

INDUSTRIAL WEIGHING SOLUTION™

WBKE

Compression Load Cell

WBKE is a column, stainless steel compression Load Cell designed for weighbridge, hopper and tank scales.

A large range of capacities is available.

Hermetic sealing and built-in surge protection ensure that this product can be used in harsh industrial environment.



Stainless steel construction

Hermetically Sealed

Protection Class IP68



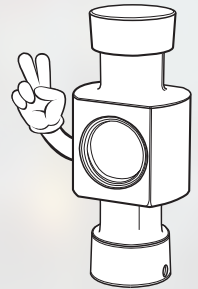
Stainless steel construction



Hermetically Sealed & Protection Class IP68



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WBKE

Compression Load Cell



Stainless steel construction

- Stainless Steel Construction provides durability as well as superior corrosion resistance.

Built-in Surge protection & Hermetically sealed, IP68

-WBKE is available even in the harsh and wet environment.

Suitable for heavy weighing application

-WBKE is suitable for use in heavy weighing application such as weighbridge scales, hopper scales and tank scales.



Specifications

MODEL		WBKE	
Max Capacity (Rated load)	tf	10/20/25/30	
Rated Output (R.O.)	mV/V	2±0.05	
Zero Balance	%R.O.	0±0.05	
Accuracy Class	-	C3	
Accuracy Class	%R.O.	≤0.02	
Hysteresis	%R.O.	≤0.02	
Combined Error	%R.O.	≤0.02	
Repeatability	%R.O.	≤0.01	
Creep for 30min.	%R.O.	≤0.017	
Return for 30min.	%R.O.	≤0.017	
Resolution		≤1/5000	
Division	mV/V	0.0004	
Temperature Effect on	Zero value	% / 10°C	≤0.014
	Output Value	% / 10°C	≤0.011
Excitation Voltage	Recommended	V	10
	Maximum	V	15
Resistance	Input	Ω	1000±10
	Output	Ω	1000±10
	Insulation	MΩ	>2000
Compensated Temperature Range	°C	-10 to +40	
Operating Temperature Range	°C	-40 to +70	
Material & Plate	-	Stainless steel, Buffing	
Cable Specification	-	Urethane / Ø5.4 × 12M	
Wiring Specification	-	4 or 6 – wire (plus shield)	
Safety Overload	% R.L.	150	

*50ton is available through customization

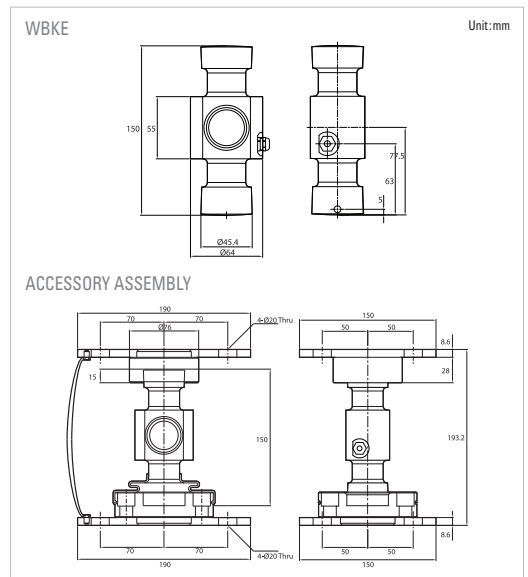
Features

- Simple installation
- Stainless steel construction
- Hermetically Sealed
- Protection Class IP68
- Built-in Surge protection
- Suitable for heavy weighing application

Options

- Accessory set

Dimensions



Accessory Features

- Suitable for Tank and Weighbridge
- Loading & mounting bearing included
- Safe and compact design

