

RL1900 Series

Stainless Steel Weigh Modules



Available in configurations with three or four mounting assemblies.
Picture is a representation of actual product

The RL1900 Series weigh module kit utilizes several Rice Lake Weighing Systems components to provide an unmatched level of performance in tank and hopper weighing applications. The RL1900 kit is ideally suited for tank, hopper and bin weighing operations with medium-range capacities. Each module combines multi-directional movement and self-checking capabilities. The welded-seal, stainless steel RLSSB load cell withstands washdown environments that may present problems to other cells.



Module with welded-seal RLSSB single-ended beam load cell.

Complete Kit Includes

- One JB4SS NEMA Type 4X stainless steel signal trim junction box
- Three or four RL1900 stainless steel compression mounts
- Three or four RLSSB welded stainless steel single-ended beam load cells
- 25 ft of our hostile environment EL147HE SURVIVOR® load cell cable

Standard Features

- NTEP Certified load cells, 1:5000d, Class III single cell
- Capacities (per module): 1,000-10,000lb (453.6-4,535.9 kg)
- 304 stainless steel construction
- Center-pivoted, tension loading design
- Welded-seal stainless steel load cells, IP67
- Self-checking, multi-directional movement
- Easy load cell replacement
- Load is suspended on high-strength bolt instead of wire rope
- Design incorporates spherical washers

Applications

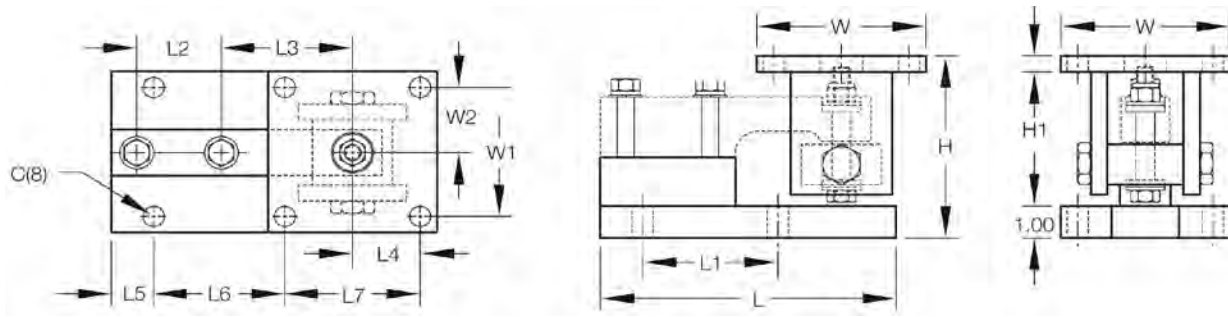
- Medium-capacity tanks, bins and hoppers
- Washdown applications

Optional Features

- Also compatible with RTI SSB load cells

Load Cell Certifications





Dimensions

Rated Capacity	C	H Min/Max	H1	L	L1	L2	L3	L4	L5	L6	L7	W	W1	W2	
lb/in															
1,000-5,000	0.62	5.38/5.62	0.50	8.75	4.00	2.50	3.88	2.00	1.12	4.00	4.00	5.00	4.00	2.00	
10,000	0.81	6.88/7.50	1.00	9.75	5.00	2.63	4.88	2.25	1.00	5.00	4.50	6.00	4.50	2.25	
kg/mm															
453.6-2,268.0	15.8	136.7/142.9	12.7	222.3	101.6	63.5	98.6	50.8	28.4	101.6	101.6	127.0	101.6	50.8	
4,535.9	20.6	174.8/190.5	25.4	247.7	127.0	66.8	124.0	57.2	25.4	127.0	114.3	152.4	114.3	57.2	

Order Information

Load Rating (Per Module)	Part#	Price
Single Module (Does NOT Include Load Cell)		
1,000 lb-5,000 lb	17841	\$600.00
10,000 lb	17843	\$655.00
3-Module Kit		
1,000 lb	18109	\$3,760.00
2,000 lb	18110	\$3,760.00
5,000 lb	18111	\$3,760.00
10,000 lb	18112	\$4,190.00
4-Module Kit		
1,000 lb	18113	\$5,010.00
2,000 lb	18114	\$5,010.00
5,000 lb	18115	\$5,010.00
10,000 lb	18116	\$5,550.00