

# RL40BBS

Alloy Steel, Environmentally Sealed, IP65



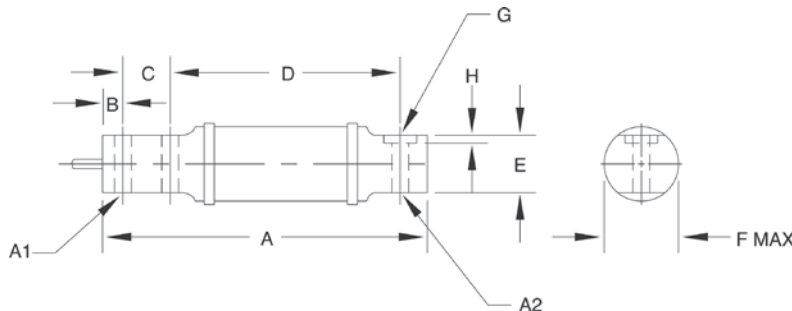
Picture is a representation of actual product.

## Order Information

Load Rating	Part #	Est. Weight	Price
50 lb	17395	3 lb	Consult
100 lb	17343	3 lb	Consult
200 lb	17396	3 lb	Consult
250 lb	17397	3 lb	Consult
500 lb	17398	3 lb	Consult
1,000 lb	17344	3 lb	Consult
2,500 lb	17345	9 lb	Consult

## Dimensions

Rated Capacity	A	A1	A2	B	C	D	E	F	G	H
50 to 100	6.00	0.31	0.31	0.38	0.88	4.25	1.06	1.41	—	—
200 to 1,000	6.62	0.52	0.52	0.50	1.12	4.25	1.06	1.41	—	—
2,500	11.38	0.53	0.62	0.50	1.75	8.25	1.25	2.19	1.19	0.12



RICE LAKE  
LOAD CELLS

## Interchangeable Products

HBK®  
**BBS** ..... page 239  
 VPG® SENSORTRONICS®  
**65087**  
 FAIRBANKS®  
**3-481XX-1**  
 FAIRBANKS  
**3-48660-1**  
 ARTECH®  
**40310**

## Specifications

**Full Scale Output:**  
2.0 mV/V

**Output Resistance:**  
831 (± 50) ohm

**Input Resistance:**  
750 (±) ohm

**Material/Finish:**  
High-alloy steel, nickel plated

**Temperature:**  
Operating range  
0 °F to 150 °F (-18 °C to 65 °C)

**Seal Type:**  
Environmentally sealed with neoprene sleeve, IP65

**Safe Overload:**  
150% full scale

**Rated Excitation:**  
5 to 10 VDC (15 V maximum)

**Deflection at Capacity:**  
50 lb: 0.015 in  
100 lb: 0.005 in  
200 to 250 lb: 0.030 in  
500 lb: 0.025 in  
1,000 lb: 0.040 in  
2,500 lb: 0.120 in

**Nonlinearity:**  
0.03% full scale

**Hysteresis:**  
0.02% full scale

**Insulation Resistance:**  
5,000 megohm

**Cable Length:**  
10 ft

**Cable Diameter:**  
0.200 in polyurethane jacket

**Cable Color Code:**  
Green +Excitation  
Black -Excitation  
White +Signal  
Red -Signal

**Warranty:**  
Two-year limited