

BCP | Single Point Load Cell



Description

BCP is a low profile single point type load cell of aluminum material. This high-precision load cell is suitable for medium-sized Commercial, Industrial/Bench and Count Scales.

Specifications

Capacity(R.L.)	kgf	50, 100, 200	
Rated Output	mV / V	1.2 ± 0.12	
Zero Balance	mV / V	0.0 ± 0.1	
Accuracy Class	-	-	
Non-Linearity	% R.O.	≤0.03	
Hysteresis	% R.O.	≤0.03	
Combined Error	% R.O.	≤0.03	
Repeatability	% R.O.	≤0.01	
Creep for 30min.	% R.O.	≤0.03	
Return for 30min.	% R.O.	≤0.03	
Resolution	-	≤1/3000	
Division	mV / V	0.0004	
Temperature Effect on	-Zero Value	%/10°C	≤0.028
	-Output Value	%/10°C	≤0.014
Excitation	-Recommended	V	10
	-Maximum	V	15
Resistance	-Input	Ω	420 ± 20
	-Output	Ω	350 ± 10
	-Insulation	MΩ	> 2000
Compensated Temperature Range	°C	-10 to +40	
Operating Temperature Range	°C	-30 to +80	
Material & Plate	-	Aluminum	
Cable Specification	-	Ø5.4 x 4p x 1m (PVC)	
Safety Overload	% R.L.	150	
Platform Size	mm	400 x 400	

Features

- ▶ Pressure type
- ▶ Designed according to IP65

Application

- ▶ Commercial Scale
- ▶ Platform Scale

Dimensions

▶ BCP

