
SBX-6.5t	2.28	1	2.09	5.83	3.31	4.02	1.44	0.88	14.33Kib	3.57lb
SBX-9.5t	2.91	1.25	2.7	7.48	4.25	5.16	1.8	1.13	20.94Kib	8.27lb
SBX-12t	3.25	1.38	3.09	8.27	4.69	5.75	2.05	1.25	26.46Kib	10.19lb
SBX-13.5t	3.62	1.5	3.31	9.17	5.24	6.38	2.24	1.38	29.76Kib	14.07lb
SBX-17t	3.88	1.63	3.62	10	5.75	6.89	2.38	1.5	37.48Kib	20.79lb
SBX-25t	5	2.01	4.17	12.32	7.01	8.86	2.87	1.75	55.12Kib	29.01lb
SBX-35t	5.75	2.24	4.8	13.7	7.76	9.96	3.25	2.01	77.16Kib	52.25lb
SBX-55t	7.24	2.76	5.71	17.83	10.51	12.87	4.13	2.62	121.25Kib	98.26lb
SBX-85t	7.87	3.25	6.5	21.5	12.99	14.37	5	2.99	187.39Kib	153.99lb
SBX-120t	9.02	3.76	7.99	24.65	14.65	16.5	5.24	3.62	264.55Kib	265.01lb
SBX-150t	10	4.25	9.02	25.71	14.49	18.43	5.51	4.09	330.69Kib	338.01lb
SBX-200t	11.02	5.12	10.63	30.95	16.60	20.47	7.24	4.53	440.96Kib	440.96lb
SBX-300t	11.81	5.91	12.60	37.72	17.72	22.56	7.87	5.12	661.4Kib	800.3lb
SBX-500t	14.71	7.28	15.35	46.93	21.95	28.93	9.45	6.50	1102.3Kib	1508lb
SBX-800t	17.32	8.45	19.41	57.55	26.98	34.41	11.81	8.15	1763.7Kib	2884.7lb
SBX-1000t	22.05	10.63	21.89	65.85	30.73	41.89	15.35	9.45	2204.8Kib	4462.2lb
SBX-1250t	22.05	11.81	24.41	73.07	33.46	43.54	15.75	10.23	2755.8Kib	5555.8lb

Remark: L1 has a tolerance of +0.2mm for L1≤ 43mm, +0.3mm for 46mm≤ L1≤ 90mm, +0.4mm for 106mm≤ L1≤ 140mm and +0.5mm for 150mm≤ L1≤ 260mm

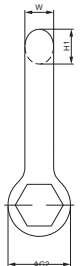
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Features:

- 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



PART NUMBER	DIMENSIONS							Safe Working Load Limit	Shipping Weight
	C	C1	C2	H	H1	L	L1		
mm									
TBX-2t	26	12	23	36.5	9.5	54	17	9.5	2t
TBX-2.5t	29.5	14	27	43	11	62	19	11	2.5t
TBX-3.25t	33	16	30	48	13	71.5	20.5	13	3.25t
TBX-5t	43	20	38	60.5	17.5	89	27	16	5t
TBX-7t	51	22	46	71.5	20.5	105	32	19	7t
TBX-9.5t	58	27	53	84	24.5	121	36.5	22.5	9.5t
TBX-12.5t	68.5	30	60.5	95	27	136.5	43	25.5	12.5t
TBX-15t	74	33	68.5	108	32	150.5	46	29.5	15t
TBX-18t	82.5	36	76	119	35	166.5	51.5	33	18t
TBX-21t	92	39	84	133.5	38	181	57	36	21t
TBX-30t	98.5	42	92	146	41	196.5	60.5	39	30t
TBX-40t	127	52	106.5	178	57	238	73	47	40t
TBX-50t	146	60	122	197	61	266.5	82.5	53	50t
TBX-60t	164	72	144.5	267	79.5	344	105	69	60t
TBX-110t	200	85	165	330	92	400	127	76	110t

inches (conversion of above dimensions)

TBX-2t	1.02	0.47	0.91	1.44	0.37	2.13	0.67	0.37	4.41Kib	0.29lb
TBX-2.5t	1.16	0.55	1.06	1.69	0.43	2.44	0.75	0.43	5.51Kib	0.49lb
TBX-3.25t	1.30	0.63	1.18	1.89	0.51	2.81	0.81	0.51	7.17Kib	0.68lb
TBX-5t	1.69	0.79	1.50	2.38	0.69	3.50	1.06	0.63	11.02Kib	1.59lb
TBX-7t	2.01	0.87	1.81	2.81	0.81	4.13	1.26	0.75	15.43Kib	2.43lb
TBX-9.5t	2.28	1.06	2.09	3.31	0.96	4.76	1.44	0.89	20.94Kib	3.88lb
TBX-12.5t	2.70	1.18	2.38	3.74	1.06	5.37	1.69	1.00	27.58Kib	5.69lb
TBX-15t	2.91	1.30	2.70	4.25	1.26	5.93	1.81	1.16	33.07Kib	8.16lb
TBX-18t	3.25	1.42	2.99	4.69	1.38	6.56	2.03	1.30	39.68Kib	11.16lb
TBX-21t	3.62	1.54	3.31	5.26	1.50	7.13	2.24	1.42	46.30Kib	14.77lb
TBX-30t	3.88	1.65	3.62	5.75	1.61	7.74	2.36	1.54	66.14Kib	18.56lb
TBX-40t	5.0	2.05	4.19	7.01	2.24	9.41	2.87	1.85	88.18Kib	31.35lb
TBX-50t	5.75	2.36	4.40	7.76	2.40	10.5	3.25	2.09	110.23Kib	51.37lb
TBX-60t	7.24	2.83	5.69	10.5	3.13	13.5	4.13	2.72	136.23Kib	92.86lb
TBX-110t	7.87	3.35	6.50	13.0	3.62	15.7	5.0	2.99	242.51Kib	164.91lb

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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:

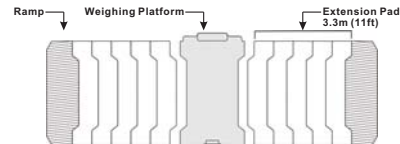
- E-ink Display With Backlight
- IP67 (Closed)
- Rechargeable Battery 600 Hours
- 24-Key Keypad
- Built-in Thermal Printer
- Pairs Up To 8 AXA Pads



(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 (500 x 370mm)	22.2 x 23.9in (563 x 606mm)	1.42in (36mm)	16kg (35.3lb) ramp included
AXA-5-5t		5t (10Klb)	2kg (5lb)				
AXA-8-10t	AXA-8	10t (22Klb)	10kg (20lb)	31.5 x 19.7in (800 x 500mm)	34.5 x 35.4in (876 x 900mm)	1.42in (36mm)	25kg (55lb) ramp included
AXA-8-15t		15t (33Klb)	10kg (20lb)				
AXA-8-20t		20t (44Klb)	10kg (20lb)				

Accessories: Extension Pad



To be ordered separately, Part Number: AXA-8-EXT-30

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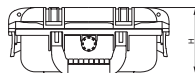
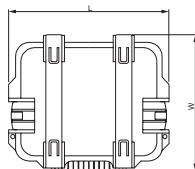
AXLE WEIGH PAD

