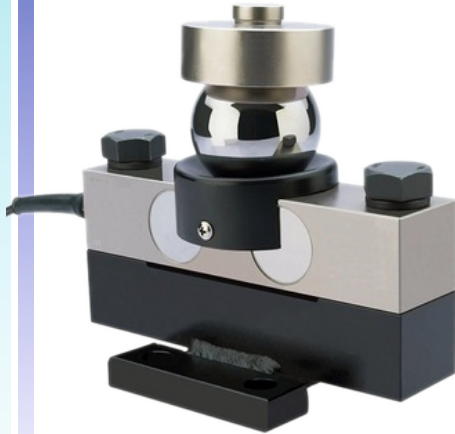


# Load cell Double Ended Shear Beam

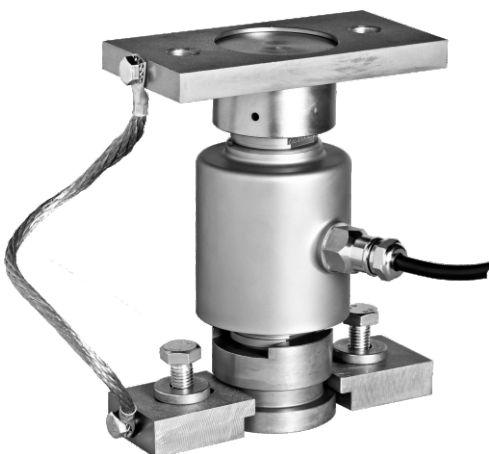
(Analog / Digital)



Accuracy class	OIML R60 C3
Output sensitivity ( = FS )	2.0, ± 0.002%
Maximum capacity ( Emax )	10, 20, 30, 50 T
Combined Error	≤ ± 0.0230% FS
Repeatability	0.05% FS
Safe overload	150% FS
Ultimate overload	300% FS
Zero balance	< ± 1.5 % FS
Excitation, recommended volt.	5 ~ 12 vdc
Excitation maximum	18 vdc
Input resistance	750 ± 10 Ω
Output resistance	700 ± 7 Ω
Insulation resistance	≥ 5000 ( at 50VDC )
Compensated temperature	-10 ~ +60°C
Operating temperature	-20 ~ +65°C
Storage temperature	-40 ~ +90°C
Element material	Nickel plated alloy steel
Cable	12 m (Ø6 mm 4 core Shielding cable)
I.P. Class (acc. to EN 60529)	IP-67 / IP -68
CMIFR approval	Ex ia IIB T6

# Compression Load Cell

(Analog / Digital)



Accuracy class	OIML R60 C3
Output sensitivity ( = FS )	2.0 ± 0.02% mV/V
Maximum capacity ( Emax )	10, 20, 25, 30, 40, 50 t
Combined Error	≤ ± 0.023% FS
Repeatability	0.05% FS
Safe overload	150% FS
Ultimate overload	300% FS
Zero balance	≤ ± 1.0 % FS
Excitation, recommended voltage	5 ~ 12 vdc
Excitation maximum	18 vdc
Terminal resistance, input	710 ± 7 10Ω
Terminal resistance, output	700 ± 7Ω
Insulation impedance	≥ 5000 ( at 50VDC )
Temperature range, compensated	-10 ~ +40°C
Temperature range, operating	-35 ~ +65°C
Element material	Stainless steel & Hermetically Sealed Lightning Protected
Anti Lock	Anti rotation lock load cell
I.P. Class (according to EN 60529)	IP-68
Cable	12 m (Ø6 mm 4 core Shielding cable)
CIMFR Approval	Ex ia IIB T6

### Application

Truck Scales  
Hopper Scales  
Tank Scales  
Silo Weighing