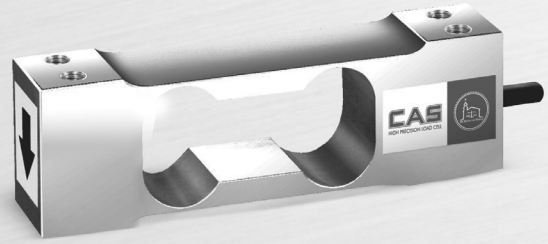
BCL | Single Point Load Cell (1~5kgf)



Description

BCL is a low profile single point type load cell of aluminum material. It is suitable for small sized simple scale.

Features

- Pressure type
- Designed according to IP65

Application

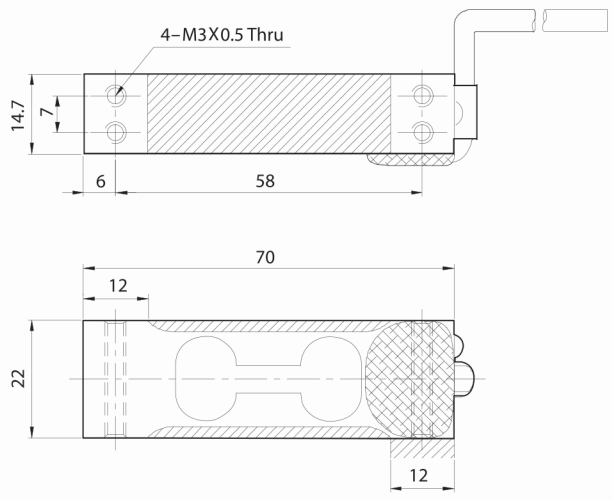
- Commercial Scale
- Bench Scale
- Platform Scale

Specifications

Capacity(R.L.)		kgf	1, 2, 3, 5
Rated Output		mV / V	1.0 ± 0.1
Zero Balance		mV / V	0.0 ± 0.05
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
Temperature Effect on	-Zero Value	%/10℃	≤ 0.028
	-Output Value	%/10℃	≤ 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		℃	-10 to +40
Operating Temperature Range		℃	-30 to +80
Material & Plate		-	Aluminum
Cable Specification		-	Ø4 x 4P x 60cm (PVC)
Safety Overload		% R.L.	150
Platform Size		mm	200 x 200

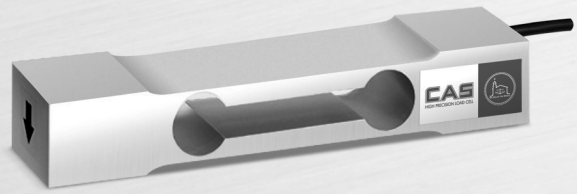
Dimensions

- BCL (1~5kgf)



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

OIML



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.

Features

- Pressure type
- Designed according to IP65

Option

- OIML C3 Approved (OIML 60)

Application

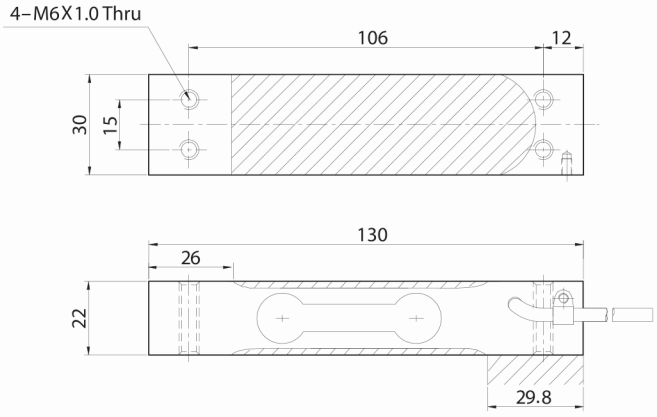
- Commercial Scale
- Bench Scale
- Platform Scale

Specifications

Capacity(R.L.)		kgf	6, 10, 15, 20, 30	
Rated Output Zero Balance		mV / V mV / V	2.0 ± 0.2 0.0 ± 0.05	
Accuracy Class		-	C3	-
Non-Linearity Hysteresis Combined Error Repeatability Creep for 30min. Return for 30min. Resolution Division		% R.O. % R.O. % R.O. % R.O. % R.O. % R.O. - mV / V	≤0.025 ≤0.025 ≤0.025 ≤0.01 ≤0.017 ≤0.017 ≤1/4000 0.0005	≤0.03 ≤0.03 ≤0.03 ≤0.01 ≤0.03 ≤0.03 ≤1/3000 0.00067
Temperature Effect on	-Zero Value -Output Value	%/10℃ %/10℃	≤0.014 ≤0.011	≤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 Operating Temperature Range		℃ ℃	-10 to +40 -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	

Dimensions

▶ BCL (6~50kgf)



BCL | Single Point Load Cell (60~200kgf)



Description

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

Features

- Pressure type
- Designed according to IP65

Application

- Commercial Scale
- Bench Scale
- Counting Scale
- Belt Scale
- Platform Scale

Specifications

Capacity(R.L.)		kgf	60, 100, 150, 200
Rated Output		mV / V	2.0 ± 0.2
Zero Balance		mV / V	0.0 ± 0.01
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	0.00067
Temperature Effect on	-Zero Value	%/10℃	≤ 0.028
	-Output Value	%/10℃	≤ 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		℃	-10 to +40
Operating Temperature Range		℃	-30 to +80
Material & Plate		-	Aluminum
Cable Specification		-	Ø4 x 4P x 2m (PVC)
Safety Overload		% R.L.	150
Platform Size		mm	400 x 400

Dimensions

▶ BCL (60~200kgf)

