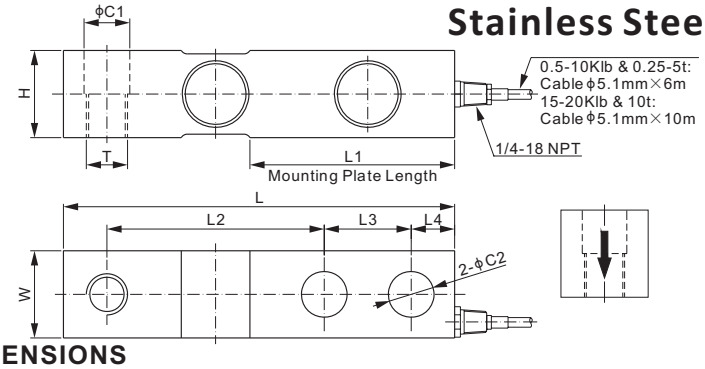
SINGLE ENDED BEAMS

Stainless Steel





RoHS

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–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
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

SPECIFICATIONS

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**	>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
Output Resistance	350Ω ± 3		Sig+ Green Sig- White
Element Material	17-4PH Stainless Steel		Shield Bare

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; 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, 2Klb-5Klb & 500kg-2t: OIML MAA C5, Y=26 000; 10Klb-20Klb & 3t-10t: OIML MAA C6, Y=8 500;
563YS30, 2Klb-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.

INTERCHANGEABLE REFERENCE

Brand	563YS	563YS30
Artech		SS30310
Coti Global	CG-23-SSW-02	CG-23-SSW-03
HBM		B35* / H35**
Mettler-Toledo		0793
Rice Lake	RL32019S-HE / RL32218S-HE / RL35082 / RLHTO	RL32018S* / RL32018S-HE / RL35023S* / RL35083 / RL39123
Vishay Celtron		SQB-HSS
Vishay Revere Transducers		9123
Vishay Sensortronics	65083S	65023S* / 65023SS*** / 65083
Vishay Tedea-Huntleigh	3510-kg	3510-lbs

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

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