

S-Beams

RSC, Stainless Steel Page 213



The RSC is the new generation in "S" type cells. Designed for both single- and multiple-cell applications and built of stainless steel, the RSC is a superior choice for new or conversion applications. NTEP-certified capacities of 100 to 5000 lb (45.4 to 2268.0 kg); non-NTEP capacities of 50 and 10,000 lb (22.7 and 4535.9 kg). Complete with 25' (7.6m) of load cell cable.



S35 Universal, Stainless Steel Featured Products Section Page 8, Page 214

Single-Ended Beams

H35, Stainless Steel Featured Products Section Page 8, Page 215

B35, Stainless Steel Page 216



The B35 is the latest high-quality beam design load cell released by HBM. This stainless steel model is both dimensionally and electrically interchangeable with several other popular stainless beam models. This model differs from other HBM beam products in that it carries a 3.0 mV/V output, and has a 350-ohm bridge. Available in capacities ranging from 500 to 10,000 lb (226.8 to 4535.9 kg), each load cell is also provided with 20' (6.1m) of cable.



BLC, Stainless Steel Page 217



Single-ended bending beam uniquely designed for versatile weighing. Directly interchangeable with other widely-used single-ended beams. Durable stainless steel construction with threaded counterbored load hole. Offers easy installation and load introduction. Capacities of 1000 to 10,000 lb (453.6 to 4535.9 kg).



BBS, Alloy Steel Page 218



Low-cost bending beam load cell designed for precision force and weight measurement. Features excellent performance and protection against adverse environments, alloy and stainless steel sensing elements, and low mounting sensitivity. Capacities of 50 to 7500 lb (22.7 to 3401.9 kg). Complete with 10' (3.1m) of load cell cable.





Single-Ended Beams (Continued)



BLF, Stainless Steel Page 219

This bending beam is a replacement for the Fairbanks® low-profile bending beam. Capacities from 1500 to 5000 lb (680.4 to 2268.0 kg). Integral 15' (4.6m) load cell cable.



SB3, Alloy Steel Featured Products Page 6, Page 220



SBF, Alloy Steel Page 221

This shear beam is a replacement for the Fairbanks® low-profile shear beam. Capacities of 1500 to 5000 lb (680.4 to 2268.0 kg). Integral 15' (4.6m) load cell cable.



Z6, Stainless Steel Page 222

The Z6 bending beam load cell is constructed of stainless steel and welded seal. These features make the Z6 ideal for harsh or caustic environments as well as washdown applications. Capacities of 20 to 1000 kg (44.1 to 2204.6 lb). Complete with 3.1m (10') of load cell cable.



Compression Canisters



JRT, Alloy Steel Page 223

The JRT utilizes a unique torsion ring design and is intended for high capacity loading in tank, vessel and truck weighing applications. The design accommodates the highly accurate rocker pin load introduction technique. Capacities of 20,000 to 100,000 lb (9071.9 to 45,359.2 kg). Complete with 35' (10.7m) of load cell cable.



Single Points



SP4, Aluminum Page 224

The SP4 is a low-profile, off-center load cell designed for use in retail, postal and platform scale applications. This high accuracy single point is manufactured from aluminum, and is moment compensated for guaranteed accuracy. The product is protected by a quality gauge coating compound that provides a barrier against high humidity environments. This product is available in capacities from 7 to 100 kg (15.4 to 220.5 lb), and comes standard with a 1m (3.3') cable.



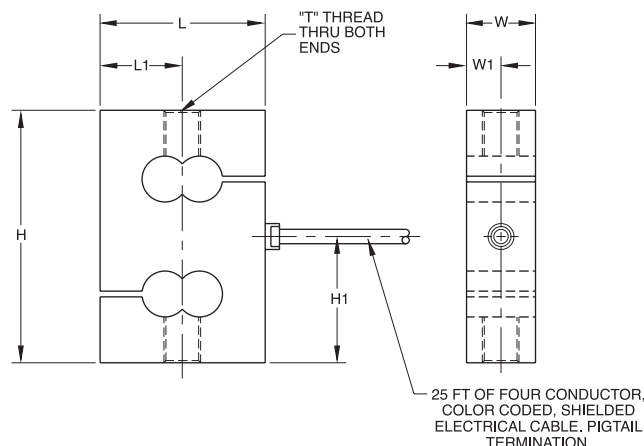
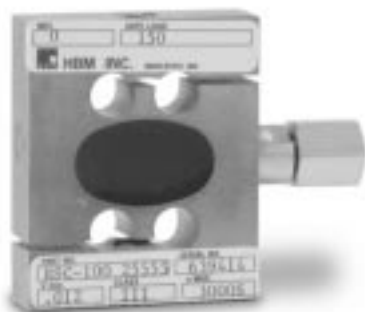
PWS, Stainless Steel Page 225

The PWS is a single-point cell, constructed of stainless steel and designed to perform in harsh, high shock load environments. These features make the PWS ideal for platform scales and packaging and process weighing equipment. Capacities from 7 to 60 kg (15.4 to 132.3 lb). Complete with 3.1m (10') of load cell cable.



