



5K shown

Standard Features

The RL90000 is an environmentally sealed, low-profile compression disk designed for excellent performance and is ideal for applications where height is critical. It has capacities from 5,000 to 100,000 pounds and comes with 50 feet of load cell cable. Models with capacities of 5,000 and 10,000 pounds can also be used for tension-loading applications.

Approvals

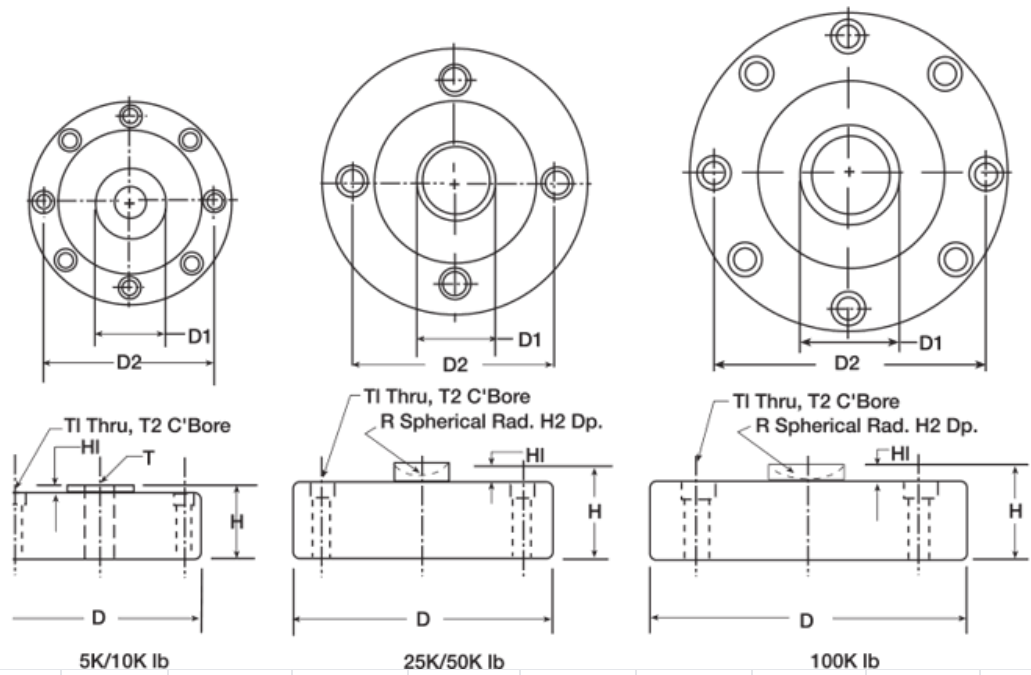


WARNING: Cancer and Reproductive Harm
California Proposition 65

RL90000 Load Cell Specifications

Full Scale Output: 4.0 mV/V Output Resistance: 5,000 to 50,000 lb: 350 (±3) ohm 100,000 lb: 700 (±5) ohm Input Resistance: 5,000 to 50,000 lb: 385 (±5) ohm 100,000 lb: 770 (±70) ohm Material/Finish: High-alloy steel, nickel plated Temperature: Operating: 0 to 150 °F (-18 to 65 °C)	Seal Type: Environmentally sealed, IP67 Safe Overload: 150% full scale Safe Sideload: 100% full scale Rated Excitation: 15 VDC (15 V maximum) Nonlinearity: 0.05% full scale Hysteresis: 0.02% full scale Insulation Resistance: 2,000 megohm	Cable Length: 50 ft Cable Diameter: 5,000 to 25,000 lb: 0.200 in 50,000 to 100,000 lb: 0.305 in Polyurethane jacket Cable Color Code: Red +Excitation Black -Excitation Green +Signal White -Signal Warranty: Two-year limited Approvals: cFMus
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RL90000 Load Cell Dimensions



RATED CAPACITY	5K/10K lb		25K/50K lb			100K lb				
	T	R	D	D1	D2	H	H1	H2	T1	T2
LB/IN										
5,000* to 10,000*	5/8-18 UNF-3B	—	4.12	1.26	3.50	1.37	0.12	—	0.28	0.406 x .283 DP
25,000 to 50,000	—	0.875	4.75	1.53	4.00	2.12	0.50	0.30	0.34	0.508 x .38 DP
100,000	—	0.875	5.50	1.98	4.60	2.25	0.25	0.30	0.41	0.626 x .4 DP

* 5,000lb and 10,000lb models can be used in compression and tension load applications, load cup, pn 33616 is required for compression applications.

PART #	DESCRIPTION	LIST PRICE
33061	5,000lb 15m 4mV/V 350 OHM WW Alloy Steel C/T FM IP67	List Price: \$850.00
33062	10,000lb 15m 4mV/V 350 OHM WW Alloy Steel C/T FM IP67	List Price: \$850.00
33063	25,000lb 15m 4mV/V 350 OHM WW Alloy Steel C FM IP67	List Price: \$995.00
33064	50,000lb 15m 4mV/V 350 OHM WW Alloy Steel C FM IP67	List Price: \$995.00
33065	100k 100,000lb 15m 4mV/V 700 OHM Alloy Steel WW C FM IP67	List Price: \$1,150.00

PART #	DESCRIPTION	LIST PRICE
33616		List Price: \$37.00

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