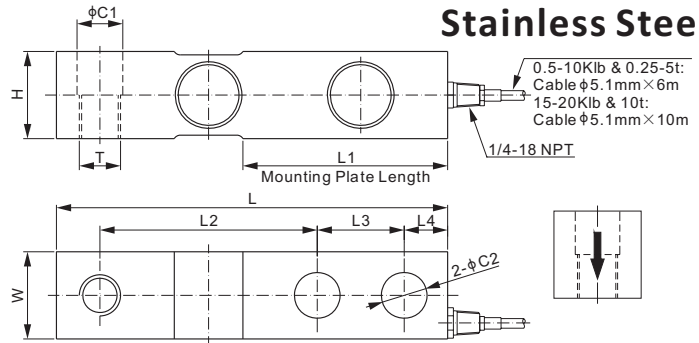




## Stainless Steel



RATED CAPACITY	C1	C2	H	L	L1	L2	L3	L4	W	T
<b>lb/inches</b>										
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-2B
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-2B
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-2B
<b>kg/mm</b>										
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

SPECIFICATIONS			
<b>Full Scale Output</b>	563YS: 2.0 mV/V $\pm$ 0.25%; 563YS30: 3.0 mV/V $\pm$ 0.25%	<b>Recommended Excitation</b>	10V (15V Maximum)
<b>Zero Balance</b>	$\pm$ 0.02 mV/V	<b>Insulation Resistance</b>	>2 [ 50V DC ] G $\Omega$
<b>Non-linearity</b>	$\leq \pm$ 0.023%	<b>Compensated Temperature Range</b>	-10°C to 50°C / 14°F to 122°F
<b>Repeatability</b>	$\leq \pm$ 0.023%	<b>Safe Overload</b>	150% of full scale
<b>Hysteresis Error</b>	$\leq \pm$ 0.023%	<b>Breaking Overload</b>	300% of full scale
<b>Creep in 30 min.</b>	$\leq \pm$ 0.030%	<b>Seal Type / IP Rating</b>	Welded Seal / IP68
<b>Input Resistance</b>	350 $\Omega$ $\pm$ 7	<b>Cable Color Code</b>	Exc+ Red      Exc- Black Sig+ Green    Sig- White Shield Bare
<b>Output Resistance</b>	350 $\Omega$ $\pm$ 3		
<b>Element Material</b>	17-4PH Stainless Steel		

WEIGH MODULE	
Model	Page
563YSM3-02.....	165

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
5t.....	563YS-5t.....	-.....	1.8
10t.....	563YS-10t.....	-.....	4.1

- Environmentally sealed for 563YS30, capacity=500lb  
 - SE refers to small envelope  
 \* ATEX, FM, IECEx approved versions carry the "-Ex" suffix.

INTERCHANGEABLE REFERENCE	
Brand	Model
563YS	
Coti Global.....	CG-23-SSW-02
Rice Lake.....	RL35082
Rice Lake.....	RLHTO
Vishay Sensortronics.....	65083S
Vishay Tedea-Huntleigh.....	3510-kg
563YS30	
Artech.....	SS30310
Coti Global.....	CG-23-SSW-03
HBM.....	B35*/H35**
Mettler-Toledo.....	0793
Rice Lake.....	RL32018S*
Rice Lake.....	RL32018S-HE
Rice Lake.....	RL35023S*
Rice Lake.....	RL35083
Rice Lake.....	RL39123
Vishay Celtron.....	SQB-HSS
Vishay Revere Transducers.....	9123
Vishay Sensortronics.....	65023S*
Vishay Sensortronics.....	65023SS**
Vishay Sensortronics.....	65083
Vishay Tedea-Huntleigh.....	3510-lbs

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

563YS, 500lb-2.5Klb & 250kg-1t: NTEP 1:5 000 Class III, S;  
 NTEP 1:9 500 Class III, M  
 4Klb-20Klb & 2t-5t: NTEP 1:6 000 Class III, S;  
 NTEP 1:10 000 Class III, M  
 563YS30, 500lb-2.5Klb: NTEP 1:5 000 Class III, S;  
 NTEP 1:9 500 Class III, M  
 4Klb-20Klb: NTEP 1:6 000 Class III, S;  
 NTEP 1:10 000 Class III, M  
 563YS, 1Klb-5Klb & 500kg-2t: OIML MAA C5, Y=26 000;  
 10Klb-20Klb & 3t-10t: OIML MAA C6, Y=8 500;  
 563YS30, 1Klb-5Klb: OIML MAA C4, Y=15 000;  
 10Klb-20Klb: OIML MAA C6, Y=8 500;  
 For further available P/N's & specifications per NTEP/OIML classes, please contact us.

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