RSC S-Beam, Stainless Steel

NTEP 1:3000 Class III Single Cell



RATED CAPACITY	DIMENSIONS						
	H	H1	L	L1	W	W1	T
lb/inches							
50-300	2.44	1.22	2.00	1.00	.59	.29	3/8-24 UNF-2B
500-3000	3.44	1.72	2.25	1.12	.94	.47	1/2-20 UNF-2B
5000	3.94	1.97	2.75	1.38	1.19	.59	3/4-16 UNF-2B
10,000	3.94	1.97	3.00	1.50	1.44	.72	3/4-16 UNF-2B
kg/millimeters							
22.7-136.1	62.0	31.0	50.8	25.4	15.0	7.4	3/8-24 UNF-2B
226.8-4535.9	87.4	43.7	57.2	28.4	23.9	11.9	1/2-20 UNF-2B
2268.0	100.1	50.0	69.9	35.1	30.2	15.0	3/4-16 UNF-2B
4535.9	100.1	50.0	76.2	38.1	36.6	18.3	3/4-16 UNF-2B

SPECIFICATIONS:

Full Scale Output:	2.0 mV/V	Insulation Resistance:	5000 megohms
Bridge Resistance:	350 ohms, nominal	Seal Type:	Environmentally protected
Material/Finish:	Stainless steel	Cable Length:	25'/7.6m
Temperature:	Compensated range 14°F to 104°F/-10°C to 40°C	Cable Color Code:	Green ... + Excitation Black - Excitation White + Signal Red - Signal Yellow Shield
Safe Overload:	150% Full scale	Warranty:	1 year
Rated Excitation:	18V AC/DC		
Nonlinearity:	0.03% Full scale		
Hysteresis:	0.03% Full scale		

RSC ORDER INFORMATION

Load Rating	Part #	Suggested List Price
100 lb (45.4 kg)	21900	\$325.00
200 lb (90.7 kg)	21901	\$325.00
300 lb (136.1 kg)	21902	\$325.00
500 lb (226.8 kg)	21903	\$325.00
750 lb (340.2 kg)	21904	\$325.00
1000 lb (453.6 kg)	21905	\$325.00
2000 lb (907.2 kg)	21906	\$325.00
3000 lb (1360.8 kg)	21907	\$370.00
5000 lb (2268.0 kg)	21908	\$380.00

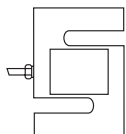
Non-NTEP cells:

50 lb (22.7 kg)	21899	\$325.00
10,000 lb (4535.9 kg)	21909	\$465.00

NTEP 1:10,000 Class IIIL Single Cell available; consult factory for pricing.

WEIGH MODULE AVAILABLE

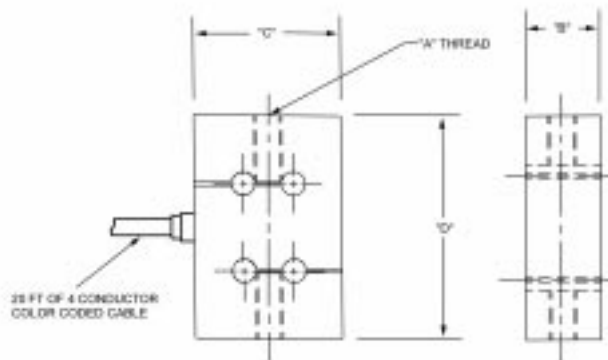
Model	Page #
ITCM Isolated Tension Cell Mount	24-29, or 335



S35 S-Beam, Stainless Steel

NTEP 1:3000 Class III 3S/1:10,000 Class IIIL 10S

**NEW
PRODUCT**



RATED CAPACITY	DIMENSIONS			
	A	B	C	D
lb/inches				
100-200	1/4-28 UNF-2B	.63	2.00	2.50
300	3/8-24 UNF-2B	.63	2.00	3.00
500-3000	1/2-20 UNF-2B	1.00	2.00	3.00
5,000	3/4-16 UNF-2B	1.00	3.00	4.25
10,000	3/4-16 UNF-2B	1.00	3.50	4.75
15,000	1-14 UNF-2B	1.50	4.00	5.50
20,000	1 1/4-12 UNF-2B	2.00	5.00	7.00
lb/inches				
100-200	1/4-28 UNF-2B	16.0	50.8	63.5
300	3/8-24 UNF-2B	16.0	50.8	76.2
500-3000	1/2-20 UNF-2B	25.4	50.8	76.2
5,000	3/4-16 UNF-2B	25.4	76.2	108.0
10,000	3/4-16 UNF-2B	25.4	88.9	120.7
15,000	1-14 UNF-2B	38.1	101.6	139.7
20,000	1 1/4-12 UNF-2B	50.8	127.0	177.8

SPECIFICATIONS:

Full Scale Output:	3.0 mV/V nominal	Deflection at Capacity:	.010"/.25mm
Bridge Resistance:	350 ohms, nominal	Seal Type:	Environmentally protected, IP66
Material/Finish:	Stainless steel	Cable Length:	20'/6.1m
Temperature:	Compensated range 14°F to 104°F/-10°C to 40°C	Cable Color Code:	Red + Excitation Black - Excitation Green + Signal White - Signal Yellow Shield
Safe Overload:		Warranty:	1 year
Rated Excitation:	10V AC/DC (15V maximum)		
Combined Error:	0.03%		
Insulation Resistance:	10,000 megohms		

S35 ORDER INFORMATION

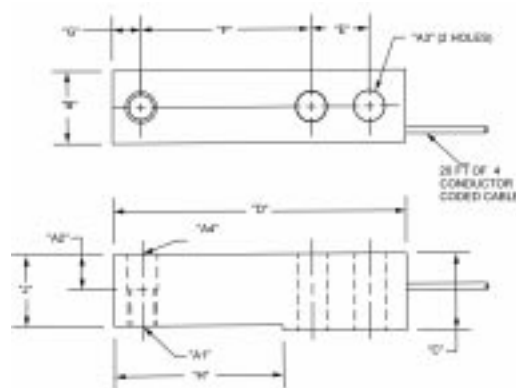
Load Rating	Part #	Suggested List Price
100 lb (45.4 kg)	64859	\$295.00
200 lb (90.7 kg)	64860	\$295.00
300 lb (136.1 kg)	64861	\$295.00
500 lb (226.8 kg)	64862	\$295.00
750 lb (340.2 kg)	64863	\$295.00
1,000 lb (453.6 kg)	64864	\$295.00
2,000 lb (907.2 kg)	64865	\$295.00
2,500 lb (1134.0 kg)	64866	\$295.00
3,000 lb (1360.8 kg)	64867	\$295.00
5,000 lb (2268.0 kg)	64868	\$475.00
10,000 lb (4535.9 kg)	64869	\$550.00
15,000 lb (6803.9 kg)	64870	\$575.00
20,000 lb (9071.8 kg)	64871	\$895.00

