



Standard Features

An alloy steel, double-ended beam load cell ideal for truck, tank and hopper applications. Complete with 30 ft of load cell cable and available in capacities of 5,000 to 250,000 lb.

Approvals



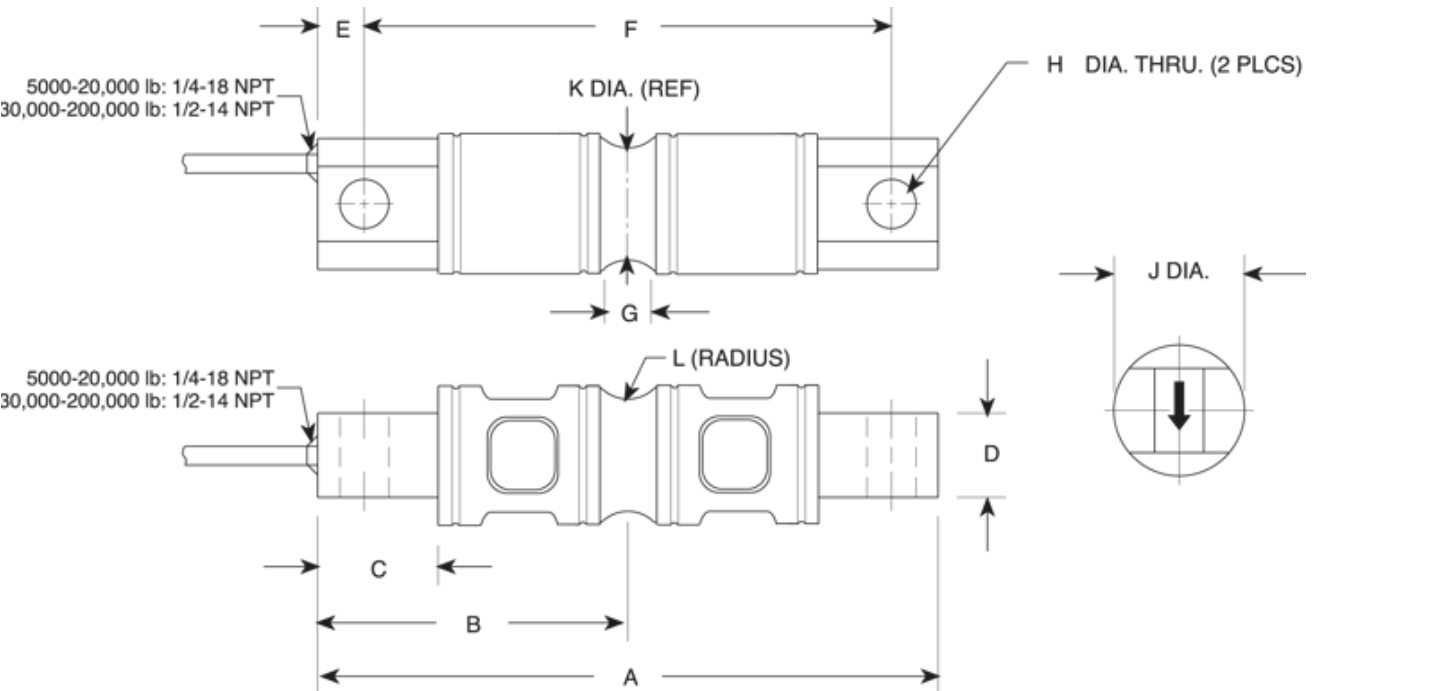
WARNING: Cancer and Reproductive Harm
California Proposition 65

RL72020 Load Cell Specifications

Full Scale Output: 3.0 mV/V Output Resistance: 700 (±5) ohm Input Resistance: 5 to 10 k: 700 (±14) ohm 20 to 150 k: 770 (±10) ohm 200 to 250 k: 700 (±14) ohm Material/Finish: High-alloy steel, nickel plated Temperature: Compensated: 14 °F to 104 °F (-10 °C to 40 °C)	Safe Overload: 150% full scale Safe Sideload: 100% full scale Rated Excitation: 5 to 10 VDC (15 V maximum) Combined Error: 0.02% full scale Insulation Resistance: 5,000 megohm Deflection at Capacity: 5,000 lb: 0.02 in 10,000 lb: 0.025 in 20,000 lb: 0.042 in	Cable Length: 30 ft Cable Color Code: Red +Excitation Black –Excitation Green +Signal White –Signal Warranty: Two-year limited Approvals: NTEP 21-064 cFMus
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Operating: 0 °F to 150 °F (-18 °C to 65 °C) Seal Type: Environmentally sealed, IP67	30,000 to 50,000 lb: 0.02 in 60,000 lb: 0.025 in 100,000 lb: 0.02 in	
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RL72020 Load Cell Dimensions



RATED CAPACITY	A	B	C	D	E	F	G	H	J	K	L
LB/IN											
5,000 to 10,000	8.12	4.06	1.44	1.12	0.62	6.88	0.62	0.66	1.70	1.48	0.50
20,000	8.12	4.06	1.44	1.12	0.62	6.88	0.84	0.66	1.95	1.48	0.50
30,000 to 60,000	10.25	5.12	1.88	2.37	0.88	8.50	1.00	1.06	3.20	2.73	1.00
100,000	11.25	5.62	1.88	2.50	0.88	9.50	1.00	1.06	3.50	3.24	1.50
150,000	11.25	5.62	1.88	2.80	0.88	9.50	1.25	1.06	3.90	3.64	1.50
200,000 to 250,000	16.10	8.05	3.05	4.60	1.55	13.00	1.30	1.56	5.38	5.17	2.00

NTEP Certified

PART #	DESCRIPTION	LIST PRICE
201758	5000lb 30ft 3mv/v 700 Ohm Alloy WW NTEP III 5M IIIL 10M FM IP67	List Price: \$695.00
201759	10000lb 30ft 3mv/v 700 Alloy Ohm WW NTEP III 5M IIIL 10M FM IP67	List Price: \$695.00
201760	20000lb 30ft 3mv/v 700 Ohm Alloy WW NTEP III 5M IIIL 10M FM IP67	List Price: \$695.00
201761	30000lb 30ft 3mv/v 700 Ohm Alloy WW NTEP III 5M IIIL 10M FM IP67	List Price: \$800.00
201762	40000lb 30ft 3mv/v 700 Ohm Alloy WW NTEP III 5M IIIL 10M FM IP67	List Price: \$800.00
201763	50000lb 30ft 3mv/v 700 Ohm Alloy WW NTEP III 5M IIIL 10M FM IP67	List Price: \$800.00

PART #	DESCRIPTION	LIST PRICE
201764	60000lb 30ft 3mv/v 700 Ohm Alloy WW NTEP III 5M IIIL 10M FM IP67	List Price: \$800.00
201765	100000lb 30ft 3mv/v 700 Ohm Alloy WW NTEP III 5M IIIL 10M FM IP67	List Price: \$1,563.00
201766	150000lb 30ft 3mv/v 700 Ohm Alloy WW NTEP III 5M IIIL 10M FM IP67	List Price: \$1,563.00
201767	200000lb 30ft 3mv/v 700 Ohm Alloy WW NTEP III 5M IIIL 10M FM IP67	List Price: \$2,940.00

Non-NTEP Certified

PART #	DESCRIPTION	LIST PRICE
201768	250000lb 30ft 3mv/v 700 Ohm Alloy WW FM IP67	List Price: \$2,940.00

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