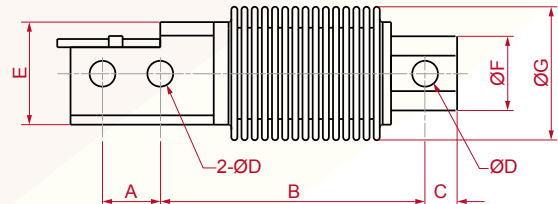


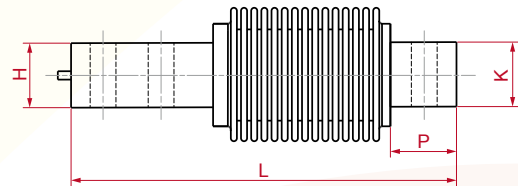


by 
...better value by design!

DIMENSIONS



TOP VIEW



FRONT VIEW

DESCRIPTION

The LCBB Series is a low-cost, stainless steel bending beam loadcell with capacities ranging from 5kg to 500kg. Its IP-68 sealing makes it ideal for corrosive or harsh environments.

Capacity	A	B	C	D	E	F	G	H	K	L	P	Weight
5kg, 10kg, 20kg, 30kg, 50kg, 100kg, 200kg	18	82	10	8.2	31.75	23	39	20	20	120	21.2	0.9kg
350kg, 500kg	18	82	10	10.3	31.75	24	39	20	19	120	21.2	0.9kg

All Dimensions in mm Unless Noted Otherwise

TECHNICAL DATA

Signal Output at Capacity	2mV/V \pm 1mV
Linearity Error	<0.017% FSO (0.05% FSO)*
Non-Repeatability	<0.010% FSO
Combined Error	<0.020% FSO (0.05% FSO)*
Creep/(30 Minutes)	<0.020% FSO (0.05% FSO)*
Zero Balance	<1% Capacity
Temperature Effect on Span (/10°C)	<0.014% FSO (0.05% FSO)*
Temperature Effect on Zero (/10°C)	<0.017% FSO (0.07% FSO)*
Operating Temperature Range	-35°C to +65°C
Compensated Temperature Range	-10°C to +40°C
Storage Temperature	-50°C to +85°C

Service Load	100% Capacity
Safe Load	150% Capacity
Ultimate Load	300% Capacity
Input Resistance	445 Ω \pm 65 Ω
Output Resistance	350 Ω \pm 3.5 Ω
Insulation Resistance	>5,000M Ω @ 50VDC
Excitation Voltage (Recommended)	5V to 12V AC/DC
Excitation Voltage (Maximum)	18V AC/DC
Cable	3m, \varnothing 5.0mm
Construction Material	17-4PH Stainless Steel
Sealing	IP-68

* Applies to the 5kg and 10kg capacities only

Accuweigh Pty Ltd

WESTERN AUSTRALIA (HEAD OFFICE):
PHONE: (08) 9259 5535

SOUTH AUSTRALIA OFFICE:
PHONE: (08) 8447 5011

NEW SOUTH WALES (SYDNEY) OFFICE:
PHONE: (02) 9728 4877



ACCUWEIGH

www.accuweigh.com.au

VICTORIA OFFICE:
PHONE: (03) 9548 5554

NEW SOUTH WALES (NEWCASTLE) OFFICE:
PHONE: (02) 4966 8900

QUEENSLAND OFFICE:
PHONE: (07) 3265 5520