USA: 800-472-6703 • Canada/Mexico: 800-321-6703 • International: 715-234-9171

H35 Single Ended Beam, Stainless Steel

NTEP 1:5000 Class III Multiple Cell, IP67

**NEW
PRODUCT**



RATED CAPACITY	DIMENSIONS											
	A1	A2	A3	A4	B	C	D	E	F	G	H	I
lb/inches												
1,000-5000	1/2-20 UNF-2B	.62	.53	.53	1.21	1.19	5.12	1.00	3.00	.50	2.85	1.120
kg/millimeters												
453.6-2268	1/2-20 UNF-2B	15.8	13.5	13.5	30.7	30.2	130.05	25.4	76.2	12.7	72.4	28.4

SPECIFICATIONS:

Full Scale Output:	3.0 mV/V	Insulation Resistance:	5000 megohms
Bridge Resistance:	350 ohms, nominal	Seal Type:	Welded seal, IP67
Material/Finish:	Stainless Steel	Cable Length:	20'/6.1m
Temperature:	Compensated range 14°F to 104°F/-10°C to 40°C	Cable Color Code:	Green ... + Excitation Black - Excitation White + Signal Red - Signal Yellow Shield
Safe Overload:	100% Full scale	Warranty:	1 year
Rated Excitation:	10V DC (15V maximum)		
Nonlinearity:	0.03% Full scale		
Hysteresis:	0.03% Full scale		

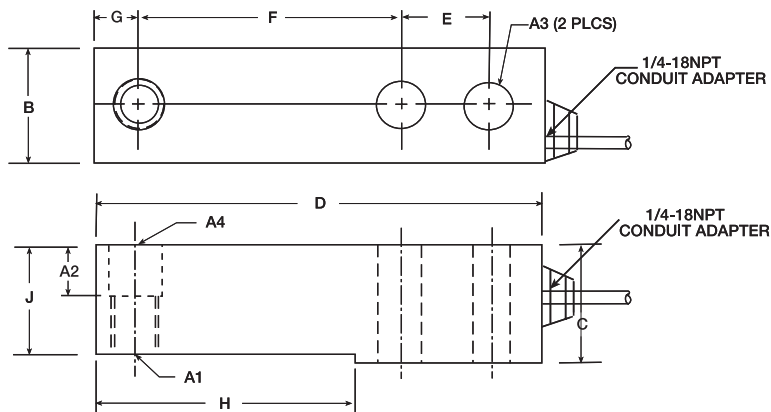
H35 ORDER INFORMATION

Load Rating	Part #	Suggested List Price
1,000 lb (453.6 kg)	64876	\$285.00
2,500 lb (1134.0 kg)	64877	\$285.00
4,000 lb (1814.4 kg)	64878	\$285.00
5,000 lb (2268.0 kg)	64879	\$285.00



B35 Single-Ended Beam, Stainless Steel

NTEP 1:5000 Class III Multiple Cell



RATED CAPACITY	DIMENSIONS											
	A1	A2	A3	A4	B	C	D	E	F	G	H	J
lb/inches												
500	1/2-20 UNF-2B	.50	.53	.53	1.21	1.00	5.12	1.00	3.00	.50	2.85	.93
1000-4000	1/2-20 UNF-2B	.62	.53	.53	1.21	1.19	5.12	1.00	3.00	.50	2.85	1.12
5000-10,000	3/4-16 UNF-2B	.75	.78	.78	1.44	1.44	6.75	1.50	3.75	.75	3.75	1.34
kg/millimeters												
226.8	1/2-20 UNF-2B	12.7	13.5	13.5	30.7	25.4	130.0	25.4	76.2	12.7	72.4	23.6
453.6-1814.4	1/2-20 UNF-2B	15.7	13.5	13.5	30.7	30.2	130.0	25.4	26.2	12.7	72.4	28.4
2268.0-4535.9	3/4-16 UNF-2B	19.1	19.1	19.8	36.6	36.6	171.5	38.1	95.3	19.1	95.3	34.0

SPECIFICATIONS:

Full Scale Output:	3.0 mV/V nominal
Bridge Resistance:	350 ohms, nominal
Material/Finish:	Stainless steel
Temperature:	Compensated range 14°F to 104°F/-10°C to 40°C
Safe Overload:	150% Full scale
Rated Excitation:	10V AC/DC (15V maximum)
Combined Error:	0.04%
Insulation Resistance:	5000 megohms

Deflection at Capacity:	.010"/.25mm
Seal Type:	Environmentally protected
Cable Length:	20'/6.1m
Cable Color Code:	Red + Excitation Black - Excitation Green + Signal White - Signal Yellow Shield
Warranty:	1 year

B35 ORDER INFORMATION

Load Rating	Part #	Suggested List Price
500 lb (226.8 kg)	46486	\$265.00
1000 lb (453.6 kg)	46487	\$265.00
2000 lb (907.2 kg)	46488	\$265.00
2500 lb (1134.0 kg)	46489	\$265.00
3000 lb (1360.8 kg)	46490	\$265.00
4000 lb (1814.4 kg)	46491	\$265.00
5000 lb (2268.0 kg)	46492	\$345.00
10,000 lb (4535.9 kg)	46493	\$345.00

