

S-Beams

UB1, Stainless Steel Page 196



The UB1 stainless steel S-beam is designed for single- or multiple-cell tension load applications. Millivolt/volt/ohm factory calibration assures matched outputs for easy calibration in multiple-cell applications. It features true hermetic sealing of both the strain gauge area and the cable entry, providing the ultimate in protection from outside elements. Exclusive 20' (6.1m) field-replaceable load cell cable simplifies cable and load cell repairs. Capacities from 1125 to 11,250 lb (1 kN to 50 kN/102.1 to 5102.9 kg).



UB6, Stainless Steel Page 197



The UB6 stainless steel S-beam is designed to meet the most stringent accuracy requirements. Exclusive 10' (3.1m) field-replaceable load cell cable simplifies cable and load cell repairs. Capacities from 225 to 1125 lb (1kN to 5kN/102.1 to 510.3 kg).



Single-Ended Beams

SLB, Stainless Steel Page 198



This stainless steel single-ended beam has one of the highest NTEP ratings in the industry. A new generation of potting makes this cell suitable for tough industrial environments. Capacities from 200 to 5000 lb (440.0 to 2268 kg). Complete with 10' (3.1m) of load cell cable.



SB4, Stainless Steel Page 199



The SB4 stainless steel single-ended beam is designed for multiple-cell applications such as floor scales and tank, bin and hopper weighing systems. It is used exclusively in Rice Lake Weighing Systems' Paramounts® HS mounting systems. Millivolt/volt/ohm factory calibration assures matched outputs for easy calibration. It features true hermetic sealing of both the strain gauge area and the cable entry, providing the ultimate in protection from outside elements. Exclusive field-replaceable load cell cable simplifies cable and load cell repairs. NTEP-certified capacities from 1125 to 22,500 lb (5 kN to 100 kN/510.3 to 10,205.8 kg).



SB5, Stainless Steel Page 200



The SB5 stainless steel single-ended beam is designed for multiple-cell applications such as floor scales and tank, bin and hopper weighing systems. It is used exclusively in Rice Lake Weighing Systems' Paramounts® EP mounting systems. Millivolt/volt/ohm factory calibration assures matched outputs for easy calibration. NTEP-certified capacities from 1125 to 11,250 lb (5 kN to 50 kN/510.3 to 5102.9 kg); Non-NTEP capacity of 22,500 lb (100 kN/ 10,202.5 kg).



Single-Ended Beams (Continued)

SB6, Stainless Steel Page 201



The SB6 load cell is a stainless steel, fully hermetically-sealed single-ended beam suitable for the harshest environments. The special loading hole provides an excellent price-to-performance ratio; it also allows a very low-profile design. Capacities from 20 to 200 kg (44.1 to 441.0 lb). Complete with 10' (3.1m) of load cell cable.



SB10, Stainless Steel Page 202



The SB10 load cell is used in the 1kN and 2.3kN Paramount assemblies. This stainless steel, hermetically-sealed load cell provides full IP68 sealing protection for the harshest environments. Ideal for use in multiple cell floor scale, tank and hopper applications. The unique millivolt/volt/ohm factory calibration assures matched outputs for easy field replacement and calibrations. The capacities of this model are 225 and 520 lb (1 and 2.5 kN). Each unit is supplied complete with 10' (3.1m) of load cell cable.



SB14, Stainless Steel Page 203



The SB14 load cell is a stainless steel, fully hermetically-sealed single-ended beam suitable for the harshest environments. Capacities from 1000 to 5000 kg (2205.0 to 11,025 lb). Complete with 10' (3.1m) load cell cable.



Compression Canisters

RC1, Stainless Steel Page 204



The RC1 load cell offers stainless steel and real hermetic sealing, making these cells suitable for use in tough industrial environments. Exclusive field-replaceable load cell cable simplifies cable and load cell repairs. Capacities of 56,000 and 90,000 lb (250 kN and 400 kN/25,401.6 and 40,824.0 kg). Each unit is supplied complete with 32' (9.8m)



Single Points

PCB Stainless Steel Featured Products Section Page7, Page 205

PC1, Stainless Steel Page 206



The PC1 load cells offer stainless steel and environmentally protected seal, making these cells suitable for use in tough industrial environments. Capacities from 15 to 200 kg (33.1 to 441.0 lb).



PC2, Stainless Steel Page 207



This high-accuracy stainless steel single-point load cell is an ideal replacement cell for hopper applications where damaged bellows are a problem. This cell also features complete hermetic sealing, making it suitable for use in the toughest environments. This product is offered at 150 lb (68.0 kg), and comes complete with 10' (3.1m) of load cell cable.



