

DSB2 | Double Ended Beam Load Cell



Description

DSB2 is a nickel plated steel double-end type load cell. It has high capacity hopper and tank Suitable for scale and truck scale.

Specifications

Capacity(R.L.)	kIb	25, 40, 75	
Rated Output	mV / V	3.0 ± 0.0075	
Zero Balance	mV / V	0.0 ± 0.03	
Accuracy Class	-	-	
Non-Linearity	% R.O.	≤ 0.03	
Hysteresis	% R.O.	≤ 0.03	
Combined Error	% R.O.	≤ 0.03	
Repeatability	% R.O.	≤ 0.015	
Creep for 30min.	% R.O.	≤ 0.02	
Return for 30min.	% R.O.	≤ 0.02	
Resolution	-	≤ 1/3000	
Division	mV / V	0.001	
Temperature Effect on	-Zero Value -Output Value	%/10°C %/10°C	≤ 0.014 ≤ 0.011
Excitation	-Recommended -Maximum	V V	10 15
Resistance	-Input -Output -Insulation	Ω Ω MΩ	800 ± 40 700 ± 7 > 2000
Compensated Temperature Range	°C		-10 to +40
Operating Temperature Range	°C		-30 to +80
Material & Plate	-		Steel
Cable Specification	-		Ø5.4 x 4P x 12m (Urethane)
Safety Overload	% R.L.		150% R.L.

Features

- ▶ Designed according to IP67

Option

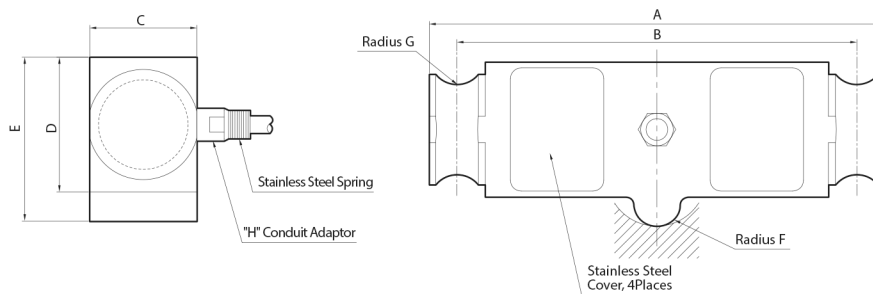
- ▶ DSB2 TW Accessory Set

Application

- ▶ Hopper, Tank Scale
- ▶ Truck scale

Dimensions

- ▶ DSB2



Capa.	A	B	C	D	E	F	G	H
25-40klb	209.6	184.2	49.3	62.0	75.5	12.7	12.7	1/4-18NPT
75klb	292.1	254.0	49.3	74.7	88.15	25.4	19.1	1/2-14NPT