INTERCHANGEABLE PRODUCTS

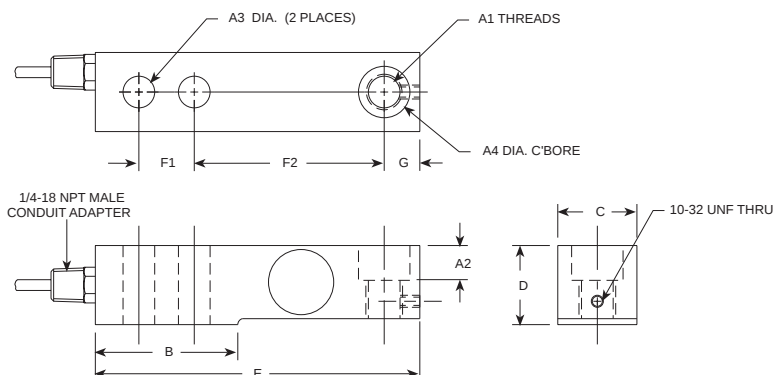
Manufacturer	Model
Rice Lake Weighing Systems	(see page 104) RL39123
Revere	(see page 239) 9123





BLC Single-Ended Beam, Stainless Steel

NTEP 1:5000 Class III Multiple Cell*



RATED CAPACITY	A1	A2	A3	A4	B	C	D	E	F1	F2	G
lb/inches											
1000-4000	1/2-20 UNF-2B	.56	.52	.81	2.27	1.21	1.19	5.25	1.00	3.00	.60
5000	3/4-16 UNF-2B	.79	.78	1.19	3.00	1.45	1.44	6.75	1.50	3.75	.75
10,000	3/4-16 UNF-2B	.79	.78	1.19	3.00	1.45	1.69	6.75	1.50	3.75	.75
kg/millimeters											
453.6-1814.4	1/2-20 UNF-2B	14.2	13.2	20.6	57.6	30.7	30.2	133.3	25.4	76.2	15.2
2268.0	3/4-16 UNF-2B	20.1	19.8	30.2	76.2	36.8	36.6	171.5	38.1	95.3	19.1
4535.9	3/4-16 UNF-2B	20.1	19.8	30.2	76.2	36.8	42.9	171.5	38.1	95.3	19.1

SPECIFICATIONS:

Full Scale Output:	3.0 mV/V nominal
Bridge Resistance:	1000 ohms, nominal
Material/Finish:	Stainless steel
Temperature:	Compensated range 14°F to 104°F/-10°C to 40°C
Safe Overload:	150% Full scale
Rated Excitation:	10V AC/DC (15V maximum)
Nonlinearity:	0.03% Full scale
Hysteresis:	0.05% Full scale
Insulation Resistance:	5000 megohms

Deflection at Capacity:	1000-4000 lb = .010"/.25mm, 5000-10,000 lb = .012"/.30mm
Seal Type:	Environmentally protected
Cable Length:	1000-4000 lb = 10'/3.1m, 5000-10,000 lb = 20'/6.1m
Cable Color Code:	Green + Excitation Black - Excitation White + Signal Red - Signal Yellow Shield
Warranty:	1 year

BLC ORDER INFORMATION			
Load Rating		Part #	Suggested List Price
NTEP* With Counter Bore			
1000 lb (453.6 kg)	.....	21514	 \$265.00
2500 lb (1134.0 kg)	.....	21504	 \$265.00
4000 lb (1814.4 kg)	.....	21515	 \$265.00
5000 lb (2268.0 kg)	.....	21505	 \$355.00
10,000 lb (4535.9 kg)	.....	21506	 \$450.00

Non-NTEP Without Counter Bore			
1000 lb (453.6 kg)	17226	\$265.00	
2500 lb (1134.0 kg)	17227	\$265.00	
4000 lb (1814.4 kg)	17228	\$265.00	
5000 lb (2268.0 kg)	17229	\$355.00	
10,000 lb (4535.9 kg)	17230	\$450.00	

* NTEP certified to 50% of rated capacity

Bushing (for conversion to non-counter bore)

1000 lb - 4000 lb, SST	17691	\$8.00
5000 lb - 10,000 lb, SST	17702	\$15.00

BLC ORDER INFORMATION			
Load Rating		Part #	Suggested List Price
NTEP* Without Counter Bore			
1000 lb (453.6 kg)	.....	63028	 \$265.00
2500 lb (1134.0 kg)	.....	63029	 \$265.00
4000 lb (1814.4 kg)	.....	63030	 \$265.00
5000 lb (2268.0 kg)	.....	63031	 \$355.00
10,000 lb (4535.9 kg)	.....	63032	 \$450.00

INTERCHANGEABLE PRODUCTS	
Manufacturer	Model
Rice Lake Weighing Systems	(see page 106) RLBC

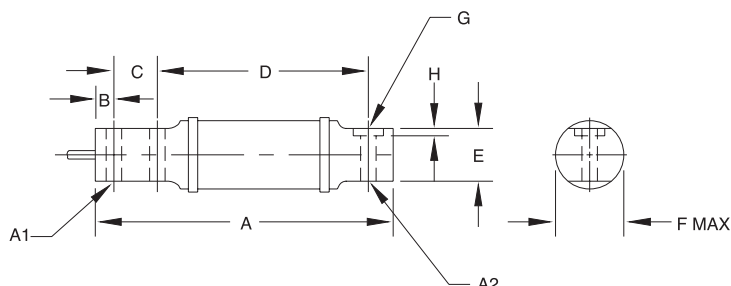


USA: 800-472-6703 • Canada/Mexico: 800-321-6703 • International: 715-234-9171

Prices & Specifications subject to change without notice



BBS Single-Ended Beam, Alloy Steel



RATED CAPACITY	DIMENSIONS									
	A	A1	A2	B	C	D	E	F	G	H
lb/inches										
50-100	6.00	.31	.31	.38	.88	4.25	1.06	1.38	—	—
200-1000	6.63	.51	.51	.50	1.12	4.25	1.06	1.38	—	—
1000LE-2500	11.38	.51	.62	.50	1.75	8.25	1.25	2.00	1.28	.12
5000-7500	12.75	.78	.76	.75	2.00	8.50	2.75	3.50	1.38	.18
kg/millimeters										
22.7-45.4	152.4	7.9	7.9	9.7	22.4	108.0	26.9	35.1	—	—
90.7-453.6	168.4	13.0	13.0	12.7	28.5	108.0	26.9	35.1	—	—
453.6LE-1134.0	289.1	13.0	15.8	12.7	44.5	210.0	31.8	50.8	32.5	3.1
2268.0-3401.9	323.8	19.8	19.3	19.1	50.8	215.9	69.9	88.9	35.1	4.6

