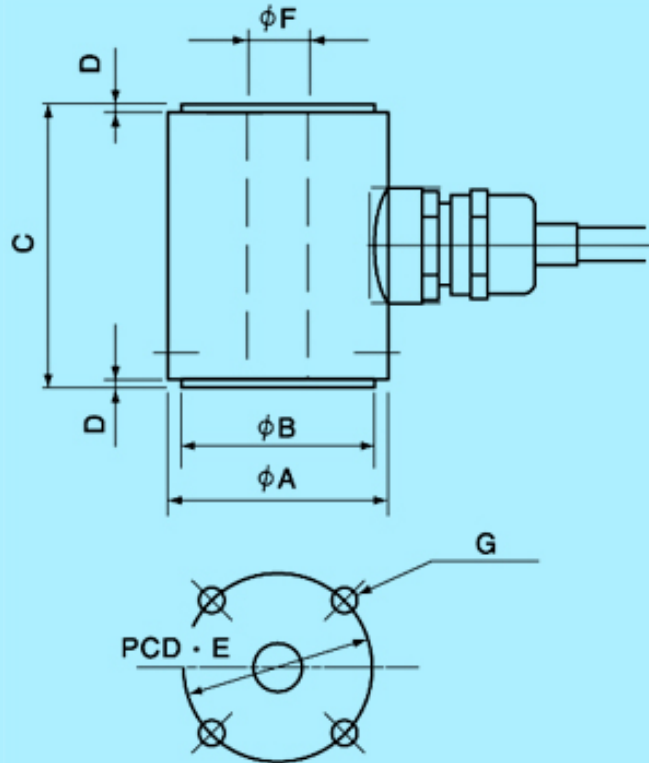


HIGH ACCURACY COMPRESSION TYPE LOAD CELL

MODEL:LCH

→ **OUTLINE**



→ **FEATURES**

Most suitable for load control of riveting, power insetting, or caulking devices,...etc. As relatively low on height, easy to set with press machine and fixing jig tools.

→ **DIMENSIONS**

ITEM MODEL	RATED CAPACITY		Ø A	Ø B	C	D	Ø E	Ø F	G	WEIGHT (kg)
LCH-5KN	5KN	509.9 kgf	40	35	50	1	24	10	2x4-M4 Deep 8	0.30
LCH-10KN	10KN	1.019 tonf	62	55	70	2	44	18	2x4-M5 Deep 8	0.95
LCH-20KN	20KN	2.039 tonf	62	55	70	2	44	18	2x4-M5 Deep 8	1.00
LCH-30KN	30KN	3.059 tonf	62	55	70	2	44	18	2x4-M5 Deep 8	1.00
LCH-50KN	50KN	5.099 tonf	62	55	70	2	44	18	2x4-M5 Deep 8	1.00
LCH-100KN	100KN	10.19 tonf	62	55	80	2	44	×	2x4-M5 Deep 8	1.30
LCH-200KN	200KN	20.39 tonf	88	80	100	2	60	20	2x4-M8 Deep 12	2.90
LCH-300KN	300KN	30.59 tonf	100	90	120	2	70	20	2x4-M8 Deep 15	4.60
LCH-500KN	500KN	50.99 tonf	134	120	150	2	90	30	2x4-M10 Deep 16	11.00

✕ ϕ 18 C'BORE x 6 mm deep on both upper and lower surface, and ϕ 12 through for LCH-100KN.

UNIT: mm

➔ **STANDARD SPECIFICATIONS**

Rated Capacity	5KN ~ 500KN
Rated Output	1mV/V \pm 1%
Non-Linearity	0.3% R.O.
Hysteresis	0.3% R.O.
Repeatability	0.1% R.O.
Recommended Input Voltage	10V
Maximum Input Voltage	18V
Input/Output Resistance	700 Ω \pm 1% (5KN is 350 Ω \pm 1%)
Insulation Resistance	> 2000M Ω
Compensated Temperature Range	-10 ~ +70 $^{\circ}$ C
Operating Temperature Range	-20 ~ +100 $^{\circ}$ C
Temperature Effect on Zero Balance	\pm 0.01% R.O. / $^{\circ}$ C
Temperature Effect on Rated Output	\pm 0.01% / $^{\circ}$ C
Safe Overload Rating	120% R.C.
Cable	ϕ 6, 4-conductor shielded cable 3m long