

# H8

- Nickel plated alloy steel IP67 shear beam load cell
- Suitable for truck-, track and hopper scales
- Suitable for hazardous locations



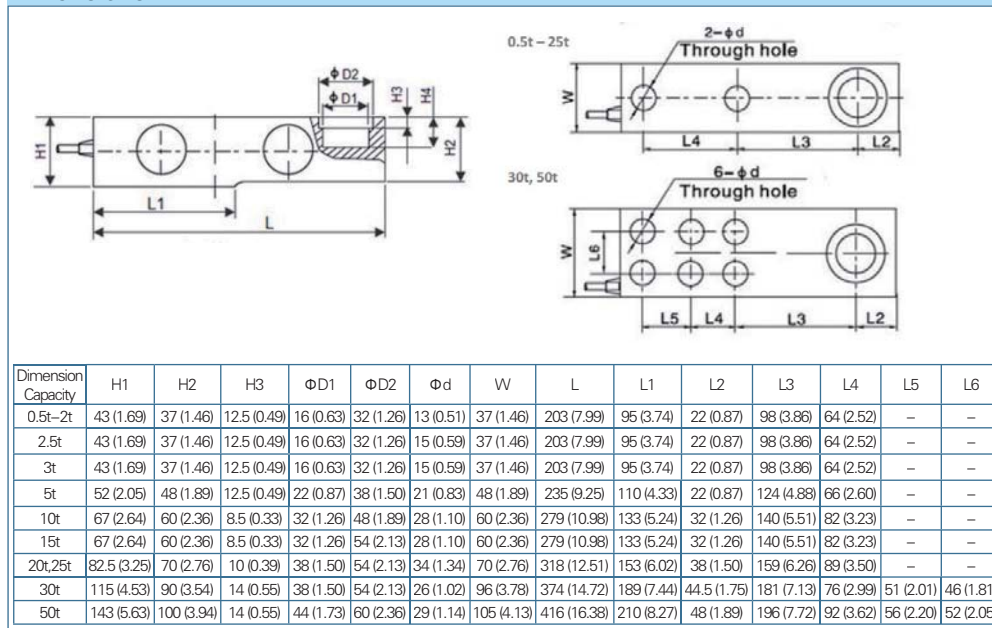
OIML test certificate no. D09-05.20  
C of C no R60/2000-CN1-06.09

Available models		
Capacity	Accuracy	Full article description
500kg	C3 Excluded from OIML	H8-C3-500kg-4B6
1t	C3 Excluded from OIML	H8-C3-1t-4B6
2t	C3 Excluded from OIML	H8-C3-2t-4B6
2.5t	C3 Excluded from OIML	H8-C3-2.5t-4B6
3t	C3 Excluded from OIML	H8-C3-3t-4B6
5t	C3	H8-C3-5t-4B6
10t	C3	H8-C3-10t-4B6
15t	C3	H8-C3-15t-4B6
20t	C3	H8-C3-20t-4B6
25t	C3	H8-C3-25t-4B6
30t	C3	H8-C3-30t-4B6
50t	C3	H8-C3-50t-4B6

## Specification

Accuracy class		C3	OIML R60 C3	
Output sensitivity ( = FS )	mV/V		2.0 ± 0.002	
Maximum capacity ( E <sub>max</sub> )	t	0.5, 1, 2, 2.5, 3	5, 10, 15, 20	25, 30, 50
Maximum number of load cell intervals ( nLC )			3000	
Ratio of minimum LC verification interval Y = E <sub>max</sub> / v <sub>min</sub>			10000	
Combined error	%FS		± 0.023	
Minimum dead load	of E <sub>max</sub>		0%	
Safe overload	of E <sub>max</sub>		150 %	
Ultimate overload	of E <sub>max</sub>		300 %	
Zero balance	%FS		± 1.5	
Excitation, recommended voltage	V		5 ~ 12( DC )	
Excitation maximum	V		18( DC )	
Input resistance	Ω		350 ± 3.5	
Output resistance	Ω		351 ± 2	
Insulation resistance	MΩ		≥ 5000 ( 50VDC )	
Compensated temperature	°C		-10 ~ +40	
Operating temperature	°C		-35 ~ +65	
Storage temperature	°C		-40 ~ +70	
Element material			Nickel plated alloy steel	
Recommended torque on fixation	N.m	M12: 75 M14:120 M20:450 M27:1075 M33:1975		
Ingress protection (according to EN 60529)			IP67	
ATEX classification (optional)		II1G Ex ia IIC T4	II1D Ex iaD 20 T73°C	II3G Ex nL IIC T4

## Dimensions in mm



## Wiring

