

# BCW

Single Point Load Cell



### Description

BCW is a Single point type load cell of aluminum material. This high-precision load cell is suitable for medium-sized Commercial, Industrial/Bench and Count Scales. Its IP65 rating makes it an excellent choice for moist environments.

### Specifications

Capacity(R.L.)	kgf	60, 70, 150, 180	
Rated Output	mV / V	1.5 ± 0.15	
Zero Balance	mV / V	0.0 ± 0.03	
Accuracy Class	-	C3	-
Non-Linearity	% R.O.	≤0.025	≤0.03
Hysteresis	% R.O.	≤0.025	≤0.03
Combined Error	% R.O.	≤0.025	≤0.03
Repeatability	% R.O.	≤0.01	≤0.01
Creep for 30min.	% R.O.	≤0.017	≤0.03
Return for 30min.	% R.O.	≤0.017	≤0.03
Resolution	-	≤1/4000	≤1/3000
Division	mV / V	0.000375	0.0005
Temperature Effect on	-Zero Value	%/10°C	≤0.014
	-Output Value	%/10°C	≤0.011
Excitation	-Recommended	V	10
	-Maximum	V	15
Resistance	-Input	Ω	400 ± 20
	-Output	Ω	350 ± 3.5
	-Insulation	MΩ	> 2000
Compensated Temperature Range	°C	-10 to +40	
Operating Temperature Range	°C	-30 to +80	
Material & Plate	-	Aluminum	
Cable Specification	-	Ø5 x 6P x 1.5m (PVC)	
Safety Overload	% R.L.	150	
Platform Size	mm	400 x 500	

### Features

- ▶ Pressure type
- ▶ Designed according to IP65

### Option

- ▶ OIML C3 Approved (OIML R60)

### Application

- ▶ Waterproof Bench Scale
- ▶ Waterproof Platform Scale
- ▶ Waterproof Count Scale

### Dimensions

▶ BCW

