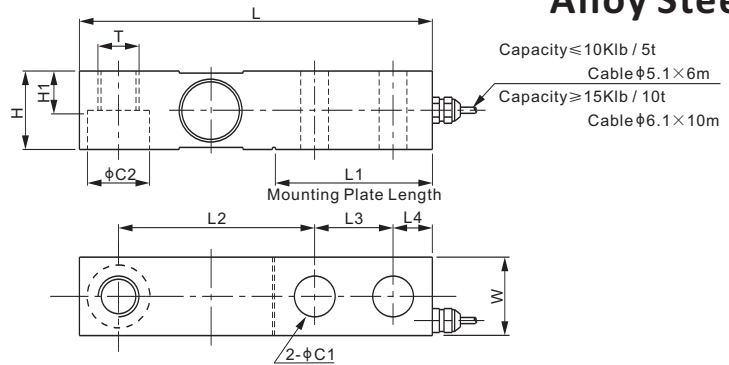




DIMENSIONS

RATED CAPACITY	C1	C2	H	H1	L	L1	L2	L3	L4	W	T
lb/inches											
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
LE2,500; 5,000-10,000	0.78	1.19	1.50	0.75	6.75	3.00	3.75	1.50	0.75	1.50	3/4-16 UNF-2B
15,000-20,000	1.03	1.81	2.00	1.00	8.75	4.00	4.75	2.00	1.00	2.00	1-14 UNS-2B
kg/mm											
100-2,000	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 mV/V $\pm$ 0.25%	Recommended Excitation	10V (15V Maximum)
Zero Balance	$\pm$ 0.02 mV/V	Insulation Resistance	>2 [50V DC] G Ω
Non-linearity	< $\pm$ 0.017%	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	< $\pm$ 0.017%	Breaking Overload	300% of full scale
Creep in 30 min.	< $\pm$ 0.023%	Seal Type / IP Rating	Environmentally Sealed / IP67
Input Resistance	400 Ω $\pm$ 20 for kg; 350 Ω $\pm$ 7 for lb	Cable Color Code	Exc+ Red Exc- Black
Output Resistance	350 Ω $\pm$ 3		Sig+ Green Sig- White
Element Material	Alloy Steel, Nickel Plated		Shield Bare

PART NUMBER

Rated Capacity	Part No.	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
LE2.5Klb.....	563YH-LE2.5Klb.....	1.7
4Klb.....	563YH-4Klb.....	1.0
SE5Klb.....	563YH-SE5Klb.....	1.0
5Klb.....	563YH-5Klb.....	1.8
10Klb.....	563YH-10Klb.....	1.8
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.....	1.8
3t.....	563YH-3t.....	1.8
5t.....	563YH-5t.....	1.8
10t.....	563YH-10t.....	4.0
20t.....	563YH-20t.....	5.6

SE refers to small envelope

WEIGH MODULE

Model	Page
563YHM2.....	139
563YHM4.....	140
563YHM5.....	141

INTERCHANGEABLE PRODUCTS

Manufacturer	Model
CAS.....	BSA*
Coti Global.....	CG-23*
Rice Lake.....	RL30000*
Rice Lake.....	RL35023*
Vishay Celtron.....	SQB*
Vishay Revere Transducers.....	5123*
Vishay Sensortronics.....	65023A*
Vishay Tedeia-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-5t: NTEP 1:6 000 Class III, Single Cell;
NTEP 1:10 000 Class III, Multiple Cell

1Klb-5Klb & 500kg-2.5t: OIML MAA C4, Y=15 000;
10Klb-20Klb & 3t-10t: OIML MAA C6, Y=8 500