Axle Weighing Indicator



Features:

- Long lasting 21700 lithium-ion battery with PCM approx. 600 hours of operation per charge
- High-contrast E-ink 4.2" display with LED front light for excellent visibility in all lighting conditions
- Supports wireless connection to up to 8 axle pads or scales simultaneously
- Durable silicon keypad for extended field use and tactile feedback
- Stores data for up to 1000 vehicles
- Zigbee wireless communication on 2.4GHz ISM band
- USB-A port for data backup to USB flash drives
- USB-C port for both charging and virtual COM communication
- Integrated direct line thermal printer for immediate ticket output
- IP67 rated rugged housing for outdoor and harsh industrial conditions
- Compact and portable design-only 6lb(2.7kg)



SPECIFICATIONS

Display	E-ink 4.2" with LED front light
Internal Memory	Up to 1000 vehicle records
Maximum Connections	Supports up to 8 scales
Protocol	Proprietary 802.15.4
Indoor/Outdoor Range	30 / 300 meters
USB-A Port	For USB memory stick
USB-C Port	USB VCP interface & charging
Printer	Integrated direct line thermal printer
Battery	Built-in 21700 Li-ion with PCM
Charger	12VDC, 2A SMPS adapter (Quick Charge 2.0 / 3.0 compatible)
Operating Time	Approx. 600 hours
Operating Temperature	-20°C to 60°C
Operating Humidity	85% R.H. (No Condensation)

DIMENSIONS

L	11.50in (292.0mm)	W	8.76in (248.0mm)	H	4.76in (121.0mm)
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PART NUMBER

Part No.	Weight Approx. (lb/kg)
AN560-25A	6/2.7

CRANE SCALES
& DYNAMOMETERS

ANYLOAD



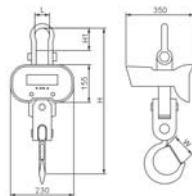
OCSA Series

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

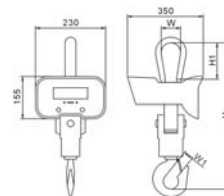
OCSB Series

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



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

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



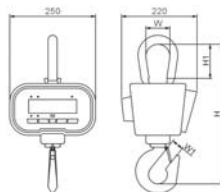
OCSC Series

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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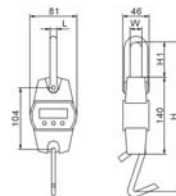
OCSL Series

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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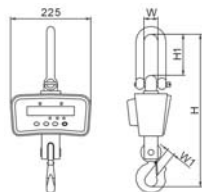
OCSM Series

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/14.5"	85mm/3.3"	25mm/1.0"	36mm/1.4"	4.3kg/9lb	5.6kg/12lb
2Klb/1t	1lb/0.5kg	370mm/14.5"	85mm/3.3"	25mm/1.0"	36mm/1.4"	4.3kg/9lb	5.6kg/12lb

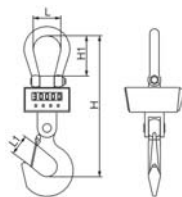
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OCSZ Series

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	OCS C
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

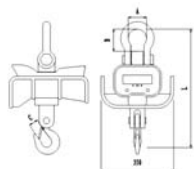
* Able to turn off by remote but can't turn on in order to avoid draining the battery at standby mode. If standby mode required, can set auto sleep instead so the scale can wake up once the load changed.



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



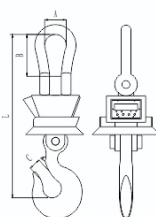
Model	OCSG1
Type	Heat Resistant
Accuracy Class	OIML III
Enclosure	Die-casting Aluminum
Display	30mm LED
Capacity Available	6 / 10 / 20 / 30Klb
Battery Life	100Hours
High Quality Load Receptor	Alloy Steel
Shackle	H.D. Bow
Hook	H.D. Eye
High Capacity Rechargeable	Yes
Battery	6V/10Ah
Infrared Remote Control	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	--

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)

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.



*Shackles & indicators optional

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	25mm 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 (package)
1t/2Klb	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/4Klb	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/6Klb	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/10Klb	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/20Klb	5kg/10lb	320mm/12.6"	120mm/4.7"	54mm/2.1"	230mm/9.1"	-	41mm/1.6"	10.4kg/23lb	13.5t
20t/40Klb	10kg/20lb	375mm/14.8"	128mm/5.0"	71mm/2.8"	260mm/10.2"	-	54mm/2.1"	17.8kg/39lb	25t
30t/60Klb	10kg/20lb	420mm/16.5"	138mm/5.4"	79mm/3.1"	280mm/11.0"	-	60mm/2.4"	25kg/55lb	35t
50t/100Klb	20kg/50lb	465mm/18.3"	150mm/5.9"	101mm/4.0"	305mm/12.0"	-	74mm/2.9"	39kg/86lb	55t
100t/200Klb	50kg/100lb	570mm/22.4"	190mm/7.5"	129mm/5.1"	366mm/14.4"	-	99mm/3.9"	91kg/201lb	120t
200t/400Klb	100kg/200lb	720mm/28.3"	265mm/10.4"	180mm/7.1"	440mm/17.3"	-	135mm/5.3"	210kg/463lb	Call

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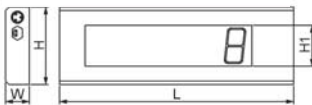
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OCSD Series

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:** 6-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

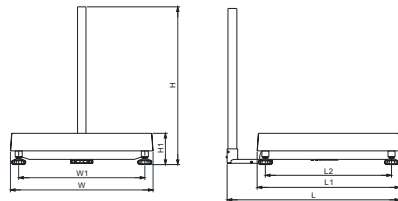
Bench Scale, Mild Steel



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	666	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 198-201)

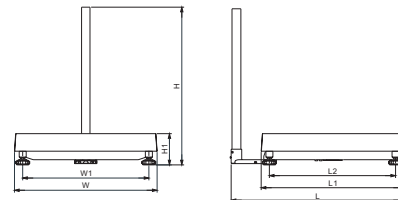
Bench Scale, 304 Stainless Steel



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	666	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 198-201)

LOAD CELL UPGRADE OPTION

- IP68, IP69K hermetically seal stainless steel load cell, 651JS (page 96)

FLOOR SCALE PLATFORMS & HARDWARES

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FSP-TA

Floor Scale, Mild Steel



Dual Access to Junction box - from Top & Side:

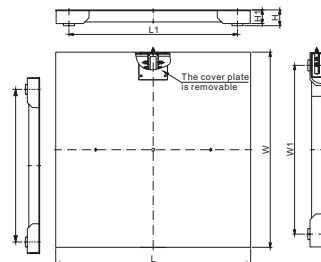


Features:

- Dual access to junction box - from Top & Side
- Heavy-duty industrial grade design
- Ultra Rigid steel honeycomb channelled 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:

- 1 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



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

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FSP-HD; FSP-GH

Heavy Duty Floor Scale, Mild Steel

ANYLOAD

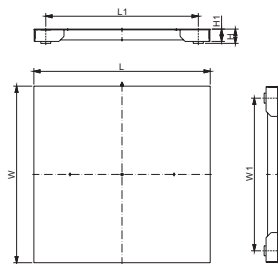


Features:

- Super heavy duty industrial design
- 6mm thick rigid steel channel frame
- Pre-trimmed corners
- Threaded eyebolt holes for easy lifting

Complete Set Includes:

- IP67 alloy 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



DIMENSIONS						
PLATFORM SIZE	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

- 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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FSP-SS-S4

Floor Scale, Stainless Steel

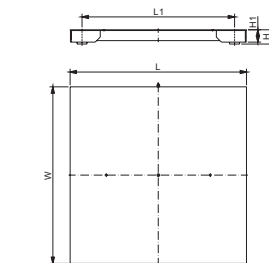


Features:

- 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 AMF-S4 with removable rubber base
- 2 eyebolts
- 1 IP65 stainless steel junction box J04ES-FS
- 1 level bubble



DIMENSIONS						
PLATFORM SIZE	H	H1	L	L1	W	W1
mm						
FSP3X3-SS-S4	107-121	85.0	1219.0	1054.0	1219.0	1054.0
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	35.98	29.53	35.98	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
FSP3X3-300kg-SS-S4	300kg	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
FSP4X4-1Klb-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-5Klb	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-5Klb	59" x 59" x 4"	200kg / 441 lb	0.24" / 6mm

- 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

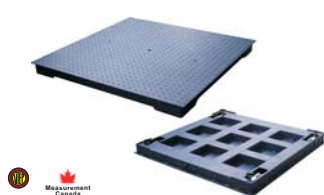
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OPTIONAL ACCESSORIES

- Indicators (page 198-201)
- Ramp-17 (page 252)
- Bumper Guards (page 253)

Floor Scale, Mild Steel

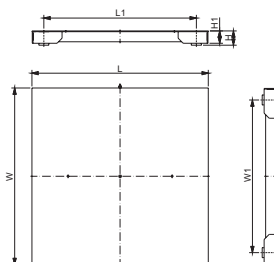


Features:

- 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						
FSP3X3	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	1165.0
FSP5X7	109-120	86.0	1500.0	1300.0	1734.0	1534.0
FSP4X4-GI	104-117	85.0	1219.0	1054.0	1219.0	1054.0
inches						
FSP3X3	4.06-4.61	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	72.05	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

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	500kg	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	500kg	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 15 000 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

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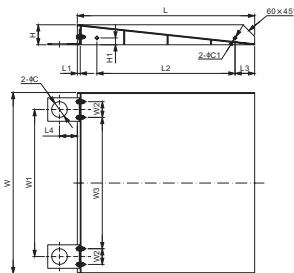


Features:

- 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	1335	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

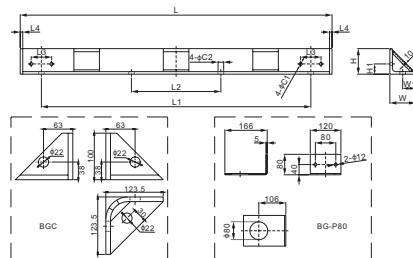
BGC (Bumper Guard Corner) to be ordered separately.

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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Load Cell Certifications:



Features:

- NTEP certified load cells from 500lb-10Kib
- OIML certified load cells from 500kg-5t
- CE, RoHS and ExNepesi 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-23)
- 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		
Q51-SA-16 (563YH, J04SA-16)		
Load Cell Capacity	Part No.	Weight Approx. (kg)
500lb	Q51-SA-16-500lb	7.9
1Kib	Q51-SA-16-1Kib	7.9
2.5Kib	Q51-SA-16-2.5Kib	7.9
4Kib	Q51-SA-16-4Kib	7.9
SE5Kib	Q51-SA-16-SE5Kib	7.9
5Kib	Q51-SA-16-5Kib	11.7
10Kib	Q51-SA-16-10Kib	11.7

PART NUMBER		
Q51-16 (563YH, J04EA-16)		
Load Cell Capacity	Part No.	Weight Approx. (kg)
500kg	Q51-16-500kg	8.1
1t	Q51-16-1t	8.1
1.5t	Q51-16-1.5t	8.1
2t	Q51-16-2t	8.1
3t	Q51-16-3t	11.7
5t	Q51-16-5t	11.7
500lb	Q51-16-500lb	7.9
1Kib	Q51-16-1Kib	7.9
2.5Kib	Q51-16-2.5Kib	7.9
4Kib	Q51-16-4Kib	7.9
SE5Kib	Q51-16-SE5Kib	7.9
5Kib	Q51-16-5Kib	11.7
10Kib	Q51-16-10Kib	11.7

PART NUMBER		
Q51-SA-23 (563YH-23, J04SA-16)		
Load Cell Capacity	Part No.	Weight Approx. (kg)
500lb	Q51-SA-23-500lb	7.9
1Kib	Q51-SA-23-1Kib	7.9
2.5Kib	Q51-SA-23-2.5Kib	7.9
4Kib	Q51-SA-23-4Kib	7.9
SE5Kib	Q51-SA-23-SE5Kib	7.9
5Kib	Q51-SA-23-5Kib	11.7
10Kib	Q51-SA-23-10Kib	11.7

PART NUMBER		
Q51-23 (563YH-23, J04EA-16)		
Load Cell Capacity	Part No.	Weight Approx. (kg)
500lb	Q51-23-500lb	7.9
1Kib	Q51-23-1Kib	7.9
2.5Kib	Q51-23-2.5Kib	7.9
4Kib	Q51-23-4Kib	7.9
SE5Kib	Q51-23-SE5Kib	7.9
5Kib	Q51-23-5Kib	11.7
10Kib	Q51-23-10Kib	11.7



Load Cell Certifications:



Features:

- NTEP certified load cells from 500lb-10Kib
- OIML certified load cells from 500kg-5t & 10K-10Kib (Q53); OIML certified load cells from 1Kib-10Kib (Q55);
- CE, RoHS and ExNepesi certified load cells
- Full Scale Output: 2mV/V \pm 0.25% (Q53); 3mV/V \pm 0.25% (Q55);
- 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 (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		
Q53-SA-16 (563YS, J04SA-16)		
Load Cell Capacity	Part No.	Weight Approx. (kg)
500lb	Q53-SA-16-500lb	7.6
1Kib	Q53-SA-16-1Kib	7.6
2.5Kib	Q53-SA-16-2.5Kib	7.6
4Kib	Q53-SA-16-4Kib	7.6
SE5Kib	Q53-SA-16-SE5Kib	7.6
5Kib	Q53-SA-16-5Kib	11.4
10Kib	Q53-SA-16-10Kib	11.4

PART NUMBER		
Q53-16 (563YS, J04EA-16)		
Load Cell Capacity	Part No.	Weight Approx. (kg)
250kg	Q53-16-250kg	7.6
500kg	Q53-16-500kg	7.6
1t	Q53-16-1t	7.6
2t	Q53-16-2t	7.6
3t	Q53-16-3t	11.4
5t	Q53-16-5t	11.4
500lb	Q53-16-500lb	7.6
1Kib	Q53-16-1Kib	7.6
2.5Kib	Q53-16-2.5Kib	7.6
4Kib	Q53-16-4Kib	7.6
SE5Kib	Q53-16-SE5Kib	7.6
5Kib	Q53-16-5Kib	11.4
10Kib	Q53-16-10Kib	11.4