SPECIFICATIONS:

Full Scale Output:	2.0 mV/V	Deflection at Capacity:	50 lb = .015"/.38mm, 100 lb = .025"/.64mm, 200-250 lb = .030"/.76mm, 500 lb = .020"/.51mm, 1000 lb = .040"/1.02mm, 2500 lb = .120"/3.05mm, 5000 lb = .090"/2.29mm, 7500 lb = .120"/3.05mm
Bridge Resistance:	50-1000 lb = 750 ohms, nominal 2500-7500 lb = 347 ohms, nominal	Seal Type:	Environmentally protected
Material/Finish:	High-alloy steel, nickel plated	Cable Length:	10'/3.1m
Temperature:	Compensated range 15°F to 115°F/-9°C to 46°C	Cable Color Code:	Green + Excitation Black - Excitation White + Signal Red - Signal
Safe Overload:	150% Full scale	Warranty:	1 year
Rated Excitation:	10V AC/DC (18V maximum)		
Nonlinearity:	0.03% Full scale		
Hysteresis:	0.02% Full scale		
Insulation Resistance:	5000 megohms		

BBS ORDER INFORMATION

Load Rating	Part #	Suggested List Price
50 lb (22.7 kg)	17352	\$425.00
100 lb (45.4 kg)	17353	\$425.00
200 lb (90.7 kg)	17354	\$425.00
250 lb (113.4 kg)	17355	\$425.00
500 lb (226.8 kg)	17356	\$425.00
1000 lb (453.6 kg)	17357	\$425.00
1000 lbLE (453.6 kg)	26107	\$850.00
2500 lb (1134.0 kg)	17358	\$850.00
5000 lb (2268.0 kg)	17359	\$1,095.00
7500 lb (3401.9 kg)	17360	\$1,095.00

INTERCHANGEABLE PRODUCT INFORMATION

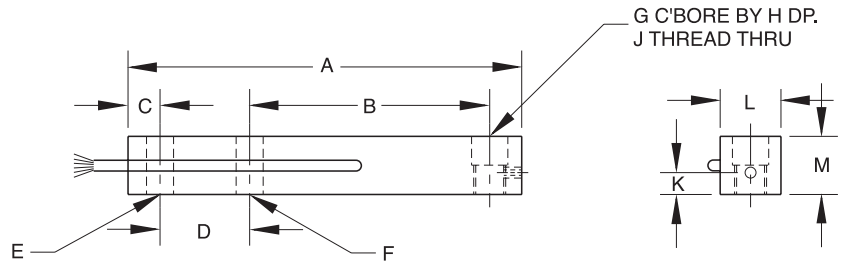
Manufacturer	Model
Rice Lake Weighing Systems	(see page 122) RL40BBS
Sensortronics	60007
BLH®	LBG1
Fairbanks®	3-481XX-1, 3-486XX-1

Fairbanks is a registered trademark of Fairbanks Scales
BLH is a registered trademark of BLH Electronics

USA: 800-472-6703 • Canada/Mexico: 800-321-6703 • International: 715-234-9171



BLF Single-Ended Beam, Stainless Steel



RATED CAPACITY

lb/inches
1500-2500
5000

kg/millimeters
680.4-1134.0
2268.0

DIMENSIONS

	A	B	C	D	E	F	G	H	J	K	L	M
1500-2500	9.00	6.00	.62	1.75	.59	.53	.69	.56	5/8-18 UNF	.31	1.19	1.13
5000	10.00	6.25	.75	2.00	.84	.78	.94	.50	7/8-14 UNF	.50	1.44	1.44
680.4-1134.0	228.6	152.4	15.8	44.5	14.9	13.5	17.5	14.2	5/8-18 UNF	7.9	30.2	28.7
2268.0	254.0	158.8	19.1	50.8	21.3	19.8	23.9	12.7	7/8-14 UNF	12.7	36.6	36.6

SPECIFICATIONS:

Full Scale Output: 2.0 mV/V
Bridge Resistance: 1000 ohms, nominal
Material/Finish: Stainless steel
Temperature: Compensated range
15°F to 115°F/-9°C to 46°C
Manufacturer
Model Number: BLF-XX-15100
Safe Overload: 150% Full scale
Rated Excitation: 10V DC (15V maximum)
Nonlinearity: 0.03% Full scale

Hysteresis: 0.02% Full scale
Insulation Resistance: 5000 megohms
Seal Type: Environmentally protected
Cable Length: 15'/4.6m
Cable Color Code: Green ... + Excitation
Black - Excitation
White + Signal
Red - Signal
Yellow Shield
Warranty: 1 year

BLF ORDER INFORMATION

Load Rating	Part #	Suggested List Price
1500 lb (680.4 kg)	21918	\$535.00
2500 lb (1134.0 kg)	17114	\$535.00
5000 lb (2268.0 kg)	21917	\$640.00

INTERCHANGEABLE PRODUCTS

Manufacturer	Model
Fairbanks®	3-53581-X, 3-52921-1

Fairbanks is a registered trademark of Fairbanks Scales

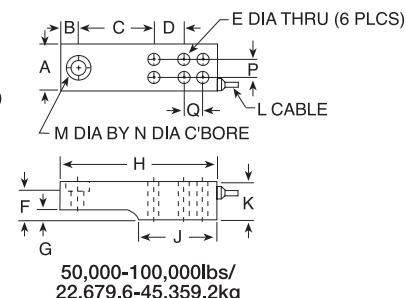
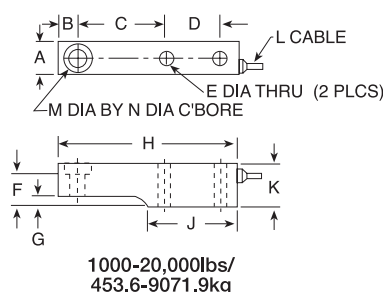
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Prices & Specifications subject to change without notice



