

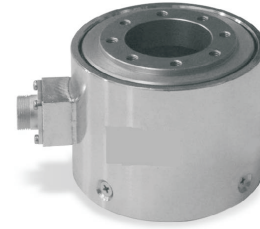
HOLLOW TYPE LOAD CELL

Model LCWH

Easy installation with hole in center.

Designed for use in civil engineering measurement, these loads on tunnel supports and soil pressure on protective Walls to aid control in construction projects.

Protection Class Ip66



SPECIFICATIONS

Specifications	Accuracy
Rated capacity(R.C.)	500kgf, 1tf, 2tf, 3tf, 5tf, 10tf, 20tf, 50tf, 100tf, 200tf, 300tf, 500tf
Rated output(R.O.)	1mV/V $\pm$ 0.4%
Nonlinearity	1% of R.O.
Hysteresis	1% of R.O.
Repeatability	0.2% of R.O.
Zero balance	$\pm$ 2.0% of R.O.
Temperature effect, on rated output	0.05% of LOAD/10°C
Temperature effect, on zero balance	0.1% of R.O./10°C
Temperature range, compensated	-10~60°C
Temperature range, safe	-20 ~ 80°C
Terminal resistance input	700 $\pm$ 50 Ω (500kg:350 Ω)
Terminal resistance output	700 $\pm$ 2 Ω (500kg:350 Ω)
Insulation resistance bridge/case	2000M Ω
Excitation recommended	10V
Safe overload	150% R.C.
Cable length	$\varnothing$ 7mm 4core, 3m

DIMENSIONS TABLE

unit:mm

Capacity	$\varnothing A$	$\varnothing B$	$\varnothing C$	D	E	F	G	Weight(kg)
500kgf (4.903KN)	10	24	40	50	18	2X4-M4 DP10	1	0.5
1tf (9.807KN)	18	55	62	70	44	2X8-M5 DP10	2	1
2tf (19.61KN)	18	55	62	70	44	2X8-M5 DP10	2	1
3tf (29.42KN)	18	55	62	70	44	2X8-M5 DP10	2	1
5tf (49.03KN)	18	55	62	70	44	2X8-M5 DP10	2	1
10tf (98.07KN)	18	55	62	80	44	2X8-M5 DP10	2	1.3
20tf (196.1KN)	43	68	96	80	56	2X8-M6 DP10	3	3
50tf (490.3KN)	80	112	130	110	96	2X6-M8 DP10	3	11
100tf (980.7KN)	85	118	158	110	102	2X6-M12 DP10	3	13
200tf (1.961MN)	120	162	240	120	140	2X6-M12 DP12	3	25
300tf (2.942MN)	120	179	240	120	150	2X6-M12 DP15	3	26
500tf (4.903MN)	150	227	265	200	190	2X12-M16 DP15	8	30

