

Rice Lake RL70510 and RL80453 Stainless Steel, Rocker Column Load Cells



As of: Monday,
August 3, 2026



Standard Features

These rocker column load cells are replacements for the Fairbanks Scales® 70510 and 80453 rocker column load cells. The RL70510 and RL80453 load cells are stainless steel, hermetically sealed and complete with 15 feet of load cell cable.

Approvals

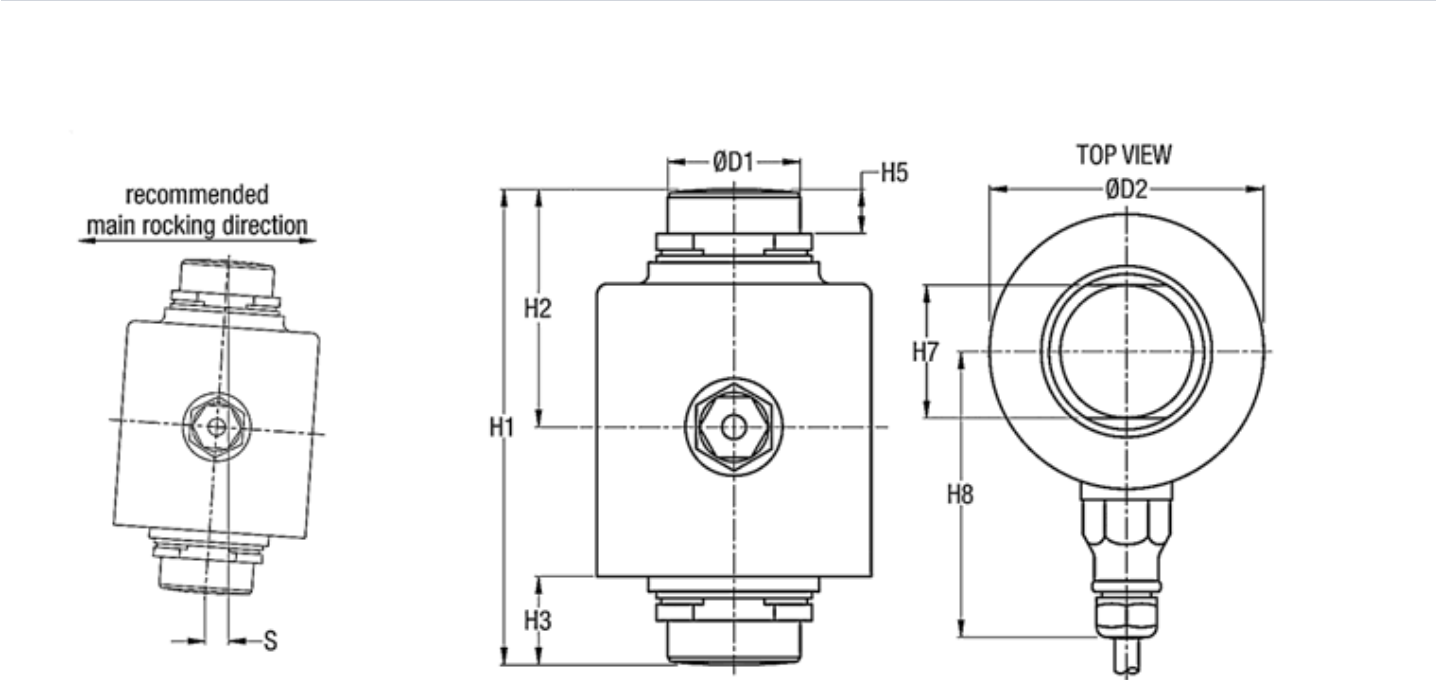


WARNING: Cancer
and Reproductive
Harm California
Proposition 65

RL70510/RL80453 Load Cell Specifications

Full Scale Output: 2.0 mV/V Output Resistance: 1,000 (±2) ohm Input Resistance: 1,150 (±50) ohm Material/Finish: Stainless steel Temperature: Compensated: 14 to 104 °F (-10 to 40 °C) Operating: 0 to 150 °F (-18 to 65 °C)	Seal Type: Hermetically sealed, IP69K Safe Overload: 200% full scale Rated Excitation: 5 to 10 VDC (15 V max) Combined Error: 0.02% full scale Insulation Resistance: 5,000 megohm Cable Length: 15 ft	Cable Diameter: 0.200 in Stainless steel overbraid cable Cable Color Code: Green +Excitation Black -Excitation White +Signal Red -Signal Yellow Shield Warranty: Two-year limited Approvals: NTEP 15-057
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RL70510/RL80453 Load Cell Dimensions



RATED CAPACITY	H1	H2	H3	H5	H7	H8	D1	D2
T/MM								
30	5.51	2.76	1.02	0.51	1.54	3.32	1.54	3.18
LB/IN								
100,000	5.91	2.95	1.30	0.51	1.54	3.32	1.54	3.18

RL70510 30t

PART #	DESCRIPTION	LIST PRICE
169363	30t 15ft stainless overbraid 2mv/v 1000 Ohm EW SST HS NTEP IIIL 10M IP69K	List Price: \$1,044.00
109332	3.75 Dia. x 1.38 Long	List Price: \$143.00
109331	3.75 Dia. x 1.62 Long	List Price: \$116.00

RL80453 100,000 lb

PART #	DESCRIPTION	LIST PRICE
169365	100k 15ft stainless overbraid 2mv/v 1000 Ohm EW SST HS NTEP IIIL 10M IP69K	List Price: \$1,070.00
109332	3.75 Dia. x 1.38 Long	List Price: \$143.00
109331	3.75 Dia. x 1.62 Long	List Price: \$116.00

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