

Shear Beam

SHEARBEAM

- Suitable for floor scales, vehicle-test line, hopper scales and other electronic weighing devices.
- Highly accurate and reliable.
- Stainless steel construction.
- Sealed to IP68.



Specifications	OIML R60 C3	OIML R60 C4	OIML R60 C5	OIML R60 C6
Output sensitivity (=FS):	2.0 ± 0.04 mV/V	2.0 ± 0.04 mV/V	3.0 ± 0.08 mV/V	3.0 ± 0.08 mV/V
Maximum capacity (Emax):	0.5T, 1T, 1.5T, 2T, 2.5T, 3T, 5T, 7.5T, 10T			0.5, 1, 1.5, 2, 2.5T
Max. Number of load cell interval:	3000 nLC	4000 nLC	5000 nLC	6000 nLC
Ratio of min. LC verification interval:	1000	15000	20000	20000
Combined Error:	≤± 0.0230 %FS	≤± 0.0175 %FS	≤± 0.0140 %FS	≤± 0.0116 %FS
Minimum dead load:		0% of Emax		
Safe overload:		150% of Emax		
Ultimate overload:		300% of Emax		
Zero balance:		<± 1.0% of FS		
Excitation, recommended voltage:		5 to 12 V		
Excitation maximum:		18 V		
Input resistance:		350 ± 3.5 Ω		
Output resistance:		350 ± 3.5 Ω		
Insulation resistance:		≥ 5000 (at 50VDC) MΩ		
Compensated temp.:		-10 to 40°C		
Operating temp.:		-35 to 65°C		
Storage temp.:		-40 to 75°C		
Item No:	Capacity (T)	L x B x H (mm)	ØD (mm)	M
SHEARBEAM-xxT-z1	0.5, 1, 1.5, 2	130 x 31.3 x 31.3	13.5	M12
SHEARBEAM-xxT-z1	2.5, 5	171 x 36.8 x 36.8	20.5	M20
SHEARBEAM-xxT-z1	7.5, 10	222 x 49.5 x 49.5	26.9	M24

