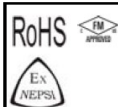



OIML test certificate no. D09-03.18 Revision 2
 OIML C of C no. R60/2000-CN-00.01
 NTEP certificate no. 06-099A1



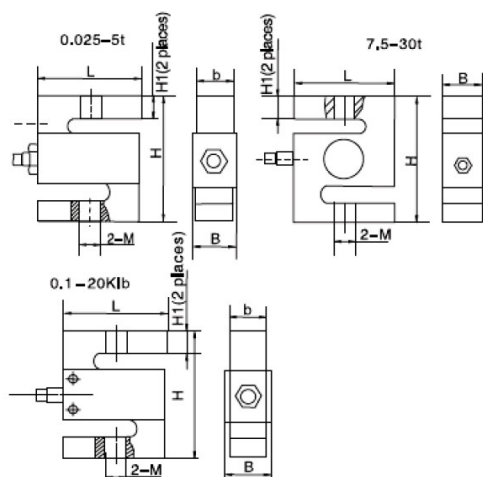
- Alloy steel IP67 "S" type load cell
- Suitable for crane and hanging hopper scales
- Tension and compression loading possible
- Also available in Imperial capacities and dimensions 

Capacity	Accuracy	Part-Number
xx kg	C3	H3-C3-xxkg-xB
xx t	C3	H3-C3-xxt-xB

Specification:

Accuracy class		OIML R60 C3	OIML R60 C4	C3
Output sensitivity (= FS)	mV/V	2.0 ± 0.004 (3.0 ± 0.008 for imperial capacities)		
Maximum capacity (E _{max})	t	0.1, 0.15, 0.2, 0.3, 0.5, 0.6, 0.75, 1.0, 1.5, 2.0, 2.5,		0.025, 0.05, 3.0, 5.0, 7.5, 10, 15, 20, 30
Maximum number of load cell intervals (n _{LC})		3000	4000	3000
Ratio of minimum LC verification interval Y = E _{max} / V _{min}		10000	20000	10000
Combined Error	%FS	≤ ± 0.020	≤ ± 0.018	≤ ± 0.020
Minimum dead load	kg	0		
Safe overload	of E _{max}	150 %		
Ultimate overload	of E _{max}	300 %		
Zero balance	of FS	≤ ± 1.5 % (≤ ± 1.0 % for imperial capacities)		
Excitation, recommended voltage	V	5 ~ 12		
Excitation maximum	V	18		
Terminal resistance, input	Ω	350 ± 3.5		
Terminal resistance, output	Ω	351 ± 2.0		
Insulation impedance	MΩ	≥ 5000 (at 50VDC)		
Temperature range, compensated	°C	-10 ~ +40		
Temperature range, operating	°C	-35 ~ +65		
Element material		Alloy steel		
Ingress Protection (according to EN 60529)		IP67		
ATEX classification (optional)		II1G Ex ia II1C T4	II1D Ex iaD20 T73°C	II3G nL II C T4

Outline Dimensions in mm



Dimension Capacity	L	H	b	B	M	H1
25 - 50kg	50.8(2.0)	76.2(3.0)	12.7(0.5)	14.5(0.57)	M8	15.7(0.62)
0.1 - 0.15t	50.8(2.0)	76.2(3.0)	19.0(0.75)	20.8(0.82)	M10 x 1.5	15.3(0.60)
0.2 - 0.75t	50.8(2.0)	76.2(3.0)	19.0(0.75)	20.8(0.82)	M12 x 1.75	13.6(0.54)
1 - 1.5t	50.8(2.0)	76.2(3.0)	25.4(1.0)	27.2(1.07)	M12 x 1.75	12.1(0.48)
2 - 5t	76.2(3.0)	101.6(4.0)	25.4(1.0)	27.2(1.07)	M20 x 1.5	20(0.79)
7.5 - 10t	125(4.92)	175(6.89)	50(1.97)	/	M33 x 3	40.2(1.58)
15 - 20t	160(6.3)	200(7.89)	60(2.36)	/	M42 x 3	51(2.01)
30t	190(7.48)	230(9.06)	80(3.15)	/	M42 x 3	57.5(2.26)
100 - 300lb	50.8(2.0)	63.5(2.5)	12.7(0.5)	15.9(0.63)	1/4-28UNF	8.9(0.35)
500lb	50.8(2.0)	63.5(2.5)	19.05(0.75)	22.25(0.88)	1/2-20UNF	8.9(0.35)
0.75 - 1.5klb	50.8(2.0)	63.5(2.5)	19.05(0.75)	22.25(0.88)	1/2-20UNF	
2 - 2.5klb	50.8(2.0)	63.5(2.5)	25.4(1.0)	28.6(1.13)	1/2-20UNF	
3klb	76.2(3.0)	101.6(4.0)	25.4(1.0)	28.6(1.13)	1/2-20UNF	14(0.55)
5 - 10klb	76.2(3.0)	101.6(4.0)	25.4(1.0)	28.6(1.13)	3/4-16UNF	15.8(0.62)
15klb	101.6(4.0)	139.7(5.5)	31.75(1.25)	34.95(1.38)	1-14UNS	27.5(1.08)
20klb	127(5.0)	177.8(7.0)	50.8(2.0)	54(2.13)	1 1/4-12UNF	39.9(1.57)

Wiring:

- Shielded, 4 conductor cable: φ 5mm.
- Standard cable length: 3m(0.025~ 1.5t), 6m(2~30t)(0.1~20klb).
- Cable type and cable length for customer's own application are available on request.
- Shield not connected to element.