SB3 Single-Ended Beam, Alloy Steel

EXPANDED!
Capacity Range



RATED CAPACITY	# MNTG. HOLES	DIMENSIONS													
		A	B	C	D	E	F	G	H	J	K	L	M	N	P/Q
lb/inches															
1000-5000	2	1.44	.88	3.87	2.50	.52	1.41	.44	8.00	4.00	1.88	10'	.68	1.19	—
10,000	2	1.88	.93	4.87	2.62	.88	2.12	.88	9.25	4.63	2.75	15'	1.00	1.63	—
20,000	2	2.38	1.25	5.50	3.25	1.06	2.44	.75	11.00	5.50	3.25	15'	1.25	2.01	—
50,000	6	3.75	1.75	7.12	3.00	.88	3.41	1.44	14.75	7.38	4.62	35'	1.75	2.89	2.00
100,000	6	3.75	1.88	7.75	3.62	1.06	4.38	1.62	16.38	8.25	5.62	35'	.67	2.58	2.12
kg/millimeters															
453.6-2268.0	2	36.6	22.4	98.3	63.5	13.2	35.8	11.2	203.2	101.6	47.8	3.1m	17.3	30.2	—
4535.9	2	47.8	23.6	123.7	66.6	22.4	53.9	22.4	235.0	117.6	69.9	4.6m	25.4	41.4	—
9071.9	2	60.5	31.8	139.7	82.6	26.9	62.0	19.1	279.4	139.7	82.6	4.6m	31.8	51.1	—
22,679.6	6	95.3	44.5	180.9	76.2	22.4	86.6	36.6	374.7	187.5	117.4	10.7m	44.5	73.4	50.8
45,359.2	6	95.3	47.8	196.9	92.0	26.9	111.3	41.1	416.1	209.6	142.8	10.7m	17.0	65.5	53.9

SPECIFICATIONS:

Full Scale Output:	2.0 mV/V
Bridge Resistance:	350 ohms, nominal
Material/Finish:	High-alloy steel
Temperature:	Compensated range 15°F to 115°F/-9°C to 46°C
Safe Overload:	150% Full scale
Rated Excitation:	18V AC/DC maximum
Nonlinearity:	0.03% Full scale
Hysteresis:	0.02% Full scale
Insulation Resistance:	5000 megohms

Deflection at Capacity:	1000 lb = .010"/.25mm, 2000 lb = .012"/.30mm, 5000 lb = .014"/.36mm, 10,000 lb = .018"/.46mm, 20,000 lb = .028"/.71mm, 50,000 lb = .040"/1.02mm, 100,000 lb = .060"/1.52mm
Seal Type:	Environmentally protected
Cable Length:	As per "L" on chart above
Cable Color Code:	Green + Excitation Black - Excitation White + Signal Red - Signal Yellow Shield
Warranty:	1 year

SB3 ORDER INFORMATION

Load Rating	Part #	Suggested List Price
1000 lb (453.6 kg)	17116	\$595.00
2000 lb (909.2 kg)	17117	\$595.00
5000 lb (2268.0 kg)	17118	\$595.00
10,000 lb (4535.9 kg)	17119	\$850.00
20,000 lb (9071.9 kg)	17120	\$995.00
50,000 lb (22,679.6 kg)	17121	\$1,995.00
100,000 lb (45,359.2 kg)	17122	\$2,450.00
115,000 lb (52,164 kg)	45436	\$3,995.00

INTERCHANGEABLE PRODUCTS

Manufacturer	Model
Rice Lake Weighing Systems	(see page 116) RLSSB
Revere Transducers	(see page 245) SSB
Howe Richardson®	37608XX

WEIGH MODULE AVAILABLE

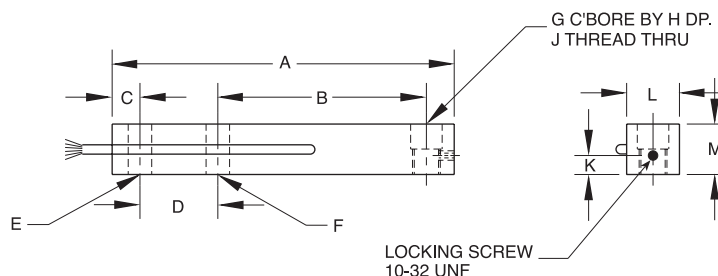
Model	Page #
RL1900 Series	42
(1000 lb - 10,000 lb capacities)	

Howe Richardson is a registered trademark of Howe Richardson Scale Co.

USA: 800-472-6703 • Canada/Mexico: 800-321-6703 • International: 715-234-9171



SBF Single-Ended Beam, Alloy Steel



RATED CAPACITY	A	B	C	D	DIMENSIONS							
lb/inches												
1500-2500	9.00	6.00	.62	1.75	.59	.53	.69	.50	5/8-18 UNF-2B	.25	1.19	1.12
5000	10.00	6.25	.75	2.00	.84	.78	.94	.50	7/8-14 UNF-2B	.50	1.50	1.50
kg/millimeters												
680.4-1134.0	228.6	152.4	15.8	44.5	15.0	13.5	17.5	12.7	5/8-18 UNF-2B	6.4	30.2	28.5
2268.0	254.0	158.8	19.1	50.8	21.3	19.8	23.9	12.7	7/8-14 UNF-2B	12.7	38.1	38.1

SPECIFICATIONS:

