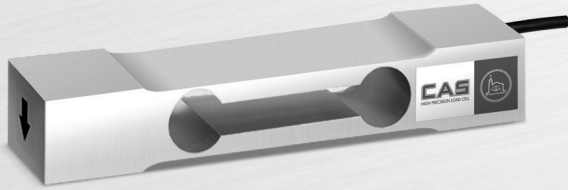


BCL | Single Point Load Cell (6~30kgf)



Description

BCL is a low profile single point type load cell of aluminum material. It is suitable for small sized commercial scale, bench scale, and counting scale.

Specifications

| Capacity(R.L.) | kgf | 6, 10, 15, 20, 30 | | |
|-------------------------------|---------------|----------------------|-----------|--------|
| Rated Output | mV / V | 2.0 ± 0.2 | | |
| Zero Balance | mV / V | 0.0 ± 0.05 | | |
| 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 | 0.0005 | 0.00067 | |
| Temperature Effect on | -Zero Value | %/10°C | ≤0.014 | ≤0.028 |
| | -Output Value | %/10°C | ≤0.011 | ≤0.014 |
| Excitation | -Recommended | V | 10 | |
| | -Maximum | V | 15 | |
| Resistance | -Input | Ω | 420 ± 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 | - | Ø4 x 4P x 60cm (PVC) | | |
| Safety Overload | % R.L. | 150 | | |
| Platform Size | mm | 300 x 300 | | |

Features

- ▶ Pressure type
- ▶ Designed according to IP65

Option

- ▶ OIML C3 Approved (OIML 60)

Application

- ▶ Commercial Scale
- ▶ Bench Scale
- ▶ Platform Scale

Dimensions

- ▶ BCL (6-50kgf)