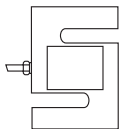
PC6, Stainless Steel Page 208



The PC6 load cells offer stainless steel and real hermetic sealing, making these cells suitable for use in tough industrial environments. Exclusive 1m (3.3') field-replaceable load cell cable simplifies cable and load cell repairs. Capacities from 20 to 100 kg (44.1 to 220.5 lb).

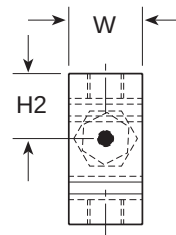
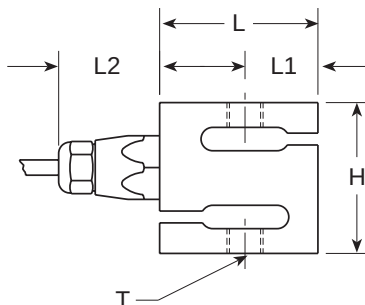


ZLB Aluminum Featured Products Section Page 5, Page 209



FLINTEC

UB1 S-Beam, Stainless Steel Hermetically Sealed IP68



RATED CAPACITY		H	H2	DIMENSIONS			T*	W
lb/inches				L	L1	L2		
225-1125	(1 kN-5 kN*)	2.42	1.04	2.42	1.05	1.60	1/2-20 UNF	1.18
2250-5200	(10 kN-23 kN*)	3.62	1.81	3.38	1.69	1.60	5/8-18 UNF	1.18
11,250	(50 kN*)	5.37	2.68	5.62	2.81	1.60	1-12 UNF	1.69
kg/millimeters								
102.1-510.3	(1 kN-5 kN*)	61.5	26.4	61.5	26.7	40.6	1/2-20 UNF	30.0
1020.6-2358.7	(10 kN-23 kN*)	92.0	46.0	85.9	42.9	40.6	5/8-18 UNF	30.0
5102.9	(50 kN*)	136.4	68.1	142.8	71.4	40.6	1-12 UNF	42.9

* Also available with metric threads

SPECIFICATIONS:

Full Scale Output:	2.0 mV/V **	Total Error:	±.03%
Bridge Resistance:	1000 ohms, nominal	Insulation Resistance:	10,000 megohms
Material/Finish:	Stainless steel	Seal Type:	Hermetically sealed, IP68
Temperature:	Compensated range 14°F to 104°F/-10°C to 40°C	Cable Length:	20'/6.1m
Safe Overload:	200% Full scale	Cable Color Code:	Green + Excitation Black - Excitation White + Signal Red - Signal Yellow Shield
Rated Excitation:	10V AC/DC (15V maximum)	Warranty:	1 year
Nonlinearity:	0 to -0.03% Full scale		
Hysteresis:	0 to +0.05% Full scale		

UB1 ORDER INFORMATION

Load Rating	Part #	Suggested List Price
1125 lb (5 kN*) (510.3 kg)	17072	\$495.00
2250 lb (10 kN*) (1020.6 kg)	17073	\$595.00
5200 lb (23 kN*) (2358.7 kg)	17074	\$595.00
11,250 lb(50 kN*) (5102.9 kg)	17075	\$795.00
Conduit Adapter	17703 (1/2-14 NPT)	\$18.00

WEIGH MODULE AVAILABLE

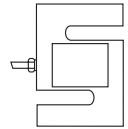
Model	Page #
ITCM - Isolated Tension Cell Mount	27-29, or 335
(225 lb, 520 lb, 1125 lb and 11,250 lb capacities only)	

* kN = Kilonewtons, 1 kN = 224.8089 lb

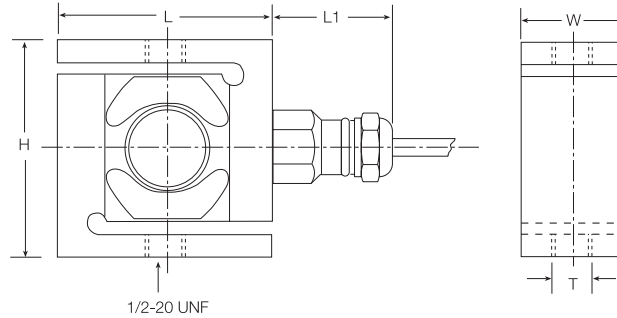
** Matched outputs via mV/V/ohm calibration

See page 347 for information on Cable Replacement Kits.