Full Scale Output:	3.0 mV/V	Insulation Resistance:	5000 megohms
Bridge Resistance:	1000 ohms, nominal	Seal Type:	Environmentally protected
Material/Finish:	High-alloy steel, nickel plated	Cable Length:	15'4.6m
Temperature:	Compensated range 15°F to 115°F/-9°C to 46°C	Cable Color Code:	Green + Excitation Black - Excitation White + Signal Red - Signal Yellow Shield
Safe Overload:	150% Full scale	Warranty:	1 year
Rated Excitation:	10V DC (15V maximum)		
Nonlinearity:	0.03% Full scale		
Hysteresis:	0.03% Full scale		

SBF ORDER INFORMATION		
Load Rating	Part #	Suggested List Price
1500 lb (680.4 kg)	21708	\$765.00
2500 lb (1134.0 kg)	17115	\$765.00
5000 lb (2268.0 kg)	21707	\$895.00

INTERCHANGEABLE PRODUCTS	
Manufacturer	Model
Fairbanks®	3-48424-X, 3-48363-1A

Fairbanks is a registered trademark of Fairbanks Scales

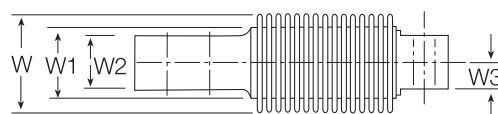
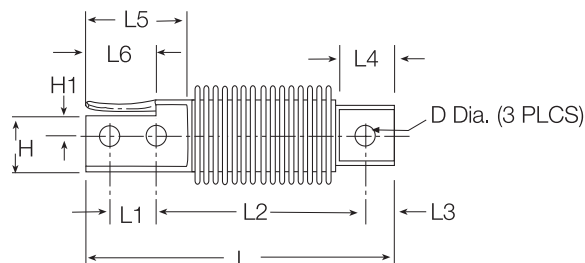
USA: 800-472-6703 • Canada/Mexico: 800-321-6703 • International: 715-234-9171

Prices & Specifications subject to change without notice



Z6 Single-Ended Beam, Stainless Steel

Welded Seal, IP67, OIML C3



RATED CAPACITY	DIMENSIONS													
	H	H1	L	L1	L2	L3	L4	L5	L6	W	W1	W2	W3	D
kg/millimeters														
5-200	23.1	8.1	120.0	18.0	82.0	9.9	21.3	41.9	27.9	41.9	30.0	20.1	9.9	8.20
lb/inches														
11-441.0	.91	.32	4.72	.71	3.23	.39	.84	1.65	1.10	1.65	1.18	.79	.39	.32

SPECIFICATIONS

Full Scale Output: 2.0 mV/V
Bridge Resistance: 350 ohms
Material/Finish: Stainless steel
Temperature: Compensated range
14°F to 158°F/-10°C to 70°C
Safe Overload: 150% Full scale
Rated Excitation: 10V AC/DC (15V maximum)
Combined Error: 0.05% Full scale

Insulation Resistance: 5000 megohms
Seal Type: Welded seal, IP67
Cable Length: 3.1m/10'
Cable Color Code: Green ... + Excitation
Black - Excitation
White + Signal
Red - Signal
Yellow Shield
Warranty: 1 year

Z6 ORDER INFORMATION

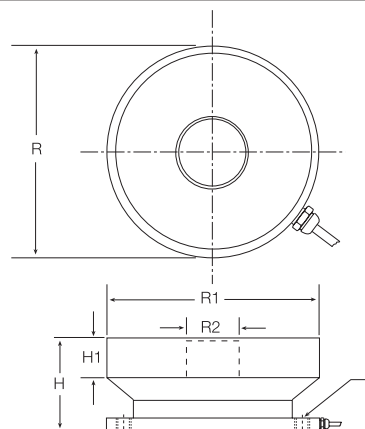
Load Rating	Part #	Suggested List Price
5 kg (11 lb)	36172	\$575.00
10 kg (22.0 lb)	36173	\$575.00
20 kg (44.1 lb)	36174	\$575.00
50 kg (110.2 lb)	36175	\$575.00
100 kg (220.5 lb)	36176	\$575.00
200 kg (441.0 lb)	36177	\$575.00

INTERCHANGEABLE PRODUCTS

Manufacturer	Model
Rice Lake Weighing Systems	(see page 123) RLHBB
Revere Transducers	(see page 244) SHB
Tedea-Huntleigh	(see page 310) 355

JRT Torsion Ring Transducer, Alloy Steel

NTEP 1:10,000 Class IIIL Multiple Cell



RATED CAPACITY	H	H1	DIMENSIONS R	R1	R2	T
lb/inches						
20,000	2.00	.75	4.50	4.42	1.00	3/8-24 UNF
50,000	2.50	1.00	5.50	5.42	1.50	7/16-20 UNF
100,000	2.63	1.13	5.50	5.42	1.50	7/16-20 UNF
kg/millimeters						
9071.9	50.8	19.1	114.3	112.3	25.4	3/8-24 UNF
22,679.6	63.5	25.4	139.7	137.7	38.1	7/16-20 UNF
45,359.2	66.8	28.7	139.7	137.7	38.1	7/16-20 UNF

SPECIFICATIONS

Full Scale Output:	2.0 mV/V	Insulation Resistance:	5000 megohms
Bridge Resistance:	700 ohms	Seal Type:	Environmentally protected
Material/Finish:	Alloy steel	Cable Length:	35'/10.7m
Temperature:	Compensated range 14°F to 113°F/-10°C to 45°C	Cable Color Code:	Green ... + Excitation Black - Excitation White + Signal Red - Signal Yellow Shield
Safe Overload:	150% Full scale	Warranty:	1 year
Rated Excitation:	20V AC/DC		
Combined Error:	0.03% Full scale		