PART NUMBER		
Q55-SA-16 (563YS30, J04SA-16)		
Load Cell Capacity	Part No.	Shipping Weight Approx. (kg)
500lb	Q55-SA-16-500lb	7.6
1Kib	Q55-SA-16-1Kib	7.6
2.5Kib	Q55-SA-16-2.5Kib	7.6
4Kib	Q55-SA-16-4Kib	7.6
SE5Kib	Q55-SA-16-SE5Kib	7.6
5Kib	Q55-SA-16-5Kib	11.4
10Kib	Q55-SA-16-10Kib	11.4

PART NUMBER		
Q55-16 (563YS30, J04EA-16)		
Load Cell Capacity	Part No.	Shipping Weight Approx. (kg)
500lb	Q55-16-500lb	7.6
1Kib	Q55-16-1Kib	7.6
2.5Kib	Q55-16-2.5Kib	7.6
4Kib	Q55-16-4Kib	7.6
SE5Kib	Q55-16-SE5Kib	7.6
5Kib	Q55-16-5Kib	11.4
10Kib	Q55-16-10Kib	11.4

QS3-S4; QS5-S4

Quadro Set 3; Quadro Set 5



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 \pm 0.25% (QS3-S4); 3mV/V \pm 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 (SPACERS)
- 4 pcs x Stainless steel mounting feet (AMF54)
- 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)

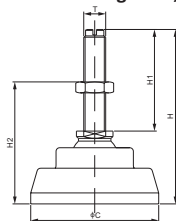
Load Cell Capacity	Part No.	Shipping Weight Approx. (kg)
500lb	QS5-GS-S4-EF-500lb	7.6
1Klb	QS5-S4-EF-1Klb	7.6
2.5Klb	QS5-S4-EF-2.5Klb	7.6
4Klb	QS5-S4-EF-4Klb	7.6
SE5Klb	QS5-S4-EF-SE5Klb	7.6
5Klb	QS5-S4-EF-5Klb	11.4
10Klb	QS5-S4-EF-10Klb	11.4

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AMF-F

Active Mounting Foot, Alloy Steel



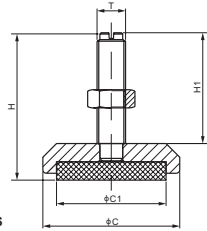
PART NUMBER	RATED CAPACITY	C	H	H1	H2	T	Self Weight Approx.(kg)
lb/inches							
AMF-F-1/2	100-4,000; SE5,000	2.76	3.85	2.17	2.01-3.68	1/2-20 UNF-2A	0.5
AMF-F-3/4	5,000-10,000	3.15	4.07	2.19	2.24-3.90	3/4-16 UNF-2A	0.8
AMF-F-1	15,000-20,000	4.17	5.51	2.95	3.21-5.45	1-14 UNF-2A	1.8
kg/mm							
AMF-F-M12	100-2,000	70	97.8	55.0	51-93.5	M12X1.75	0.5
AMF-F-M18	2,500-5,000	80	103.5	55.5	57-99	M18X1.50	0.8
AMF-F-M24	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: AMFSA-F-xx

FMF

Fixed Mounting Foot, Alloy Steel



PART NUMBER	RATED CAPACITY	C	C1	H	H1	T	Self Weight Approx.(kg)
lb/mm							
FMF60-1/2	500-SE5,000	60	48	64.5	48.5	1/2-20 UNF	0.3
FMF70-3/4	5,000-10,000	70	58	76.0	58.0	3/4-16 UNF	-
kg/mm							
FMF60-M12	100-2,000	60	48	64.5	48.5	M12X1.75	0.3
FMF70-M18	2,500-5,000	70	58	76.0	58.0	M18X1.50	-

AVAILABLE OPTIONS

- 2Cr13 Stainless Steel: FMFSSxx-xx
- 17-4PH and 304 Stainless Steel: FMFSAxx-xx

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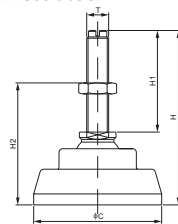
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AMFS4-F

Active Mounting Foot, 17-4PH and 304 Stainless Steel

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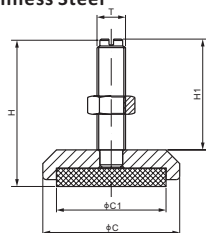
PART NUMBER	RATED CAPACITY	DIMENSIONS					Self Weight Approx.(kg)
		C	H	H1	H2	T	
lb/inches							
AMFS4-F-1/2	100-4,000; SE5,000	2.76	3.85	2.19	2.01-3.68	1/2-20 UNF-2A	0.5
AMFS4-F-3/4	5,000-10,000	3.15	4.07	2.19	2.24-3.90	3/4-16 UNF-2A	0.8
AMFS4-F-1	15,000-20,000	3.94	5.65	2.95	3.21-5.45	1-14 UNS-2A	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	M12×1.75	0.3
FMFS470-M18	2,500-5,000	70	58	76.0	58.0	M18×1.50	-

AVAILABLE OPTIONS

- Alloy Steel: FMFxx-xx
- 2Cr13 Stainless Steel: FMFSSxx-xx

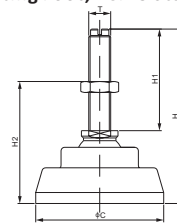
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AMFSS-F

Active Mounting Foot, 2Cr13 Stainless Steel



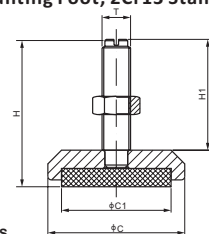
PART NUMBER	RATED CAPACITY	DIMENSIONS					Self Weight Approx.(kg)
		C	H	H1	H2	T	
lb/inches							
AMFSS-F-1/2	100-4,000; SE5,000	2.76	3.85	2.19	2.01-3.68	1/2-20 UNF-2A	0.5
AMFSS-F-3/4	5,000-10,000	3.15	4.07	2.19	2.24-3.90	3/4-16 UNF-2A	0.8
AMFSS-F-1	15,000-20,000	3.94	5.65	2.95	3.21-5.45	1-14 UNS-2A	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	M12×1.75	0.3
FMFSS70-M18	2,500-5,000	70	58	76.0	58.0	M18×1.50	-

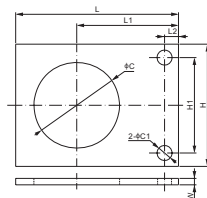
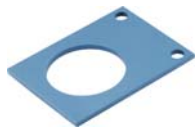
AVAILABLE OPTIONS

- Alloy Steel: FMFxx-xx
- 17-4PH and 304 Stainless Steel: FMFS4xx-xx

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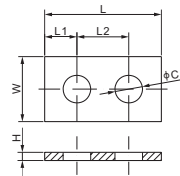
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Scale Base Mounting Plate, Mild Steel



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	100-563,000	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, SPACERSS