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



UB6 S-Beam, Stainless Steel Hermetically Sealed IP68, OIML C3



RATED CAPACITY	H	L	DIMENSIONS L1	W	T
lb/inches 225-1125 (1 kN-5 kN*)	2.42	2.42	1.61	1.20	1/2-20 UNF
kg/millimeters 102.1-510.3 (1 kN-5 kN*)	61.5	61.5	41.0	30.0	1/2-20 UNF

* Also available with metric threads

SPECIFICATIONS:

Full Scale Output:	2.0 mV/V **	Insulation Resistance:	5,000 megohms
Bridge Resistance:	1000 ohms, nominal	Seal Type:	Hermetically sealed, IP68
Material/Finish:	Stainless steel	Cable Length:	10'/3m
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:	200% Full scale	Warranty:	1 year
Rated Excitation:	5V AC/DC (15V maximum)		
Combined Error:	0.02% Full scale		

UB6 ORDER INFORMATION			
Load Rating	Part #	Suggested List Price	
225 lb (1 kN*) (102.1 kg)	36214	\$495.00	
450 lb (2kN*) (204.1 kg)	36215	\$495.00	
1125 lb (5 kN*) (510.3 kg)	36216	\$495.00	

WEIGH MODULE AVAILABLE	
Model	Page #
ITCM - Isolated Tension Cell Mount	27-29, or 335
(225 lb, 520 lb, 1125 lb and lb capacities only)	

* kN = Kilonewtons, 1 kN = 224.8089 lb



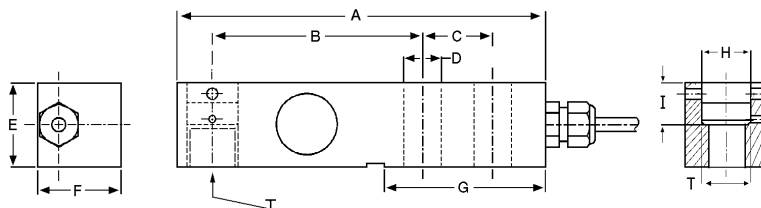
FLINTEC

SLB Single-Ended Beam, Stainless Steel

NTEP, 1:4000 Class III Single Cell/1:7500 Class III Multiple Cell



APPROVED



RATED CAPACITY

kg/millimeters
91-2268

A	B	C	D	E	F	G	H	I	T
136.4	76.2	25.4	13.5	30.1	30.0	61.5	13.5	15.0	1/2-20 UNF

lb/inches
200-5000

5.25	3.00	1.00	.53	1.19	1.18	2.30	.53	.59	1/2-20 UNF
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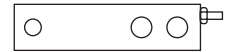
SPECIFICATIONS:

Full Scale Output: 2.0 mV/V
Bridge Resistance: 1000 ohms, nominal
Material/Finish: Stainless steel
Temperature: Compensated range
14°F to 104°F/-10°C to 40°C
Safe Overload: 200% Full scale
Rated Excitation: 10V DC (15V maximum)
Insulation Resistance: 5000 megohms
Combined Error: 0.01% Full scale

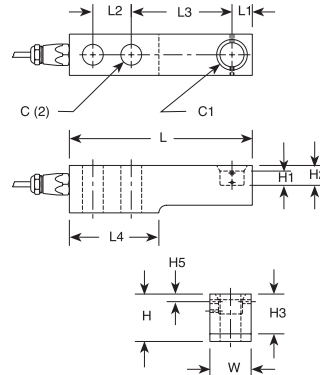
Seal Type: Environmentally protected
Cable Length: 3m/10'
Cable Color Code: Green + Excitation
Black - Excitation
White + Signal
Red - Signal
Yellow Shield
Warranty: 1 year

SLB ORDER INFORMATION

Load Rating	Part #	Suggested List Price
200 lb (440.9 kg)	64691	\$295.00
500 lb (226.8 kg)	41172	\$295.00
1000 lb (453.6 kg)	41173	\$295.00
2500 lb (1134 kg)	41174	\$295.00
5000 lb (2268 kg)	41175	\$295.00



SB4 Single-Ended Beam, Stainless Steel Hermetically Sealed IP68, NTEP 1:3000 Class III Single Cell



1125 lb-22,500 lb
(5 kN-100 kN*)

RATED CAPACITY		C	C1	H	H1	H2	DIMENSIONS		H3	H5	L	L1	L2	L3	L4	W
lb/inches																
1125-5200	(5-23 kN*)	.53	.71	1.42	.39	.59	1.19	.16	6.10	.59	1.38	3.15	2.98	1.18		
11,250	(50 kN*)	.85	.98	1.93	.58	.81	1.62	.31	7.48	.83	1.57	4.13	3.66	1.69		
22,500	(100 kN*)	1.06	1.18	2.87	.82	1.21	2.43	—	9.65	1.19	1.97	5.31	4.72	2.36		
kg/millimeters																
102.1-235.9	(1-2.3 kN*)	—	8.6	30.0	—	14.2	4.8	3.1	129.8	9.7	18.0	82.0	50.8	30.0		
510.3-2358.7	(5-23 kN*)	13.5	18.0	36.1	9.9	15.0	30.2	4.1	154.9	15.0	35.1	80.0	75.7	30.0		
5102.9	(50 kN*)	21.6	24.9	49.0	14.7	20.6	41.2	7.9	190.0	21.1	39.9	104.9	93.0	42.9		
10,205.8	(100 kN*)	26.9	30.0	72.9	20.8	30.7	61.7	—	245.1	30.2	50.0	134.9	119.9	59.9		