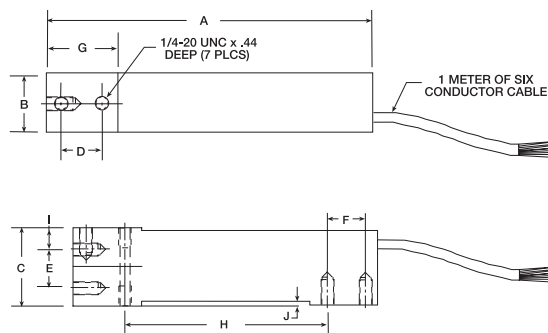
JRT ORDER INFORMATION

Load Rating	Part #	Suggested List Price
NTEP 1:10000		
50,000 lb (22,679.6 kg)	36179	\$925.00
100,000 lb (45,359.2 kg)	36180	\$1050.00
Non-NTEP		
20,000 lb (9071.9 kg)	36178	\$825.00



SP4 Single Point, Aluminum

NTEP 1:5,000 Class III Single Point



RATED CAPACITY	DIMENSIONS									
	A	B	C	D	E	F	G	H	I	J
kg/millimeters 7-100	150.3	25.4	39.9	19.1	19.1	19.1	33.8	99.6	11.4	2.4
lb/inches 15.4-220.5	5.92	1.0	1.57	.75	.75	.75	1.33	3.92	.45	.093

SPECIFICATIONS

Full Scale Output:	2.0 mV/V
Bridge Resistance:	350 ohms nominal
Material/Finish:	Anodized Aluminum
Temperature:	Compensated range 14°F to 104°F/-10°C to 40°C
Safe Overload:	150% Full scale
Rated Excitation:	10 AC/DC (15V maximum)
Combined Error:	0.02% Full scale

Insulation Resistance:	5000 megohms
Deflection at Capacity:	5-100 kg ≤ 0.4mm/.015"
Seal Type:	Environmentally protected
Cable Length:	1m/ 3.3'
Cable Color Code:	Green + Excitation Black - Excitation Orange . + Sense Blue - Sense White + Signal Red - Signal Yellow Shield

Warranty: 1 year

SP4 ORDER INFORMATION

Load Rating	Part #	Suggested List Price
7 kg (15.4 lb)	47853	\$210.00
10 kg (22.1 lb)	47854	\$210.00
15 kg (33.1 lb)	47855	\$210.00
20 kg (44.1 lb)	47856	\$210.00
30 kg (66.2 lb)	47857	\$210.00
50 kg (110.3 lb)	47858	\$210.00
70 kg (154.4 lb)	47859	\$210.00
100 kg (220.5 lb)	47860	\$210.00

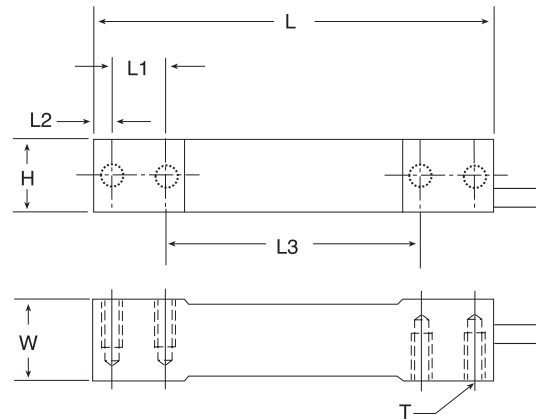
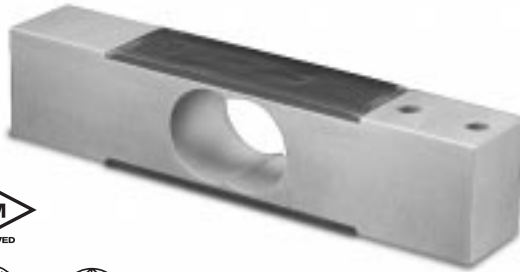
INTERCHANGEABLE PRODUCTS

Manufacturer	Model
Rice Lake Weighing Systems	(see page 149) RL1040
Rice Lake Weighing Systems	(see page 148) RL1042
Celtron	(see page 188) LOC
Revere Transducers	(see page 260) 642
Tedea-Huntleigh	(see page 316) 1040
Tedea-Huntleigh	(see page 315) 1042



PWS Single Point, Stainless Steel

NTEP 1:3000 Class III Single Cell, OIML C3



RATED CAPACITY	H	L	L1	L2	L3	T	W
kg/millimeters							
7-15	19.1	139.7	19.1	6.4	88.9	1/4-20	30.2
30-60	23.9	139.7	19.1	6.4	88.9	1/4-20	30.2
lb/inches							
15.4-33.1	.75	5.50	.75	.25	3.50	1/4-20	1.19
66.1-132.3	.94	5.50	.75	.25	3.50	1/4-20	1.19

SPECIFICATIONS

Full Scale Output:	2.0 mV/V
Bridge Resistance:	350 ohms
Material/Finish:	Stainless steel
Temperature:	Compensated range 14°F to 104°F/-10°C to 40°C
Safe Overload:	150% Full scale
Rated Excitation:	10V AC/DC (15V maximum)
Combined Error:	0.03% Full scale

Insulation Resistance:	1000 megohms
Seal Type:	Environmentally protected
Cable Length:	3.1m/10'
Cable Color Code:	Green ... + Excitation Black - Excitation White + Signal Red - Signal Yellow Shield
Warranty:	1 year

PWS ORDER INFORMATION

Load Rating	Part #	Suggested List Price
OIML*		
7 kg (15.4 lb)	40571	\$300.00
10 kg (22.0 lb)	40570	\$300.00
15 kg (33.1 lb)	40569	\$300.00
30 kg (66.1 lb)	40568	\$300.00
60 kg (132.3 lb)	40567	\$300.00

NTEP 1:3000

7 kg (15.4 lb)	36185	\$300.00
10 kg (22.0 lb)	36186	\$300.00
15 kg (33.1 lb)	36187	\$300.00
30 kg (66.1 lb)	36188	\$300.00
60 kg (132.3 lb)	36189	\$300.00

INTERCHANGEABLE PRODUCTS

Manufacturer	Model
Rice Lake Weighing Systems	(see page 151) RL1380