DIMENSIONS

PART NUMBER	LOAD CELL CAPACITY *	C	H	L	L1	L2	W	Self Weight Approx. (kg)
	kg/mm							
SPACERSS-1/2	100-2,000	13.5	4	57.20	15.8	25.4	31.8	0.05
SPACERSS-3/4	2,500-5,000	19.8	4	76.20	19.1	38.1	38.1	0.07
SPACERSS-1	10,000	26.2	5	101.6	25.4	50.8	50.8	0.15
	lb/inch							
SPACERSS-1/2	100-563,000	0.53	0.16	2.25	0.62	1.00	1.25	0.11
SPACERSS-3/4	5,000; 10,000	0.78	0.16	3.00	0.75	1.50	1.50	0.15
SPACERSS-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

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LB100

Load Bar, Alloy Steel



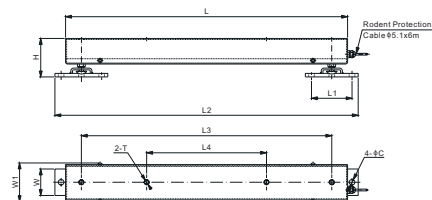
Complete Set Includes:

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 563YH-2.5Klb 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)
2.5Klb.....	LB100-5Klb.....	35.7

Alloy Steel, Load Bar (LB100) with Handheld Indicator (805HP)



Factory pre-calibrated, ready to use out of box

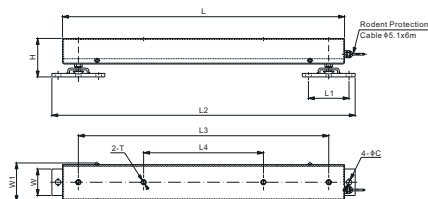
Complete Set Includes:

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)



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 date sheet of 805HP

TEST WEIGHTS

ANYLOAD



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)

Individual Packing

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

(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:

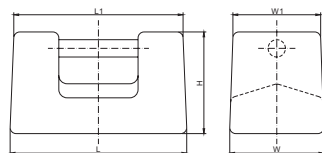
Capacity	Quantity
1g	1
2g	2
5g	1
10g	1
20g	2
50g	1
100g	1
200g	2
500g	1
1kg	1

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



DIMENSIONS

RATED CAPACITY	L	L1	W	W1	H
kg/mm					
5	150	143	80	74	86
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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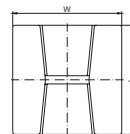
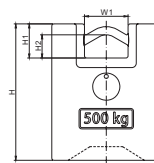
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Test Weight, Cast Iron

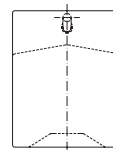


Features:

- 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-slosh 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)						
1102.3	19.7	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

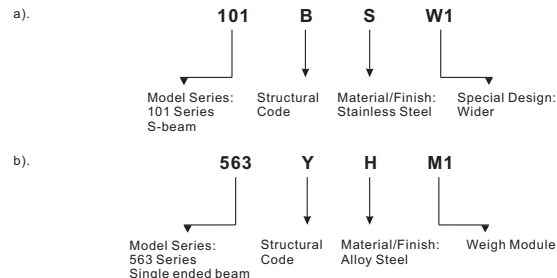
ANYLOAD

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		
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
563SHBB	50; 100lb	0.93
	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
563WS-WBL	1.25Klb	2.25
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	1.00
	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	3.30
	10Klb	3.00
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

