



Series SBBLC

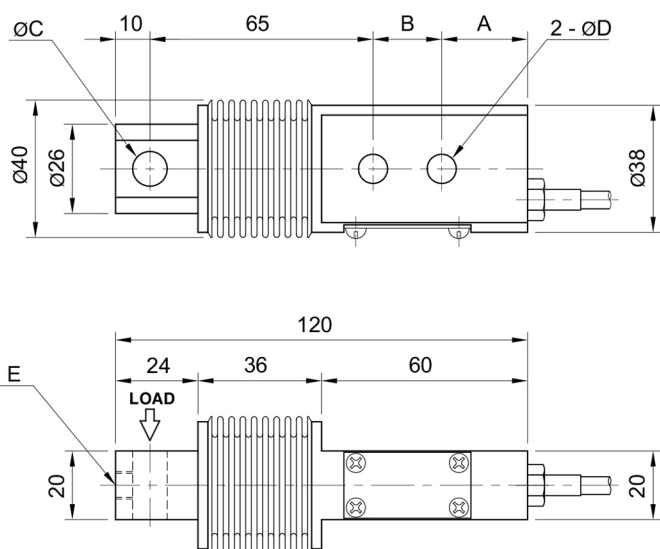
Bending Beam Load Cell (20kg ~ 300kg)



- 17-4PH stainless steel construction
- Fully welded seal with stainless steel bellows
- High accuracy

SPECIFICATIONS

TYPE	SBBLC
Rated capacity (R.C.)	20, 50, 100, 200, 300kg
Rated output (R.O.)	2.0mV/V $\pm$ 0.003mV/V
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	$\leq$ 0.003% LOAD/°C
Temp. effect on zero balance	$\leq$ 0.003% R.O./°C
Terminal input resistance	400 Ohms $\pm$ 30 Ohms
Terminal output resistance	350 Ohms $\pm$ 5 Ohms
Insulation resistance (Min.)	2000 MOhms at 50V DC
Excitation Voltage	1~12V(Recommended), 15V(Maximum)
Electrical connection	$\varnothing$ 5mmx3m, 5m(Optional), 22AWG x 4C
Protection class	meets IP 68
Safe overload	150% R.C
Ultimate overload	300% R.C



DIMENSIONS-mm

Rated Capacity	A	B	C	D	E	Weight(kg)
20kg (196.1N)	27	18	8.1	6.5	M8x1.25P	0.7
50kg (490.3N)						
100kg (980.7N)	25	20	10.1	8.5	N/A	0.7
200kg (1.961kN)						
300kg (2.942kN)						

ORDERING INFORMATION

SBBLC - 50

TYPE
SBBLC

CAPACITY
20, 50, 100kg
200, 300kg

WIRING INFORMATION

