

# BC | Single Point Load Cell



## Description

BC is a single point type load cell of aluminum material. It is suitable for medium sized commercial scale, bench scale and counting scale.

## Specifications

Capacity(R.L.)	kgf	3, 5, 6, 12, 15, 30, 50	
Rated Output	mV / V	3 ~ 5kgf : 1.0±0.1 / 6 ~ 50kgf : 1.2±0.12	
Zero Balance	mV / V	0.0±0.06	
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	0.00033 (Approx.) / 0.0004 (Approx.)	
Temperature Effect on	-Zero Value -Output Value	% / 10°C % / 10°C	≤ 0.028 ≤ 0.014
Excitation	-Recommended -Maximum	V V	10 15
Resistance	-Input -Output -Insulation	Ω Ω MΩ	420 ± 20 350 ± 3.5 > 2000
Compensated Temperature Range	°C	-10 to +40	
Operating Temperature Range	°C	-30 to +80	
Material & Plate	-	Aluminum	
Cable Specification	-	Ø5 x 4p x 35cm (PVC)	
Safety Overload	%R.L.	150	
Platform Size	mm	400 x 400	

## Features

- ▶ Pressure type
- ▶ Designed according to IP65

## Application

- ▶ Commercial Scale
- ▶ Bench Scale
- ▶ Counting Scale

## Dimensions

▶ BC