UNIT: kg

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
102DS	200K; 250Klb	38.0
	5K	2.40
	10K; 15K; 20Klb	2.70
102EH	30K; 40K; 50K; 60K; 75Klb	9.00
	100Klb	12.1
	150Klb	18.3
	200Klb	38.0
	1K; 1.5K; 2.5K; 5Klb	1.70
102ES	10K; 15K; 20K; 25Klb	2.90
	35Klb	3.80
	50K; 60K; 75Klb	11.3
	100K; 125Klb	23.0
	200Klb	48.0
102EHL	300Klb	50.0
	40K; 50Klb	5.40
102ES	2.5K; 5Klb	1.70
	10K; 15K; 25Klb	2.90
	35Klb	3.80
102FS	50K; 60K; 75Klb	10.5
	50Klb	5.40
102MH	75Klb	5.80
	25t	19.4
102MHL	25Klb	18.8
	10t; 15t	4.00
102RHT	50K; 65K; 75K; 100Klb	8.60
	125Klb	9.20
102TH	60K	6.40
	25Klb	4.90
102TH	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	0.80
	300; 500kg; 1t; SE2t	0.80
	2t; 3t; 5t	1.50
101BS	10t	7.40
	500lb...3Klb / 300kg...1t	0.80
	5Klb / 2t; 3t	1.50
	10Klb / 5t	1.70
	15Klb	2.90
101NH	20Klb / 10t	7.00
	50; 100; 200; 250; 300lb	0.60
	500lb	0.70
	750; 1K; 1.5K; 2K; 2.5K; 3Klb	0.90
	5K; 10Klb	1.50
101NH-LB	15Klb	3.00
	20Klb	6.80
	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		
101NSGS	15Klb	6.60
	20Klb	15.0
Canisters & Disks (cup not included)		
106BH	100t	9.60
	200t	28.7
	300t	37.8
	500t	77.0
	800t/1000t	116.6
106CS;	10K, 25K, 50Klb / 10t, 15t, 25t	2.90
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
106KS	50Klb	6.30
	100Klb	13.4
106MS-F-YZ	500kg; 1t, 2t, 1K; 2.5, 5Klb	1.00
	5t / 10Klb	1.50
106PS;	10t / 20Klb	2.60
	50Klb	3.83
106PS20	70Klb	7.10
	7.5t, 15t, 22.5t	1.50
106RS	30t	4.20
	40t	3.90
106RS-FB	50t	5.20
	100t	6.20
106TS	LE50Klb; 250K	3.50
	50Klb	4.20
106TS	100Klb	4.40
	30t	5.80
266AA	SE30t	3.70
	SE50t	3.50
266AH	25, 50kg	0.30
	100, 200, 300, 500kg; 1t, 2t	0.50
266AS	3t, 5t, 10t	2.40
	20t	4.20
266AS	30t	8.30
	100, 200, 250, 500kg; 1t, 2t	0.50
266ASPT	5t	2.40
	10t	2.70
266ASPT	20t	4.20
	30t	8.30
276EH (cup included)	5t	1.70
	10t	1.90
363HHAN	5t	0.60
	10t	0.90
363YH	25t	1.80
	50t	4.20
363YH	100t	8.70
	60t	9.60
363YH	1t, 2t, 3t, 5t	2.80
	10t, 20t	5.50
363YS	30t	12.4
	50t	16.8
363YS	100t	40.8
	150t, 200t	51.0
363YS	300t	97.2
	1t, 2t, 3t, 5t	2.80
	10t, 20t	5.50
	30t	12.4
	50t	16.8
	100t	40.8
	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
108AA3MUN	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
108BATD	100, 150kg	0.35
	3, 5, 7, 10, 15, 20, 30, 50, 100kg	0.30
108CA	10, 20, 30, 60, 100, 150, 200, 250, 300kg	1.50
108DA	500, 600, 750kg; 1t	1.60
	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
108JA	LE60, LE75, LE100, SE150, SE200, SE300, SE400kg	0.70
	150, 200, 300, 400, SE600kg	1.10
108JA-21	500, 750kg; 1t, 1.5t	2.50
	2t	2.60
108KS;	30, 50, 75, 100, 150kg	0.60
108KSUN	4, 7, 10, 15, 20, 30, 50, 75, 100, 150kg	0.65
108LAMT	30, 50, 60, 100, 150, 200, 250, 300kg	0.60
108LSMT	30, 50, 100kg	1.40
108MA;	200, 300kg	1.50
	50, 75, 100, 150, 200, 250, 300, 500, 635, 660, 1000kg	1.90
108MAUN	0.2, 0.3, 0.6, 1, 2, 3, 6kg	0.10
108PA	250lb	2.60
108QSFL	6, 10, 15, 25, 50, 100lb	1.00
	200lb	1.20
108QS	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	150, 200kg	0.50
108TAAD	30, 60, 150kg	0.50
108TAAL	30, 60, 100, 150kg	1.20
108TAYM;	75, 150, 300kg	1.00
108TAYM-01	5, 10, 15, 20kg	0.90
108TS;	30, 50, 75, 100, 150kg	1.00
108TSUN	7, 10, 15, 30, 60, 100, 150kg	0.70
108TSL	10, 15, 25, 50, 100lb	0.80
108TSST	50, 100, 200, 400, 800lb	1.80
108TSVS	1Klb	2.60
108UA;	30, 50, 100, 150, 200, 300, 500, 635, 700kg; 1t, 1.5t	2.70
108UAUN	300, 400, 500, 750kg; 1t	2.70
108WSLP	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
651KS2S	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
651KS	500kg	6.50
	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, 7.5, 7.5, 15, 37.5, 75kg	0.10
	150kg	0.20
202WA	375kg	0.40
	12, 5, 18, 75, 25, 37.5lb	0.10
202WH	50, 100, 200lb / 100, 200, 300kg	0.20
	250kg	0.20
Load Pins		
535TS	2t, 5t	0.80
	10t	2.10
535TS	20t	4.60
	40t	11.2
535TS	70t	20.0
	100t	30.0
Tension Links		
110BH	1t	0.20
	2t	0.40
110BH	5t	0.80
	10t	2.40
110BH	20t	5.40
	30t	6.30
110BH	50t	22.0
	75t	35.4
110BH	100t	54.8
	120t	61.0
110ES-WL-HP	1t, 2.5t	1.70
	5t	2.10
110ES-WL-HP	10t	3.50
	20t	6.60
110ES-WL-HP	30t	10.5
	50t	21.0
110RH (Cable included)	100t	53.0
	0.5t, 1t, 2t	0.80
110RH (Cable included)	3t	1.20
	5t	2.10
110RH (Cable included)	10t	2.40
	20t	4.40
110RH (Cable included)	30t	6.40
	50t	13.9
110RH (Cable included)	100t	32.7
	0.5t, 1t, 2t	1.10
110RH (Cable included)	3t	1.30
	5t	2.00
110RH (Cable included)	10t	2.50
	20t	4.00
110RH (Cable included)	0.5t, 1t, 2t	0.60
	3t	1.00
110RH (Cable included)	5t	1.40
	10t	2.30
110RH (Cable included)	20t	4.70
	30t	5.50
110RH (Cable included)	50t	16.0
	100t	35.0
110ZHBL	534-1.5t	0.20
	634-2.5t, 634-2.5Klb	0.30
Force Measurement		
101AALS	2, 2.5, 5, 10, 25, 50, 100lb	0.10
101ASLS	200, 300, 500lb	0.30
101RS	200, 300, 500, 750N	0.20
101RSL	250g; 1, 2, 5, 10, 25, 50, 100lb	0.10
101RSL	100N, 200N	2.20
	350N	3.50
101RSL	1000N	5.20
	2000N	8.50

Force Measurement		UNIT: kg
112BA	20, 50in-oz; 12, 50, 100in-lb;	0.07
	0.14, 0.35, 1.5, 5.6, 11.3Nm	0.07
247AA	1, 2, 5, 10, 20kg	0.07
247AS	30, 50, 100, 150kg	0.07
	200, 500kg; 1t	0.11
247ASLL	5, 10Klb	0.40
	10, 25, 50, 100kg	0.09
247ASLH;	250, 500kg	0.11
247ASLHUN	1t, 2t	0.19
247BS	5, 10t	0.42
	30, 50, 100kg	0.13
247BSWM	10lb	0.10
247BSWM	25, 50, 100, 250, 500, 1000lb	0.12
	2, 3, 5Klb	0.20
247BSWM	7, 5, 10Klb	0.40
	50, 100, 500N; 5kN	0.03
296AS	20kN	0.11
	50kN	0.25
296AS	100, 200kN	0.90
Weigh Modules (load cell not included)		
101BHM2	50kg, 1.5t	1.30
	2t	3.20
101NHM2	(50-250)lb	0.40
	(0.5-2)Klb	1.40
101NHM2	5Klb	8.50
	10Klb	8.50
101NHM2	(50-250)lb	2.80
	(0.5-2)Klb	6.80
101NHM2	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
102BHM1	SE100Klb	42.5
	200Klb	450.0
102BSM5	(50-75)Klb	45.3
102DHM3	(5-20)Klb	13.0
	(20-75)Klb	38.8
102DHM3	100K, 150Klb	62.0
	(200-250)Klb	150.0
102DSM3	(5-20)Klb	13.0
	(30-75)Klb	38.8
102DSM3	100K, 150Klb	62.0
	(200-250)Klb	150.0
102EHM2	(1-5)Klb	7.70
	(10-25)Klb; 35Klb	30.0
102EHM2	(50-60)Klb	67.5
	2, 5, 5Klb	39.0
102EHM2	10, 15, 25Klb	133.0
	35Klb	137.0
102ESM2	50, 60Klb	316.0
	(1-5)Klb	7.70
102ESM2	(10-25)Klb; 35Klb	30.0
	(50-60)Klb	67.5
102THM5-AA	(50-75)Klb	63.0
	(1-2.5)Klb / (0.5-1)t	1.38
110BHM3	1t	0.60
	2t	1.20
110BHM3	5t	3.00
	10t	6.40
276EHM1	25t	17.3
	50t	27.8
276EHM1	100t	49.5

PRODUCTS GROSS WEIGHT

Weigh Modules (load cell not included)		
363TSM1	1 2U/2.5Klb	2.00
	(2.5-5)lb/(5-10)Klb	3.20
	(12-25)lb/(25-50)Klb	7.40
	50lb/100Klb	27.2
	100lb/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	50t	17.0
	100t	63.0
	(5-200)kg	2.04
MK4-563RSM5	10: 20; 50; 100; 200kg	12.0
	(0.1-SE5K)lb / (100kg-2t)	9.10
	(5-10)Klb / (3-5)t	11.0
	(0.1-SE5K)lb / (100kg-2t)	4.20
	(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	4.20
	(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;		
J04SA-16		0.50
J04ES-E;		
J04SS-E		0.70
J04ES/SS		0.70
J04ES-FS;		
J04SS-FS		0.50
J04EP-E;		
J04SP-E		1.50
J06ES/SS		0.90
J06S-E-21-MB		0.30
J08ES/SS		1.00
J08EP-E;		
J08SP-E		2.50
J12ES/SS		1.12