SPECIFICATIONS:

Full Scale Output:	2.0 mV/V $\pm$.07%**
Bridge Resistance:	1000 ohms, nominal
Material/Finish:	Stainless steel
Temperature:	Compensated range 14°F to 104°F/-10°C to 40°C
Safe Overload:	200% Full scale
Rated Excitation:	10V AC/DC (15V maximum)
Nonlinearity:	0 to -0.03% Full scale
Hysteresis:	0 to +0.05% Full scale
Combined Effect of Nonlinearity and Hysteresis:	$\pm$.03% Full scale

Insulation Resistance:	10,000 megohms
Deflection at Capacity:	2250 lb = .012"/.3mm, 5200 lb = .02"/.5mm, 11,250 lb = .012"/.3mm, 22,500 lb = .016"/.4mm
Seal Type:	Hermetically sealed, IP68
Cable Length:	225-5200 lb = 10'/3.1m 11,250- 22,500 lb = 15'/4.6m
Cable Color Code:	Green + Excitation Black - Excitation White + Signal Red - Signal Yellow Shield
Warranty:	1 year

SB4 ORDER INFORMATION

Load Rating	Part #	Suggested List Price
NTEP 1:3000:		
1125 lb (5 kN*/510.3 kg)	26662	\$755.00
2250 lb (10 kN*/1020.6 kg)	26663	\$755.00
5200 lb (23 kN*/2358.7 kg)	26664	\$755.00
11,250 lb (50 kN*/5102.9 kg)	26665	\$895.00

Non-NTEP:		
1125 lb (5 kN*/510.3 kg)	17390	\$685.00
2250 lb (10 kN*/1020.6 kg)	17391	\$685.00
5200 lb (23 kN*/2358.7 kg)	17392	\$685.00
11,250 lb (50 kN*/5102.9 kg)	17393	\$765.00
22,500 lb (100 kN*/10,205.8 kg) ...	17394	\$1,095.00

Conduit Adapter 17703 (1/2-14 NPT) \$18.00

See page 337 for information on Cable Replacement Kits.

* kN = Kilonewtons, 1 kN = 224.8089 lb

**Matched outputs via mV/V ohm calibration

WEIGH MODULE AVAILABLE

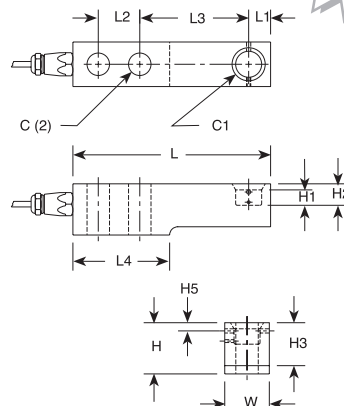
Model	Page #
Paramounts® HS	36



FLINTEC

SB5 Single-Ended Beam, Stainless Steel NTEP 1:5000 Class III Single Cell

**MORE
OPTIONS
AVAILABLE**



RATED CAPACITY

lb/inches

		C	C1	H	H1	H2	H3	H5	L	L1	L2	L3	L4	W
1125-4500	(5-20 kN*)	.53	.71	1.42	.39	.59	1.19	.16	6.10	.59	1.38	3.15	2.98	1.18
11,250	(50 kN*)	.85	.98	1.93	.58	.81	1.62	.31	7.48	.83	1.57	4.13	3.66	1.69
22,500	(100 kN*)	1.06	1.18	2.87	.82	1.21	2.43	—	9.65	1.19	1.97	5.31	4.72	2.36

kg/millimeters

510.3-2041.2	(5-20 kN*)	13.5	18.0	36.1	9.9	15.0	30.2	4.1	154.9	15.0	35.1	80.0	75.7	30.0
5102.9	(50 kN*)	21.6	24.9	49.0	14.7	20.6	41.2	7.9	190.0	21.1	39.9	104.9	93.0	42.9
10,205.8	(100 kN*)	26.9	30.0	72.9	20.8	30.7	61.7	—	245.1	30.2	50.0	134.9	119.9	59.9

SPECIFICATIONS:

Full Scale Output:	2.0 mV/V $\pm$.07%**
Bridge Resistance:	1000 ohms, nominal
Material/Finish:	Stainless steel
Temperature:	Compensated range 14°F to 104°F/-10°C to 40°C
Safe Overload:	200% Full scale
Rated Excitation:	10V AC/DC (15V maximum)
Nonlinearity:	0 to -0.03% Full scale
Hysteresis:	0 to +0.05% Full scale
Combined Effect of Nonlinearity and Hysteresis:	$\pm$.03% Full scale

