

Capacity	Accuracy	Part number
500kg	C3	B8D-C3-500kg-6B
1.0t	C3	B8D-C3-1.0t-6B
2.0t	C3	B8D-C3-2.0t-6B
5.0t	C3	B8D-C3-5.0t-6B
250lb	N5	B8D-N5-250-6YB
500lb	N5	B8D-N5-500-6YB
750lb	N5	B8D-N5-750-6YB
1Klb	N5	B8D-N5-1K-6YB
1.5Klb	N5	B8D-N5-1.5K-6YB
2Klb	N5	B8D-N5-2K-6YB
2.5Klb	N5	B8D-N5-2.5K-6YB
3Klb	N5	B8D-N5-3K-6YB
4Klb	N5	B8D-N5-4K-6YB
5KSE	N5	B8D-N5-5KSE-6YB
5Klb	N5	B8D-N5-5K-6YB
7.5Klb	N5	B8D-N5-7.5K-6YB
10Klb	N5	B8D-N5-10K-6YB
15Klb	N5	B8D-N5-15K-6YB
20Klb	N5	B8D-N5-20K-6YB



Specifications	
Accuracy Class	OIML R60 C3
Rated output (mV/V)	3.0±0.008
Combined error (%FS)	0.02
Non-linearity (%FS)	0.02
Non-repeatability (%FS)	0.01
Creep (%FS/30min)	0.02
Input Resistance (Ω)	350±3.5
Output Resistance (Ω)	350±3.5
Insulation Resistance (MΩ)	≥5000(50VDC)
Zero Balance (%FS)	1.0
Temperature effect on span (%FS/10°C)	0.014
Temperature effect on zero (%FS/10°C)	0.018
Temperature, Compensated (°C)	-10~+40
Temperature, Operating (°C)	-35~+65
Excitation, Recommended (V)	5-12(DC)
Excitation, Max. (V)	18(DC)
Safe Overload (%FS)	150
Ultimate Overload (%FS)	300
Protection Class	IP 67
Cable Length (m)	6
Cable spec	4-wire shielded PU cable φ 5mm

Connections Red Input (+) Black Input(-) Green Output(+) White Output(-) Transparence (Shield)

Outline Dimensions in mm(inches)	
0.5-5t 2.5Klb~20Klb	
250lb~2Klb	
Capacity	Dimensions
0.5-2t (2.5-4k,5KSE)	L 130.05 (5.12) / L1 15.75 (0.62) / L2 25.4 (1.00) / L3 101.6 (4.00) / L4 31.32 (1.23) / H 31.32 (1.23) / H1 / W 13.46 (0.53) / φD 13.46 (0.53) / φd 15.75 (0.62) / K M12×1.75 / M 1/2-20UNF
5t	L 171.45 (6.75) / L1 19.05 (0.75) / L2 38.1 (1.50) / L3 133.35 (5.25) / L4 36.83 (1.45) / H 36.83 (1.45) / H1 / W 20.65 (0.81) / φD 20.65 (0.81) / φd 19.05 (0.75) / K M20×2.5
250lb~2k	L 130.05 (5.12) / L1 57.15 (2.25) / L2 15.75 (0.62) / L3 25.4 (1.00) / L4 101.6 (4.00) / H 30.23 (1.19) / H1 28.45 (1.12) / W 30.73 (1.21) / φD 13.46 (0.53) / φd 13.46 (0.53) / K 14.22 (0.56) / M 1/2-20UNF
5-15k	L 171.45 (6.75) / L1 19.05 (0.75) / L2 38.1 (1.50) / L3 133.35 (5.25) / L4 36.83 (1.45) / H 36.83 (1.45) / H1 / W 19.81 (0.78) / φD 19.81 (0.78) / φd 19.05 (0.75) / K 3/4-16UNF
20k	L 222.25 (8.75) / L1 25.4 (1.00) / L2 50.8 (2.00) / L3 171.45 (6.75) / L4 49.53 (1.95) / H 49.53 (1.95) / H1 / W 26.92 (1.06) / φD 27.56 (1.09) / φd 24.75 (0.97) / M 1-12UNF

Single shear beam