Indicators		
AN204		0.45
AN310		0.35
805BS		2.30
805TS		2.30

UNIT: kg

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
	500kg; 1t; 1.5t; 2t	8.10
Q53	500lb; 1K; 2.5K; 4K; SE5Klb / 250;	7.60
	500kg; 1t; 2t	11.4
	5K; 10Klb / 3t; 5t	11.4
Q55	500lb; 1K; 2.5K; 4K; SE5Klb	7.60
	5K; 10Klb	11.4
	500lb; 1K; 2.5K; 4K; SE5Klb / 250;	7.60
Q53-S4	500kg; 1t; 2t	11.4
	5K; 10Klb / 3t; 5t	11.4
Q55-S4	500lb; 1K; 2.5K; 4K; SE5Klb	7.60
	5K; 10Klb	11.4
FSP-TA	4' x 4'	120.0
	3' x 3'	72.0
FSP	4' x 4'	120.0
	5' x 5'	200.0
	4' x 6'	180.0
FSP-GI	5' x 7'	260.0
	4' x 4'	138.0
FSP-HD	4' x 4'	190.0
	4' x 4'	185.0
FSP-GH	3' x 3'	75.0
	4' x 4'	120.0
FSP-SS-S4	5' x 5'	200.0
	3' x 3'	50.9
RAMP-17	4' x 3'	61.0
	4' x 4'	81.0
	5' x 4'	103.0
BG-48		21.6
	5Klb	35.7
LB100	5Klb	35.7
	LB100-FP1	35.7
AMF-F;	M12; 1/2	0.50
	M18; 3/4	0.80
AMFSS-F;	M24; 1-14 UNS	1.80
	M12; 1/2	0.30
AMFSA-F		
	FMF;	
	FMFSS;	
FMFS4		
	REH	
RE	1/2	0.30
	M18	0.70
	3/4	0.80
M6; M12; 1/4; 1/2	1-14 UNS	0.90
		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
	M42	3.80
SBMP	80	0.58
	90	0.51
SPACER; SPACERSS	1/2	0.05
	3/4	0.07
	1	0.15
RBXS	1t	0.23
	5t	0.75
SBX	2t	0.32
	3.25t	0.65
	4.75t	1.02
	6.5t	1.62
	9.5t	3.75
TNS	12t	4.62
	13.5t	6.38
	17t	9.43
	25t	13.2
	35t	23.7
AXA	55t	44.6
	85t	69.9
	120t	120.2
	150t	153.3
	200t	237.0
AN560	300t	363.0
	500t	684.0
	800t	1313.0
	1000t	2024.0
	1250t	2511.0
TBX	2t	0.13
	2.5t	0.22
	3.25t	0.31
	10Klb/5t	0.72
	5t	0.72
LA2	7t	1.10
	9.5t	1.76
	12.5t	2.58
	15t	3.70
	18t	5.06
TMA-108B	21t	6.70
	30t	8.42
	40t	14.2
	50t	23.3
	80t	42.1
WL900-xT/ WL900-xR	110t	74.8
		0.80
	6kg; 20kg	0.80
		1.34
		0.07
CA	CAHP20-1/2	18.0
	CAEFGI-1/2	0.10
CB4	5.1mm DIA x 100mm	3.20
	5.1mm DIA x 500ft	5.60
	5.1mm DIA x 300m	10.3
	7.6mm DIA x 100mm	7.90
	7.6mm DIA x 500ft	12.7
	7.6mm DIA x 300m	23.7

UNIT: kg

Hardware & Accessories		
CB6	7.6mm DIA x 100mm	7.40
	7.6mm DIA x 500ft	11.9
	7.6mm DIA x 300m	22.8
	7.6mm DIA x 100m	9.00
	7.6mm DIA x 500ft	14.4
CB12	7.6mm DIA x 300m	27.0
CB4RP	8.0mm DIA x 100mm	11.9
	CB6RP	10.5
	CB7AP	0.70
	CB7-AP-7-8m	0.22
	CCP	0.06
CCS		0.05
TN	3030	10.3
	4050	17.6
	4660	24.8
	6060	30.5
	3030	10.9
TNS	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
		27.0

Crane scales & Dynamometers		
OCSA3	20Klb/10t	50.0
	30Klb/15t	76.0
	40Klb/20t	78.0
	2Klb; .6Klb/1t...3t	13.0
	10Klb/5t	19.0
OCSB3	2Klb; .6Klb/1t...3t	14.0
	10Klb/5t	18.0
OCSC3	60lb; .60lb/30kg...300kg	0.80
	200lb...600lb/100kg...300kg	5.20
	1Klb; 2Klb/500kg; 1t	5.60
	20Klb/10t	72.0
	60Klb/30t	200.0
OCSG1	6Klb	36.0
	10Klb	59.0
	20Klb	69.0
	30Klb	85.0
	10Klb	59.0
OCSG2	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
CB4	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.

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INTERCHANGEABLE REFERENCE CHART

Anyload Anyload	Artech Cardinal	Coil Cardinal	Flintec Coti	HBM	Mettler - Toledo	Rice Lake	Vishay Catron	Vishay Revere	Vishay Sensaronics	Vishay Teda- Huntleigh	Other	Page No.
Single Ended Beams												
563S	C36	CG-26	SB8	26	MTB	RL408RL01HS	H8B	54B	650A0	365		P21
563S	56310	CG-310				RL52710		553	650A0		Fairbanks-3-48106-1 (3-48862-1)	P22
563SHB	40310	CG-310	BB8	BB8		RL408BS			650B7		Avery Weigh-Tronic Weigh Bar	P23
563WS		CG-WB-SS				RL7500SSW					Avery Weigh-Tronic Weigh Bar	P24
563WS30		CG-WB-SS				RL32011WB-L*					Avery Weigh-Tronic Weigh Bar	P24
563WS-VBL		CG-WB-LSS				RL32011WB-T					Avery Weigh-Tronic Weigh Bar	P25
563WS		CG-WB-LSS				RL32011WB-T					Avery Weigh-Tronic Weigh Bar	P26
563YA		CG-23*				RL30007RL3201P	SCB*	912.3*	65023A*	33110*	CAS BSA*	P27
563YH	30310	CG-23				RL35023	SCB	912.3	65023A	3411		P28
563YH23	30310	CG-23				RL35023	SCB	912.3	65023A	3411		P28
563YHMS		CG-360				CG-360					Kelco KA	P31
563YHRT	36410	CG-36410				CG-36410						P32
563YS		CG-36410				CG-36410						P33
563YS30	SS30310	CG-36410				CG-36410						P34
563YS30	SS30310	CG-36410				CG-36410						P35
563YS30	SS30310	CG-36410				CG-36410						P36
563YS30	SS30310	CG-36410				CG-36410						P37
563YS30	SS30310	CG-36410				CG-36410						P38
563YS30	SS30310	CG-36410				CG-36410						P39
563YS30	SS30310	CG-36410				CG-36410						P40
Double Ended Beams												
102BH	70310	CG-38				RL70310	CLB	5533	6505AA*	4158		P42
102BS	5570310	CG-38-SSSW				RL70310		5533	6505BS			P43
102CH	70210	CG-3103				RL70310RL72020		9103	60038			P44
102DS	5570310	CG-3103-SSW				RL70310		9103	60038			P45
102EH	70310	CG-38				RL70310		9203	650A0-1127W			P46
102ES	SS70310	CG-38-SSW				RL70310		9203	650A0-1127W			P47

