

BC-F

Single Point Load Cell



Description

BC-F is a single point type load cell of aluminum material. It is suitable for large sized commercial scale, industrial scale and bench scale.

Specifications

| Capacity(R.L.) | | kgf | 200, 300, 400, 600, 700, 1000 |
|-------------------------------|----------------------------------|------------------|---------------------------------|
| Rated Output | mV / V | | 1.2 ± 0.12 |
| Zero Balance | mV / V | | 0.0 ± 0.1 |
| Accuracy Class | - | | C3 |
| Non-Linearity | % R.O. | | ≤ 0.025 |
| Hysteresis | % R.O. | | ≤ 0.025 |
| Combined Error | % R.O. | | ≤ 0.025 |
| Repeatability | % R.O. | | ≤ 0.01 |
| Creep for 30min. | % R.O. | | ≤ 0.017 |
| Return for 30min. | % R.O. | | ≤ 0.017 |
| Resolution | - | | ≤ 1/4000 |
| Division | mV / V | | 0.0003 |
| 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 | 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 | - | | Ø6 x 4P x 3m (PVC) |
| Safety Overload | % R.L. | | 150 |
| Platform Size | mm | | 500 x 700 |

Features

- ▶ Pressure type
- ▶ Designed according to IP65

Option

- ▶ OIML C3 Approved (OIML R60)

Application

- ▶ Bench Scale
- ▶ Platform Scale

Dimensions

- ▶ BC-F

