

B8Q



test certificate no. TC7809 Revision 0
C of C no R60/2000-NL1-10.14 Revision 1



Certificate no. 12-029

- Stainless steel IP67 shear beam load cell
- Low profile
- Suitable for hopper, floor and other electronic scale

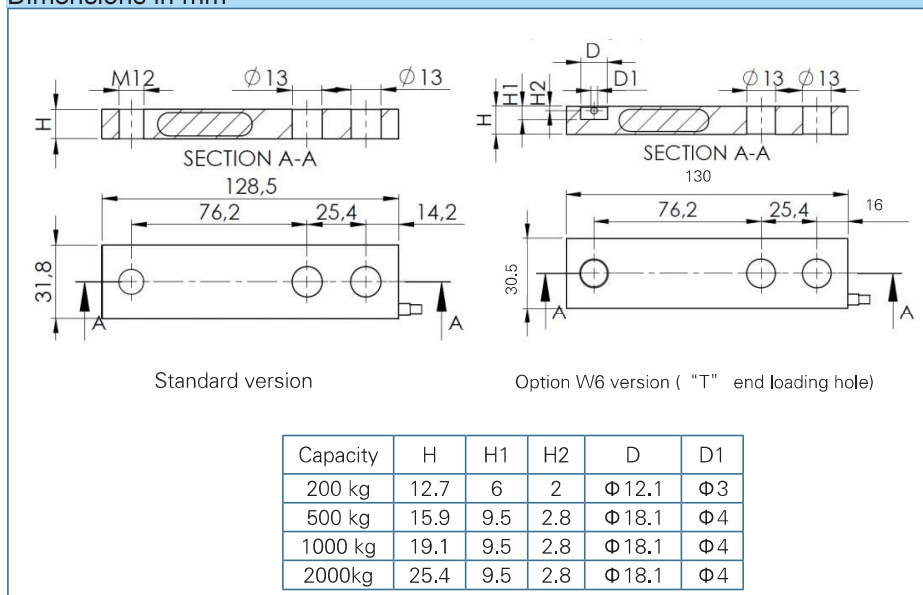
Available models

Capacity	Accuracy	Full article description
200 kg	C3 Excluded from OIML	B8Q-C3-200kg-3B
500kg	C3	B8Q-C3-500kg-3B
1000kg	C3	B8Q-C3-1000kg-3B
2000kg	C3	B8Q-C3-2000kg-3B

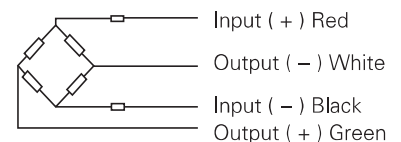
Specification

Accuracy class		C3	OIML R60 C3
Output sensitivity (= FS)	mV/V	2.0 ± 0.002	
Maximum capacity (Emax)	kg	200	500, 1000, 2000
Maximum number of load cell intervals (nLC)		3000	
Ratio of minimum LC verification interval Y = Emax / vmin	Y	10000	15000
Combined error	%FS	± 0.0230	
Minimum dead load	of Emax	0%	
Safe overload	of Emax	150 %	
Ultimate overload	of Emax	300 %	
Zero balance	%FS	± 1.0	
Excitation, recommended voltage	V	5 ~ 12(DC)	
Excitation maximum	V	18(DC)	
Terminal resistance, input	Ω	1000 ± 5	1106 ± 5
Terminal resistance, output	Ω	1000 ± 3	
Insulation impedance	MΩ	≥ 5000 (at 50VDC)	
Temperature range, compensated	°C	-10 ~ +40	
Temperature range, operating	°C	-35 ~ +65	
Storage temperature	°C	-40 ~ +70	
Element material		Stainless steel	
Recommended torque on fixation bolts	N.m	M12: 75	
Ingress Protection (according to EN 60529)		IP67	

Dimensions in mm



Wiring



- Shielded, 4 conductor cable.
- Cable diameter: Φ5mm.
- Standard cable length: 3m.
- Shield not connected to element.