

Capacity	Accuracy	Part-Number
10 kg	C3 / C4	BM6G-xx-10kg-3B6
20 kg	C3 / C4	BM6G-xx-20kg-3B6
50 kg	C3 / C4	BM6G-xx-50kg-3B6
100 kg	C3	BM6G-C3-100kg-3B
150 kg	C3	BM6G-C3-150kg-3B
200 kg	C3	BM6G-C3-200kg-3B
300 kg	C3	BM6G-C3-300kg-3B
400 kg	C3	BM6G-C3-400kg-3B
500 kg	C3	BM6G-C3-500kg-3B

Specifications:

Accuracy class		OIML C3	OIML C3 MR	OIML C4 MR
Output sensitivity (= FS)	mV/V	2.0 ± 0.2		
Maximum capacity (E _{max})	kg	10, 20, 50, 100, 150, 200, 300, 400, 500		
Maximum number of load cell intervals (n _{LC})		3000	3000	4000
Ratio of minimum LC verification interval Y = E _{max} / V _{min}		10000	20000	40000
Minimum Dead Load Output Return (Z = ½ * E _{max} / DR)		6000		
Combined Error	%FS	± 0.020	± 0.020	± 0.0180
Minimum dead load	kg	0		
Safe overload	of E _{max}	150 %		
Ultimate overload	of E _{max}	300 %		
Zero balance	of FS	< ± 2.0 %		
Excitation, recommended voltage	V	5 ~ 12		
Excitation maximum	V	18		
Terminal resistance, input	Ω	350 ± 3.5		
Terminal resistance, output	Ω	350 ± 3.5		
Insulation impedance	MΩ	≥5000 (at 50VDC)		
Temperature range, compensated	°C	-10 ~ +40		
Temperature range, operating	°C	-35 ~ +65		
Element material		Stainless steel 1.4548		
Ingress Protection		IP68/IP69K		
Recommended torque on fixation bolts	Nm	10-50 kg: 10 100-500 kg: 20		
ATEX classification		II1G Ex ia II1C T4	II1D Ex iaD 20 T73°C	II3G nL IIC T4

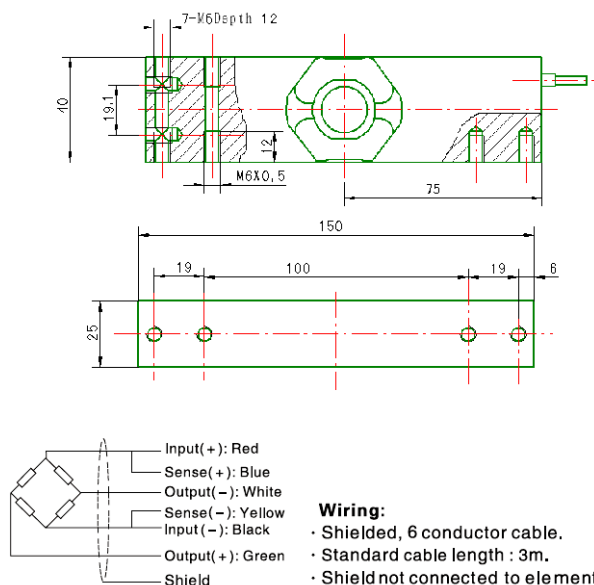


- Stainless steel IP69K single point load cell
- Suitable for platform, belt scales and other weighing devices
- Recommended platform size: 800 x 800 mm (100 – 500 kg)
- Recommended platform size: 400 x 400 mm (10 – 50 kg)



Outline Dimensions in mm (inch)

10 – 50 kg



100 – 500 kg

