PRODUCT READY-MADE PRODUCT

WBK-D | Digital Compression Load Cell



Features

- ► Simple installation and effective maintenance
- ► High accuracy
- ► RS-485 digital output
- ► Stainless steel construction
- ► IP68 and hermetic sealing
- ► Diagnosis function
- ► Built-in lighting protection
- ► Maximum transmission distance : 1,000m

Options

► Accessory set

DESCRIPTION

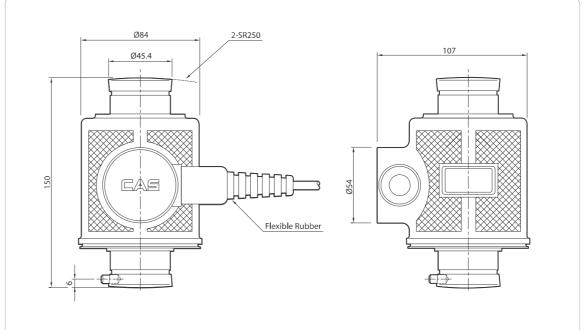
The WBK-D digital Load Cell is designed for use in truck scales and process weighing applications.

It is a stainless steel compression Load Cell with a digital output signal. Using the digital output, the user can communicate with each Load Cell independently and have the additional advantages of a digital calibration.

Specification

Capacity(R.L.)		tf	10, 20, 25, 30
Maximum number of verification intervals(n)		-	5,000
Rated Output		counts	300,000
Zero Balance		counts	± 300
Non-Linearity Hysteresis Combined Error Repeatability Creep for 30min		% R.O. % R.O. % R.O. % R.O. % R.O.	< 0.015 < 0.015 < 0.015 < 0.01 < 0.017
Temperature Effect on	-Zero Value -Output Value	% R.O./10°C % R.O./10°C	0.014 0.011
Compensated Temperature Range		°C	-10 ~ +40
Operating Temperature Range		°C	-40 ~ +70
Excitation Voltage	-Minimum -Recommended -Maximum	V V V	6 9 24
Insulation Resistance		MΩ	≥ 2,000
Safety Overload		% R.C.	150
Material		-	Stainless steel
Communication		-	RS-485 (2wire)
Communication Rate		kbit/sec	19.2
Maximum Transmission Cable Length		m	1,000
Warm-up Time from Cold Start		minutes	15
Asynchrone Interface Baudrate		Baud	9,600 ~ 115,200
Number of bus addresses		-	Max. 32

Dimension



Application

- ► Truck scale
- ► Hopper and silo scale