

High Accuracy Compression Load Cell

220

- Capacities : 5tf...50tf
- Stainless steel construction
- IP68 protection

**Model**

Rated Capacity	Option
220 - <input type="text"/>	- <input type="text"/>
	Blank
	LB Load button
5T	5tf (49kN)
10T	10tf (98kN)
20T	20tf (196kN)
30T	30tf (294kN)
50T	50tf (490kN)

Cable color code

Item	Color
Excitation +	Blue
Excitation -	Black
Signal output +	White
Signal output -	Red
Sense +	Green
Sense -	Gray
Shield	Shield

仕様

Rated output (R.O.)	2mV/V
Rated output tolerance	±0.1%
Zero balance	±2%R.O.
Zero return, 30 min	±0.017%LOAD
Total error	±0.02%R.O.
Temperature effect on zero	±0.001%R.O./°C
Temperature effect on output	±0.001%LOAD/°C
Temperature range, compensated	-10°C~+40°C
Temperature range, safe	-30°C~+70°C
Maximum safe overload	150%R.C.
Ultimate central overload	300%R.C.
Excitation, recommended	10V
Excitation, maximum	20V
Input impedance	1065Ω±60Ω
Output impedance	1025Ω±20Ω
Insulation resistance	>2000MΩ
Cable type	φ5.6, 6-wire, braided, polyurethane, double floating screen
Cable length	5m : [5T] 10m : [10T, 20T] 20m : [30T, 50T]
Construction	Stainless Steel
Environmental protection	IP68
Weight (approx.)	1.1kg : [5T] 1.5kg : [10T] 3.3kg : [20T, 30T] 4.3kg : [50T]
Nominal (rated) deflection	<0.5mm

Outline dimensions (mm)

		220-5T, 10T		220-20T...50T		Dimensions										
Load button (option)	Load direction	φL	φB	SR M	HT	G	φK (Bolt Circle)	φC (Standing Ring)	30	2-M5 Depth D	W (Standing Ring Width)	Cap.	5T	10T	20T,30T	50T
												φA	80	92	110	125
Load button (option)	Load direction	φL	φB	SR M	HT	G	φK (Bolt Circle)	φC (Standing Ring)	30	2-M5 Depth D	W (Standing Ring Width)	φA	80	92	110	125
												φB	19	28	29	41.4
Load button (option)	Load direction	φL	φB	SR M	HT	G	φK (Bolt Circle)	φC (Standing Ring)	30	2-M5 Depth D	W (Standing Ring Width)	φC	71	75.2	101	111.5
												D	7	6	7.5	8
Load button (option)	Load direction	φL	φB	SR M	HT	G	φK (Bolt Circle)	φC (Standing Ring)	30	2-M5 Depth D	W (Standing Ring Width)	G	20	14.6	26.3	29.2
												H	30	33	50.1	57.7
Load button (option)	Load direction	φL	φB	SR M	HT	G	φK (Bolt Circle)	φC (Standing Ring)	30	2-M5 Depth D	W (Standing Ring Width)	φK	70	80	102	114.5
												W	1	1.5	1.5	2.3
Load button (option)	Load direction	φL	φB	SR M	HT	G	φK (Bolt Circle)	φC (Standing Ring)	30	2-M5 Depth D	W (Standing Ring Width)	φL	38	38	40	60
												HT	42.5	53.4	68.8	83.5
Load button (option)	Load direction	φL	φB	SR M	HT	G	φK (Bolt Circle)	φC (Standing Ring)	30	2-M5 Depth D	W (Standing Ring Width)	SR M	100	100	100	100