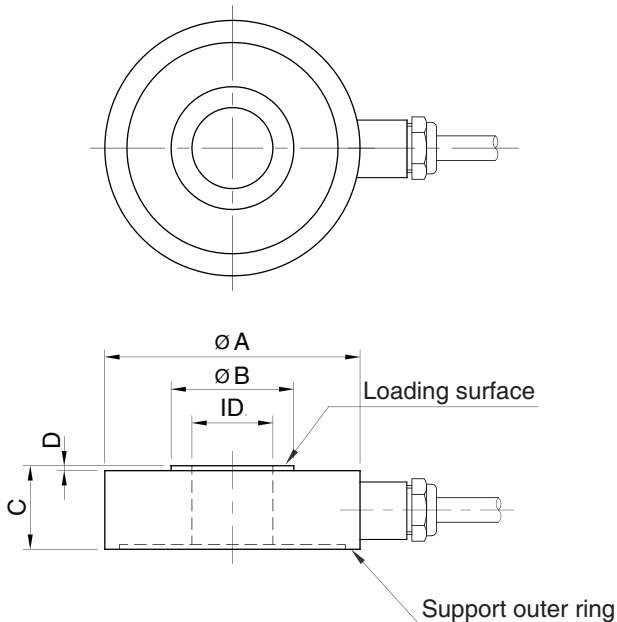


Model CWL Series

Thru-Hole Load Cell
(0.5t ~ 5t)

- 17-4PH Stainless steel construction
- Fully welded seal with stainless steel cover
- Compact size with low profile

Custom designs are available in various range of capacity and dimension.



SPECIFICATIONS

MODEL	CWL
Rated capacity (R.C.)	0.5, 1, 2, 3, 5ton
Rated output(R.O.)	2mV/V $\pm$ 0.5%
Non-linearity	$\leq$ 0.5% R.O.
Hysteresis	$\leq$ 0.5% R.O.
Non-repeatability	$\leq$ 0.2% R.O.
Creep error	$\leq$ 0.1% 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	$\leq$ 0.05% LOAD/10°C
Temp. effect on zero balance	$\leq$ 0.05% R.O./10°C
Terminal input resistance	830 Ohms $\pm$ 50 Ohms
Terminal output resistance	700 Ohms $\pm$ 10 Ohms
Insulation resistance (Min.)	2000 MOhms at 50V DC
Excitation voltage	3~12V(Recommended), 15V(Max.)
Electrical connection	$\varnothing$ 5mmx2m (22AWG x 4Core Shielded)
Protection class	meets IP 68
Safe overload	150% R.C
Ultimate overload	300% R.C
Material	Stainless steel (17-4PH)

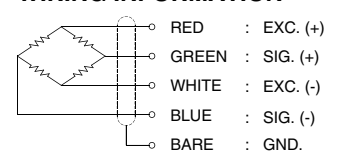
ORDERING INFORMATION

CWL - **3T**
 MODEL CAPACITY
CWL **0.5, 1, 2, 3, 5t**

Custom model

CWL -
 Classification No. Capacity

WIRING INFORMATION



Dimension-mm

Capacity	ID	ØA	ØB	C	D	Weight (kg)
0.5, 1t (4.904, 9.807kN)	Ø13	Ø52	Ø20	20	1	0.2
2t (19.61kN)	Ø16.5	Ø64	Ø30.5	22	2	0.4
3t (29.42kN)	Ø20.5	Ø64	Ø30.5	22	2	0.4
5t (49.04kN)	Ø26	Ø72	Ø36	25	2	0.7

* Specifications are subject to change without notice

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