Insulation Resistance:	10,000 megohms
Deflection at Capacity:	1125 lb = .008"/.2mm, 2250 lb = .012"/.3mm, 4500 lb = .02"/.5mm, 11,250 lb = .012"/.3mm
Seal Type:	Environmentally protected
Cable Length:	1125-4500 lb = 10'/3.1m 11,250- 22,500 lb = 15'/4.6m
Cable Color Code:	Green + Excitation Black - Excitation White + Signal Red - Signal Yellow Shield
Warranty:	1 year

SB5 ORDER INFORMATION

Load Rating	Part #	Suggested List Price
NTEP 1:5000		
1125 lb (5 kN*/510.3 kg)	33387	\$395.00
2250 lb (10 kN*/1020.6 kg) ...	33388	\$395.00
4500 lb (20 kN*/2041.2 kg) ...	33389	\$395.00
11,250 lb (50 kN*/5102.9 kg) ...	33390	\$525.00
Non-NTEP:		
22,500 lb (100 kN*/10,205.8 kg) ..	33391	\$795.00

SB5 - T:***

1125 lb (SB5-5 kN*-T)	50629	\$395.00
2250 lb (SB5-10 kN*-T)	50628	\$395.00
4500 lb (SB5-20 kN*-T)	50627	\$395.00

* kN = Kilonewtons, 1 kN = 224.8089 lb

** Matched outputs via mV/V ohm calibration

*** T versions have a threaded load hole

WEIGH MODULE AVAILABLE

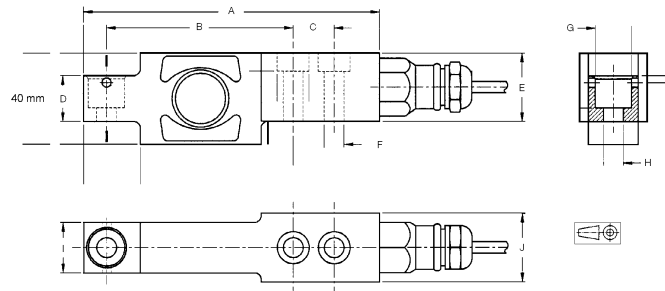
Model	Page #
Paramounts® EP	34

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



SB6 Single-Ended Beam, Stainless Steel

Hermetically Sealed IP68, OIML C3



RATED CAPACITY	A	B	C	D	E	F	G	H	I	J
kg/millimeters										
20-200	130.0	82.0	18.0	20.0	30.0	8.7	16.0	8.7	22.0	30.0
lb/inches										
44.1-441.0	5.12	3.23	.71	.79	1.18	.34	.63	.34	.87	1.18

SPECIFICATIONS:

Full Scale Output:	2.0 mV/V	Insulation Resistance:	5000 megohms
Bridge Resistance:	1000 ohms, nominal	Seal Type:	Hermetically sealed, IP68
Material/Finish:	Stainless steel	Cable Length:	3m/10'
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:	200% Full scale	Warranty:	1 year
Rated Excitation:	5V AC/DC (15V maximum)		
Combined Error:	0.01% Full scale		

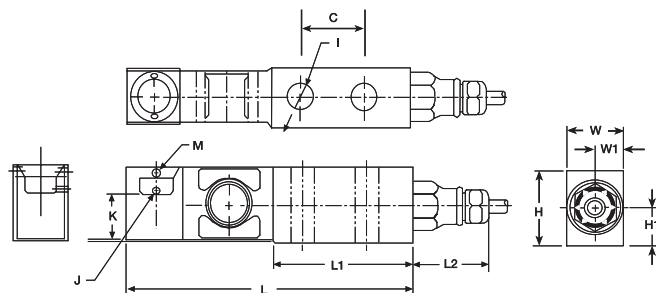
SB6 ORDER INFORMATION

Load Rating	Part #	Suggested List Price
20 kg (44.1 lb)	41163	\$410.00
50 kg (110.2 lb)	41164	\$410.00
100 kg (220.5 lb)	41165	\$410.00
200 kg (440.9 lb)	41166	\$410.00



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SB10 Single-Ended Beam, Stainless Steel Hermetically Sealed IP68



RATED CAPACITY	DIMENSIONS											
	L	L1	L2	H	H1	W	W1	I	J	K	M	C
kg/millimeters												
102.1-235.9	155.0	75.7	40.6	40.1	20.6	15.0	30.0	0.520±.005	2.8	25.1	4.1	35.0
lb/inches												
225-520	6.10	2.98	1.60	1.58	.81	.59	1.18	0.520±.005	.11	.99	.16	1.387

