



SINGLE ENDED BEAMS



### DIMENSIONS

RATED CAPACITY	C1	C2	H	H1	L	L1	L2	L3	L4	W	T
<b>lb/inches</b>											
100-4,000;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	3/4-16 UNF-2B
15,000-20,000	1.03	1.81	2.00	1.00	8.75	4.00	4.75	2.00	1.00	2.00	1-14 UNS-2B
<b>kg/mm</b>											
100-2,000	13.5	20.6	31.8	15.2	130.0	57.2	76.2	25.4	15.8	31.8	M12X1.75
2,500;3,000;5,000	19.8	30.2	38.1	19.1	171.5	76.2	95.3	38.1	19.1	38.1	M18X1.50
10,000	26.2	46.0	50.8	25.4	222.3	101.6	120.7	50.8	25.4	50.8	M24X2.00
20,000	30.2	50.0	58.0	32.0	241.5	110.0	132.0	55.0	27.5	58.0	M36X2.00

SPECIFICATIONS		
Full Scale Output	3.0 ± 0.25% mV/V	Recommended Excitation
Zero Balance	± 0.02 mV/V	Insulation Resistance
Non-linearity	< ± 0.017%	Compensated Temperature Range
Repeatability	< ± 0.017%	Safe Overload
Hysteresis Error	< ± 0.017%	Breaking Overload
Creep in 30 min.	< ± 0.023%	Seal Type / IP Rating
Input Resistance	400 Ω ± 20 for kg; 350 Ω ± 7 for lb	Cable Color Code
Output Resistance	350 Ω ± 3	
Element Material	Alloy Steel, Nickel Plated	

PART NUMBER		
Rated Capacity	Part No.	Shipping Weight (kg) Approx.
100lb	563YH-100lb	1.0
250lb	563YH-250lb	1.0
500lb	563YH-500lb	1.0
1Klb	563YH-1Klb	1.0
1.5Klb	563YH-1.5Klb	1.0
2Klb	563YH-2Klb	1.0
2.5Klb	563YH-2.5Klb	1.0
4Klb	563YH-4Klb	1.0
SE5Klb	563YH-SE5Klb	1.0
5Klb	563YH-5Klb	2.0
10Klb	563YH-10Klb	2.0
15Klb	563YH-15Klb	4.0
20Klb	563YH-20Klb	4.0
100kg	563YH-100kg	1.0
200kg	563YH-200kg	1.0
300kg	563YH-300kg	1.0
500kg	563YH-500kg	1.0
750kg	563YH-750kg	1.0
1t	563YH-1t	1.0
1.5t	563YH-1.5t	1.0
2t	563YH-2t	1.0
2.5t	563YH-2.5t	2.0
3t	563YH-3t	2.0
5t	563YH-5t	2.0
10t	563YH-10t	4.0
20t	563YH-20t	5.6

WEIGH MODULE	
Model	Page
563YHM2	120
563YHM4	121
563YHM5	122

INTERCHANGEABLE PRODUCTS	
Manufacturer	Model
Coti Global	CG-23*
Rice Lake	RL30000*
Rice Lake	RL35023*
Vishay Celtron	SQB*
Vishay Revere Transducers	5123*
Vishay Sensortronics	65023A*
Vishay TedeA-Huntleigh	3411*

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

- 1Klb-10Klb: NTEP 1:6 000 Class III, Multiple Cell;
- NTEP 1:3 500 Class III, Single Cell
- 500kg-2.5t: OIML MAA C4, Y=15 000;
- 3t-10t: OIML C3;

SE refers to small envelope