

H3

- Nickel plated alloy steel IP67 "S" type load cell
- Tension and compression applications
- Suitable for hanging, hopper and other weighing devices
- Also available in imperial capacities and dimensions

Available models

Capacity	Accuracy	Full article description
25kg	C3 Excluded from OIML	H3-C3-25kg-3B
50kg	C3 Excluded from OIML	H3-C3-50kg-3B
100kg	C3/C4	H3-C3/C4-100kg-3B
150kg	C3/C4	H3-C3/C4-150kg-3B
200kg	C3/C4	H3-C3/C4-200kg-3B
250kg	C3/C4	H3-C3/C4-250kg-3B
300kg	C3/C4	H3-C3/C4-300kg-3B
500kg	C3/C4	H3-C3/C4-500kg-3B
600kg	C3/C4	H3-C3/C4-600kg-3B
750kg	C3/C4	H3-C3/C4-750kg-3B
1t	C3/C4	H3-C3/C4-1t-3B
1.5t	C3/C4	H3-C3/C4-1.5t-3B
2t	C3/C4	H3-C3/C4-2t-3B
2.5t	C3/C4	H3-C3/C4-2.5t-3B
3t	C3 Excluded from OIML	H3-C3-3t-3B
5t	C3 Excluded from OIML	H3-C3-5t-3B
7.5t	C3 Excluded from OIML	H3-C3-7.5t-3B
10t	C3 Excluded from OIML	H3-C3-10t-3B
15t	C3 Excluded from OIML	H3-C3-15t-3B
20t	C3 Excluded from OIML	H3-C3-20t-3B
30t	C3 Excluded from OIML	H3-C3-30t-3B



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C of C no R60/2000-CNI-00.01

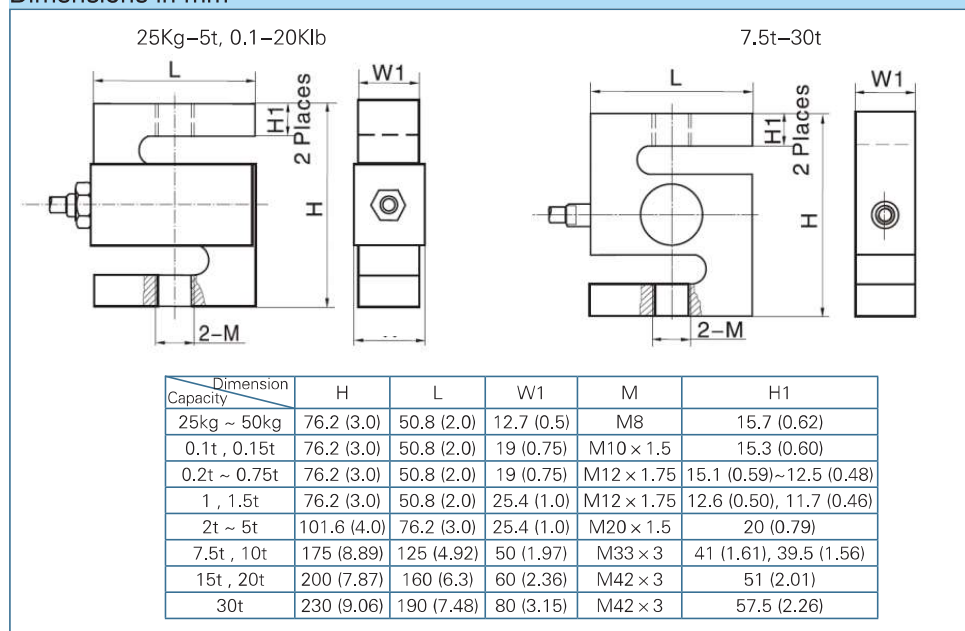


Certificate no. 06-099A1

Specification

Accuracy class		OIML R60 C3	OIML R60 C4	C3
Output sensitivity (= FS)	mV/V	2.0 ± 0.004		
Maximum capacity (Emax)	t	0.1, 0.15, 0.2, 0.3, 0.5, 0.6, 0.75, 1.0, 1.5, 2.0, 2.5, 3.0, 5.0, 7.5, 10, 15, 20, 30		
Maximum number of load cell intervals (nLC)		3000	4000	3000
Ratio of minimum LC verification interval Y = Emax / vmin		10000	20000	10000
Combined error	%FS	± 0.020	± 0.018	± 0.020
Minimum dead load	kg	0		
Safe overload	of Emax	150 %		
Ultimate overload	of Emax	300 %		
Zero balance	%FS	± 1.5		
Excitation, recommended voltage	V	5 ~ 12(DC)		
Excitation maximum	V	18(DC)		
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		
Storage temperature	°C	-40 ~ +70		
Element material		Nickel plated alloy steel		
Ingress Protection (according to EN 60529)		IP67		
Recommended torque on fixation	N.m	M8:25 M10: 50	M12:75 M20:450	M33:750 M42:1450
ATEX classification (optional)		II1G Ex ia IIC T4	II1D Ex iaD 20 T73°C	II3G Ex nL IIC T4

Dimensions in mm



Wiring