SPECIFICATIONS:

Full Scale Output: 2.0 mV/V
Bridge Resistance: 1000 ohms, nominal
Material/Finish: Stainless steel
Temperature: Compensated range
14°F to 104°F/-10°C to 40°C
Safe Overload: 200% Full scale
Rated Excitation: 10V AC/DC (15V maximum)
Nonlinearity: 0 to -0.03% Full Scale
Hysteresis: 0 to +0.05% Full Scale
Combined Effect of
Nonlinearity and
Hysteresis: ± .03% Full Scale

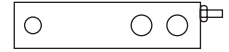
Insulation Resistance: 10,000 megohms
Deflection at Capacity: 225 lb .006"/.15mm
520 lb .008"/.15mm
Seal Type: Hermetically sealed, IP68
Cable Length: 10'/3.1m
Cable Color Code: Green + Excitation
Black - Excitation
White + Signal
Red - Signal
Yellow Shield
Warranty: 1 year

SB10 ORDER INFORMATION

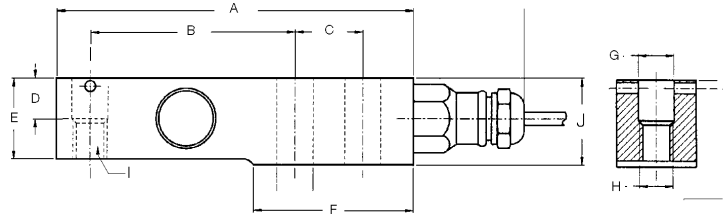
Load Rating	Part #	Suggested List Price
225 lb (1 kN/102.1 kg)	38214	\$680.00
520 lb (2.3 kN/235.9 kg)	38215	\$680.00
Conduit Adapter	17703 (1/2-14 NPT)	\$18.00

WEIGH MODULE AVAILABLE

Model	Page #
Paramounts® HS	36



SB14 Single-Ended Beam, Stainless Steel Hermetically Sealed IP68, NTEP 1:5000 Class III Multiple Cell



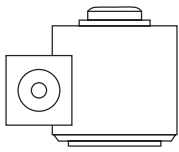
RATED CAPACITY	DIMENSIONS									
	A	B	C	D	E	F	G	H	I	J
kg/millimeters										
226.8-453.6	133.4	76.2	25.4	15.2	29.5	60.0	18.0	30.0	1/2-20 UNF	31.0
1134.0	133.4	76.2	25.4	15.2	30.7	60.0	18.0	30.0	1/2-20 UNF	31.0
2268.0	133.4	76.2	25.4	15.2	30.9	60.0	18.0	30.0	1/2-20 UNF	31.0
lb/inches										
500-1000	5.25	3.00	1.00	.60	1.16	2.36	.71	1.18	1/2-20 UNF	1.22
2500	5.25	3.00	1.00	.60	1.21	2.36	.71	1.18	1/2-20 UNF	1.22
5000	5.25	3.00	1.00	.60	1.22	2.36	.71	1.18	1/2-20 UNF	1.22

SPECIFICATIONS:

Full Scale Output:	2.0 mV/V	Seal Type:	Hermetically sealed, IP68
Bridge Resistance:	1000 ohms, nominal	Cable Length:	3m/10'
Material/Finish:	Stainless steel	Cable Color Code:	Green + Excitation Black - Excitation White + Signal Red - Signal Yellow Shield
Temperature:	Compensated range 14°F to 104°F/-10°C to 40°C	Warranty:	1 year
Safe Overload:	200% Full scale		
Rated Excitation:	5V AC (15V maximum)		
Insulation Resistance:	5000 megohms		
Combined Effect of Nonlinearity & Hysteresis:	± 0.03% Full scale		

SB14 ORDER INFORMATION

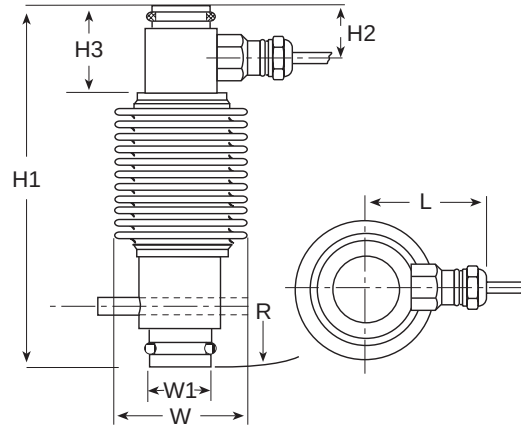
Load Rating	Part #	Suggested List Price
500 lb (453.6 kg)	41167	\$445.00
1000 lb (453.6 kg)	41168	\$445.00
2500 lb (1134 kg)	41169	\$445.00
5000 lb (2268 kg)	41170	\$445.00