Anyload	Artech	Cardinal	Coil-Global	Flintec	HBM	Mettler-Toledo	Rice Lake	Vishay Catron	Vishay Revere	Vishay Sensoronics	Vishay Tedea-Huntleigh	Other	Part No.
Double Ended Beams													
102EHEL			CG-31R									Epulis STR	P48
102FS			CG-38003S				RL DB50000 S/ RL DB75000 S						P49
102HML			CG-36 L8"									Messkoat M.L 1100	P51
102HR	80210		CG-622N				RL7622N		9223	65040-1127W			P52
102HR-GT												BIM 32B 606 lb	P53
102HT	65310		CG-36 L40				RL 76040	DLB	10279303"	6604A			P54
S-Type Beams													
101BS			CG38-SSW	ULB	RSC"		RL 20001HE	STC-HSS			615		P57
101NH	20210		CG38-SSW				RL 2000N/RL2001	STC	363	60001	61H/620		P58
101NHLE							20001	STC		60001			P60
101NSGS	SS20210		CG38-SS			SL5510"	RL 20000 SS/ RL 20000 ST	STC-SS	9363	60050			P59
Single Points													
106A3UN					PC22"	PWSC"/ PWRK	MT 1022	LPS ME			101010715		P63
106BA								RL 102 1A			1022		P64
106BATD			CG-50-2			PW24A					1030		P65
106CA					PC31"		MT 1241		H2C		1263		P66
106CA-21											1267		P68
106CSUN			CG-1130		PC30					Anyload 108L AMT	1271/1242		P71
106CAAT						MT 1241				Avery Weigh Transm M03	1310		P74
106L SMT					SSP1241					Anyload 108L A-21	1130		P72
106MA						MT1260							P73
106MAUN			CG-50-1		PW16		RL 20016A RL 1260 RLP/VWH16				1260		P76
106PA					SPL						11004		P80
106S	SP"		CG-SPH / CG-SPLM										P78
106SPL													P79
107TA					PC42"		RL FL5		642C		1042	Avery Weigh Trans CLS	P84
1081AUN	TSP		CG 42		SP4		RL 142P RLSP4 RL42015A		642		1042		P84
108FAAD												AARD C-1102	P86
108FAAL												AARD C-1103	P87
1087WAL												Yamatoko H469	P87
1087WAL-01													P83
108TS	TS SP"				PW15A						1142		P86
108TSUN					PW15		RL 1440RL1385"				1140		P86

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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 ?

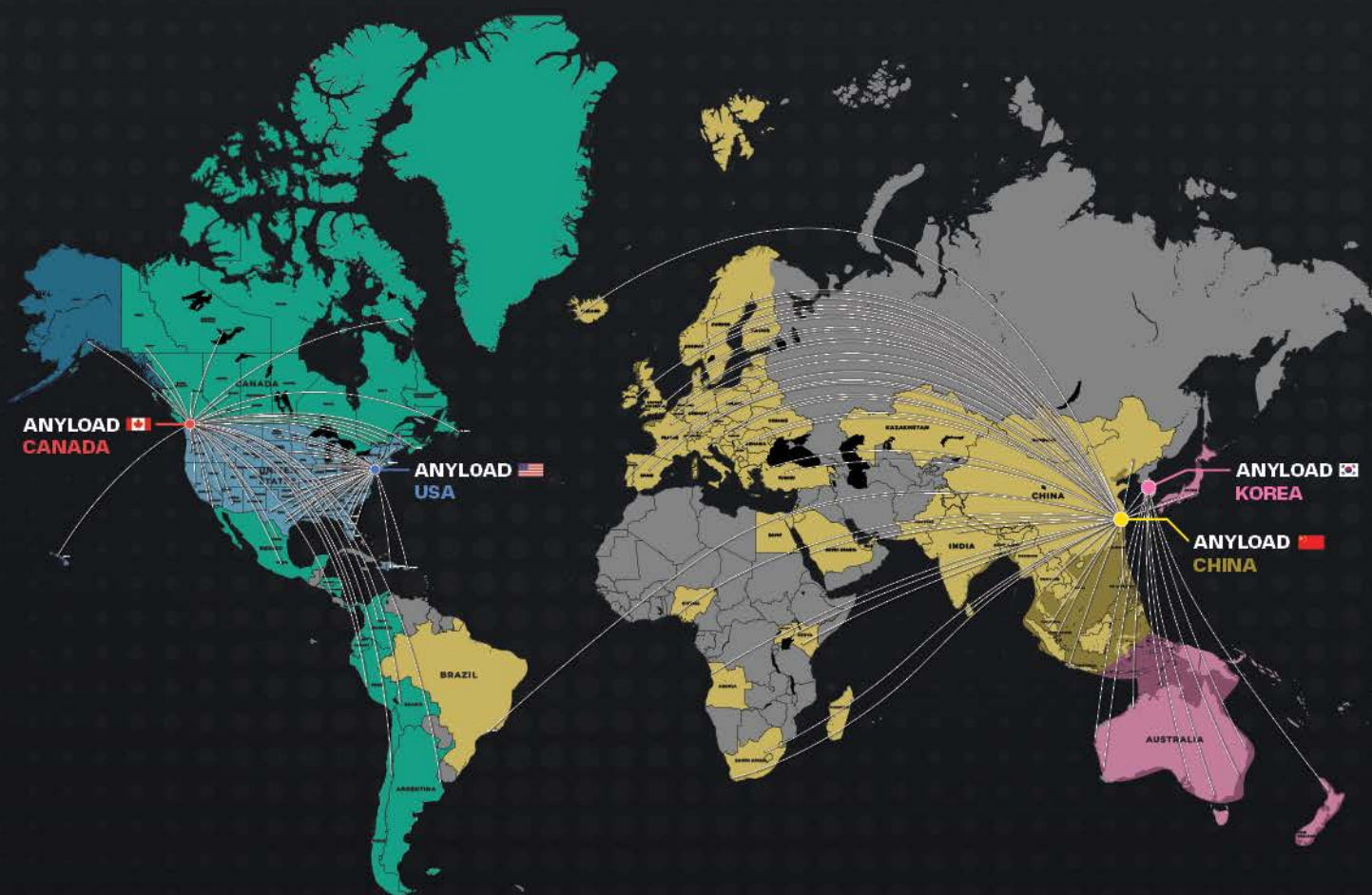
- ☐ OIML
 ☐ NTEP
 ☐ ATEX
 ☐ UL
 ☐ CSA
 ☐ FM
 ☐ RoHS
☐ CE
 ☐ Ex
 ☐ Other Certification _____

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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