

25,000 to 100,000 lb

5,000 to 10,000 lb

Picture is a representation of actual product

Approvals



Order Information

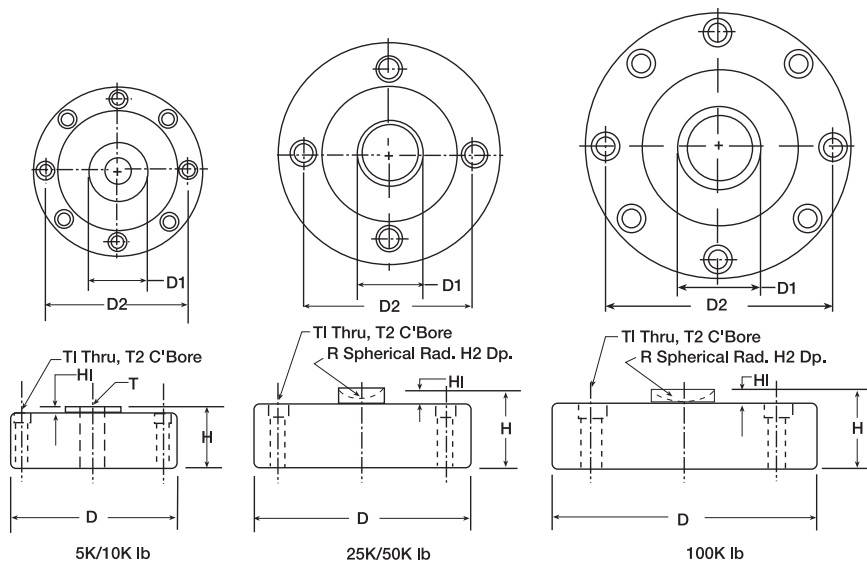
Load Rating	Part #	Est. Weight	Price
5,000 lb*	41966	6 lb	Consult
10,000 lb*	41967	6 lb	Consult
25,000 lb	41968	9 lb	Consult
50,000 lb	41969	9 lb	Consult
100,000 lb	41970	12 lb	Consult
Options			
Ball 1.25 in diameter	65841	1 lb	Consult
Load cup**	33616	1 lb	Consult

* 5,000 lb and 10,000 lb models can be used in compression and tension load applications

** Load cup, PN 33616, is required for compression applications on 5,000 lb and 10,000 lb capacity load cells and is sold separately

Dimensions

Rated Capacity	T	R	D	D2	H	H1	H2	T1	T2
lb/in									
5,000 to 10,000	5/8-18 UNF	—	4.12	3.50	1.37	0.12	—	0.28	0.406 × 0.283 DP
25,000 to 50,000	—	0.875	4.75	4.00	2.12	0.50	0.31	0.34	0.508 × 0.38 DP
100,000	—	0.875	5.43	4.60	2.25	0.25	0.31	0.41	0.626 × 0.4 DP



Interchangeable Products

RICE LAKE WEIGHING SYSTEMS

RL90000page 150

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 °F to 150 °F (-18 °C to 65 °C)

Seal Type:

Environmentally sealed, IP67

Safe Overload:

150% full scale

Rated Excitation:

15 VDC

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:

One-year limited

Approvals:

cFMus