FLINTEC

RC1 Rocker Column, Stainless Steel

Hermetically Sealed IP68, NTEP 1:10,000, OIML C3



RATED CAPACITY	DIMENSIONS						
	H1	H2	H3	L	R	W	W1
lb/inches							
56,000	7.56	1.22	2.01	2.44	10.98	2.83	1.46
90,000	8.86	1.34	2.24	2.72	14.02	3.35	2.52
kg/millimeters							
25,401.6	192.0	31.0	51.0	62.0	279.0	72.0	50.0
40,824.0	225.0	34.0	57.0	69.0	356.0	85.0	64.0

SPECIFICATIONS:

Full Scale Output:	2.0 mV/V	Insulation Resistance:	5000 megohms
Bridge Resistance:	350 ohms, nominal	Seal Type:	Hermetically sealed, IP68
Material/Finish:	Stainless steel	Cable Length:	56,000 lb 32.8'/10m, 90,000 lb 59.1'/18m
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:	200% Full scale	Warranty:	1 year
Rated Excitation:	5V AC/DC (15V maximum)		
Combined Error:	0.02% Full scale		

RC1 ORDER INFORMATION

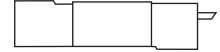
Load Rating	Part #	Suggested List Price
56,000 lb (250 kN*) (25,401.6 kg).....	36217	\$750.00
90,000 lb (400kN*) (40,824.0 kg).....	36218	\$995.00

Conduit Adapter 17703 (1/2-14 NPT) \$18.00

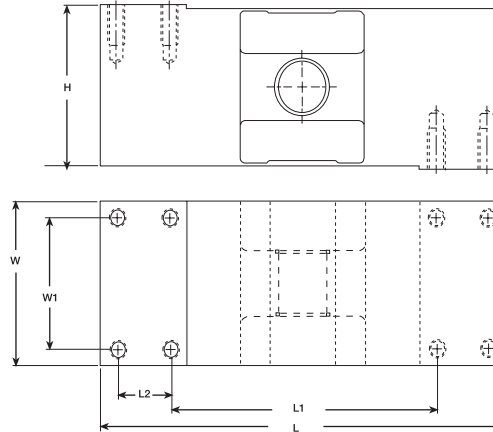
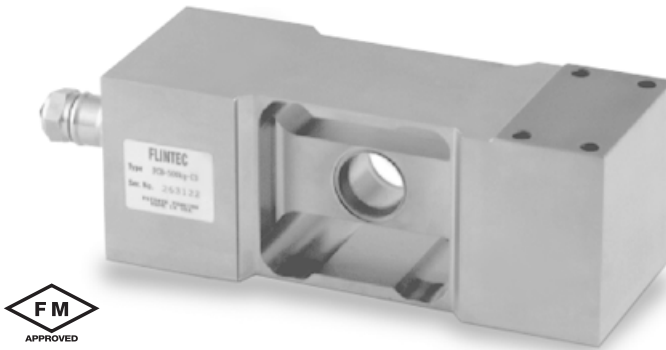
* kN = Kilonewtons, 1 kN = 224.8089 lb

WEIGH MODULE AVAILABLE

Model	Page #
Rocker Column Truck Scale Kit	68



PCB Single-Point, Stainless Steel (IP 68 Rated) Hermetically Sealed



RATED CAPACITY	DIMENSIONS					
	L	L1	L2	W	W1	H
kg/millimeters						
50-1000	190.5	124.8	24.9	74.9	59.9	74.9
lb/inches						
110.3-2205	7.50	4.92	.98	2.95	2.36	2.95

SPECIFICATIONS:

Full Scale Output:	2.0 mV/V
Bridge Resistance:	1000 ohms, nominal
Material/Finish:	Stainless steel
Temperature:	Compensated range 14°F to 104°F/-10°C to 40°C
Safe Overload:	200% Full scale
Rated Excitation:	10V AC/DC (20V maximum)
Total Error:	0.02% Full scale
Insulation Resistance:	5000 megohms

Deflection at Capacity:	50-1000 kg ≤ .4mm/.015"
Seal Type:	Hermetically sealed
Cable Length:	10'/3.1m
Cable Color Code:	Green + Excitation Black - Excitation White + Signal Red - Signal Yellow Shield
Platform Size:	24" x 24"
Warranty:	1 year

PCB ORDER INFORMATION

Load Rating	Part #	Suggested List Price
50 kg (110.3 lb)	45274	\$995.00
100 kg (220.5 lb)	45275	\$995.00
250 kg (551.3 lb)	45276	\$995.00
500 kg (1,102.5 lb)	45277	\$995.00
1000 kg (2,205 lb)	45278	\$995.00
Conduit Adapter	17703 (1/2-14 NPT)	\$18.00

