



Series BBCK300

Bending Beam Load Cell (10kg ~ 300kg)

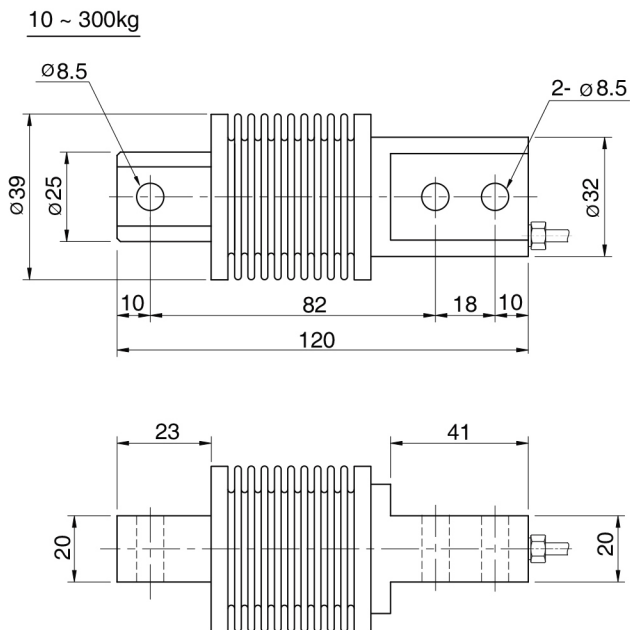


The BBCK300 series single ended bending beam load cell is designed for tension or compression loading applications including hopper scale and conveyor weighing.

- 17-4PH stainless steel construction for high accuracy and corrosion resistance.
- Fully welded seal with stainless steel bellows for hostile environments and washdown applications.

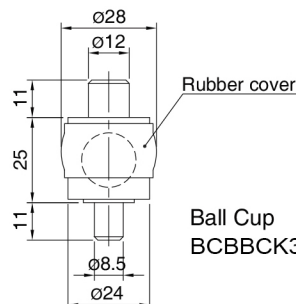
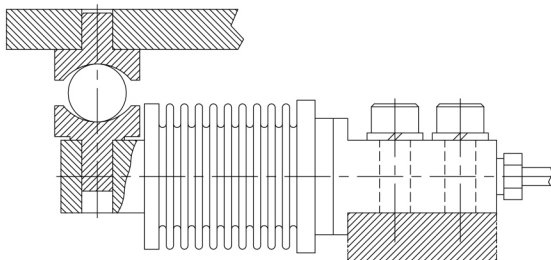


SPECIFICATIONS



TYPE	BBCK300
Rated capacity (R.C.)	10, 20, 50, 100, 200, 300, 500kg
Rated output (R.O.)	2mV/V $\pm$ 0.3%
Non-linearity	$\leq$ 0.03% R.O.
Hysteresis	$\leq$ 0.02% R.O.
Non-repeatability	$\leq$ 0.02% R.O.
Creep error	$\leq$ 0.03% in 20min.
Zero balance	$\leq$ 1% R.O.
Compensated temperature range	-10 ~ 70°C
Operating temperature range	-20 ~ 80°C
Temp. effect on rated output	$\leq$ 0.02% LOAD/10°C
Temp. effect on zero balance	$\leq$ 0.02% R.O./10°C
Terminal input resistance	400 Ohms $\pm$ 20 Ohms
Terminal output resistance	350 Ohms $\pm$ 5 Ohms
Insulation resistance (Min.)	2000 MOhms at 50V DC
Excitation Voltage	10V(Recommended), 15V(Maximum)
Electrical connection	ϕ 5mmx3m(22AWG x 4Core Shielded)
Protection class	meets IP 68
Safe overload	150% R.C
Ultimate overload	300% R.C

Installation



Ball Cup
BCBBCK300-



ORDERING INFORMATION

BBCK300 - 50

TYPE
BBCK300

CAPACITY
10, 20, 50, 100kg
200, 300kg

WIRING INFORMATION

