



Series BBLC/BBLC2

Bending Beam Load Cell (10Kg ~ 500Kg)

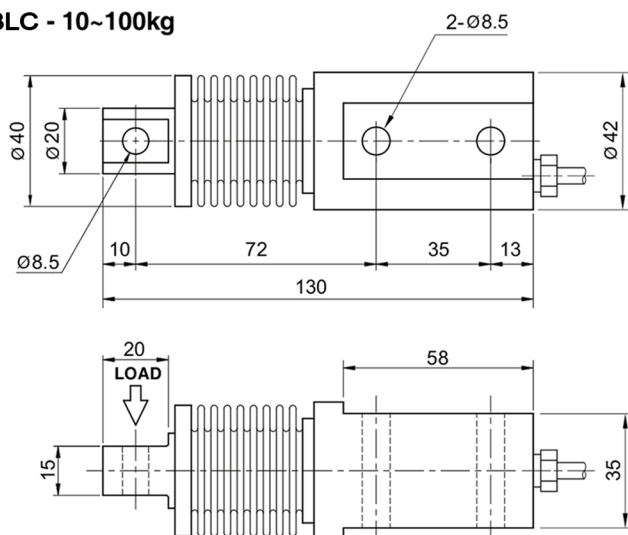


The BBLC series single ended bending beam load cell is designed for tension or compression loading applications including bench scale and conveyor weighing.

- Fully welded seal with stainless steel bellows for hostile environment applications.
- 17-4PH stainless steel construction.

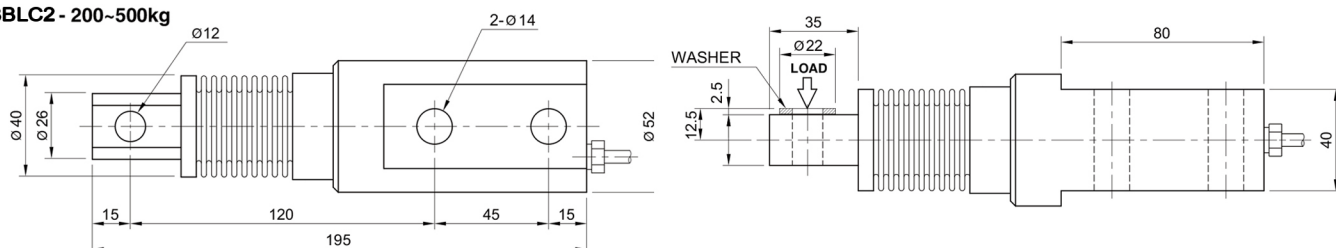
SPECIFICATIONS

BBLC - 10~100kg



TYPE	BBLC	BBLC2
Rated capacity (R.C.)	10, 20, 50, 100 kg	200, 300, 500 kg
Rated output(R.O.)	2.0mV/V $\pm$ 0.2%	
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(Max.)	
Electrical connection	$\varnothing$ 5mmx3m(22AWG x 4Core Shielded)	
Protection class	meets IP 68	
Safe overload	150% R.C	
Ultimate overload	300% R.C	

BBLC2 - 200~500kg



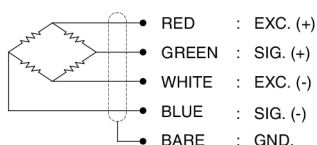
DIMENSIONS-mm

Rated Capacity	A	B	C	D	E	F	G	H	I	J	K	L	P	Q	S	Weight (kg)
10~100kg(98.1N~980.7N)	130	10	72	35	13	39	20	10.5	42	8.5	8.5	20	58	15	35	0.9
200~500kg(1.96KN~4.90KN)	200	20	120	45	15	50	29	14	52	12	14	40	80	25	40	1.9

ORDERING INFORMATION

BBLC	-	50
TYPE		CAPACITY
BBLC		10, 20, 50, 100kg
BBLC2		200, 300, 500kg

WIRING INFORMATION



* Specifications are subject to change without notice

WZO CONTROLS LTD