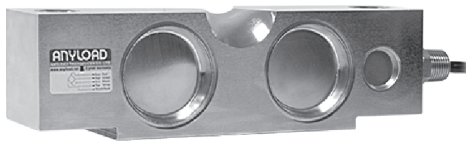


# 102BS



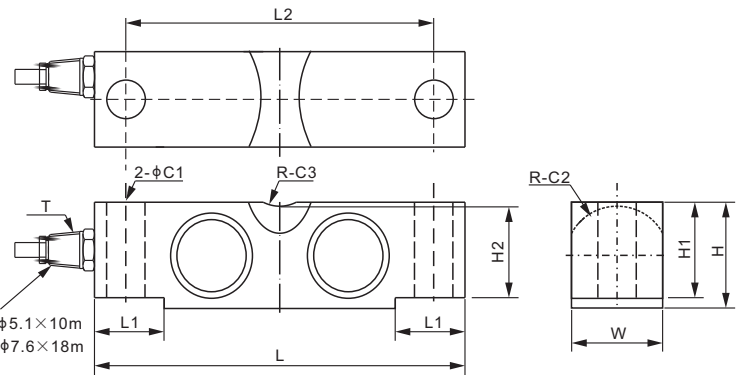
## Stainless Steel



CE RoHS



Capacity ≤ 25Klb Cable φ5.1 × 10m  
Capacity ≥ 50Klb Cable φ7.6 × 18m



### DIMENSIONS

RATED CAPACITY	C1	C2	C3	H	H1	H2	L	L1	L2	W	T
<b>Klb/inches</b>											
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
<b>kg/mm</b> (conversion of above dimensions)											
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
22,679.6-34,019.4	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	>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
Output Resistance	700Ω ± 5		Sig+ Green    Sig- White
Element Material	2Cr13 Stainless Steel		Shield Bare

### PART NUMBER

Rated Capacity	Part No.	Weight (kg) Approx.
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

### INTERCHANGEABLE PRODUCTS

Manufacturer	Model
Coti Global	CG-58-SSW
Rice Lake	RL75060S
Vishay Revere Transducers	9303
Vishay Sensortronics	65058S



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



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