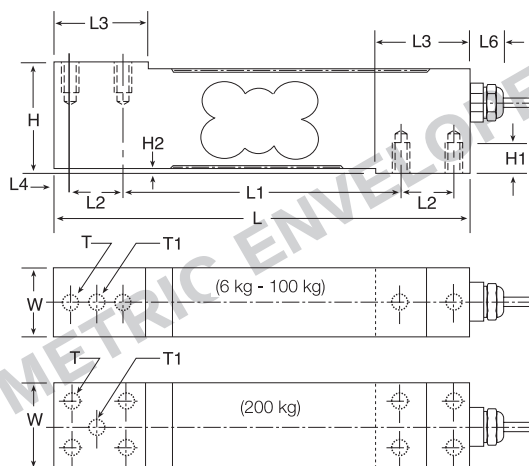
INTERCHANGEABLE PRODUCTS

Manufacturer	Model
Rice Lake Weighing Systems	(see page 154) RL1250
Revere Transducers	(see page 261) 652
Tedea Huntleigh	(see page 322) 1250
Celtron	(see page 188) LOC



FLINTEC

PC1 Single-Point, Stainless Steel NTEP 1:3000 Class III Single Cell



RATED CAPACITY	DIMENSIONS													
	H	H1	H2	L	L1	L2	L3	L4	L5	L6	W	T	T1	
kg/millimeters														
15-100	40.0	10.0	1.5	150.0	100.0	19.0	32.0	6.0	15.5	20.0	25.4	4 X M6/10DP	M6/10DP/Drill Through	
200	40.0	10.0	1.5	150.0	100.0	19.0	32.0	6.0	15.5	20.0	38.1	8 X M6/10DP	M6/10DP/Drill Through	
lb/inches														
33.1-220.5	1.57	.40	.06	5.90	3.93	.75	1.26	.24	.61	.79	1.00	4 X M6/10DP	M6/10DP/Drill Through	
441.0	1.57	.40	.06	5.90	3.93	.75	1.26	.24	.61	.79	1.50	8 X M6/10DP	M6/10DP/Drill Through	

SPECIFICATIONS:

Full Scale Output:	2.0 mV/V
Bridge Resistance:	350 ohms, nominal
Material/Finish:	Stainless steel
Temperature:	Compensated range 14°F to 104°F/-10°C to 40°C
Safe Overload:	200% Full scale
Rated Excitation:	5V AC/DC (15V maximum)
Combined Error:	0.02% Full scale

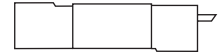
Insulation Resistance:	5000 megohms
Seal Type:	Environmentally protected
Cable Length:	1m/3.3'
Cable Color Code:	Green + Excitation Black - Excitation White + Signal Red - Signal Yellow Shield
Platform Size:	18" x 18"
Warranty:	1 year

PC1 ORDER INFORMATION

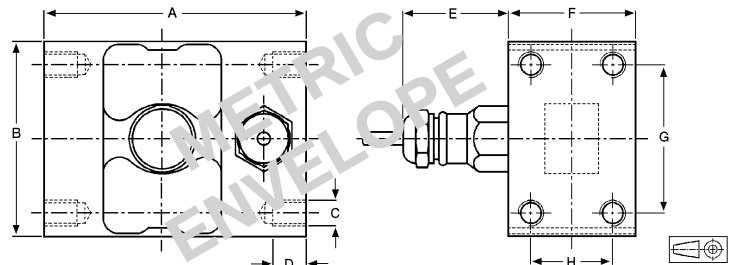
Load Rating	Part #	Suggested List Price
6 kg (13.2 lb)	41820	\$300.00
10 kg (22.0 lb)	41821	\$300.00
15 kg (33.1 lb)	36219	\$300.00
30 kg (66.1 lb)	36220	\$300.00
50 kg (110.2 lb)	36221	\$300.00
75 kg (165.4 lb)	36222	\$300.00
100 kg (220.5 lb)	36223	\$300.00
200 kg (441.0 lb)	36224	\$445.00

INTERCHANGEABLE PRODUCTS

Manufacturer	Model
Rice Lake	(see page 150) RL1140
Tedea	(see page 318) 1140



PC2 Single-Point, Stainless Steel Hermetically Sealed IP68



Flintec



RATED CAPACITY	DIMENSIONS							
	A	B	C	D	E	F	G	H
kg/millimeters								
150	101.6	75.0	M10	13.0	41.0	49.5	57.2	31.8
lb/inches								
330.8	4.00	2.95	M10	.51	1.61	1.95	2.25	1.25

SPECIFICATIONS:

Full Scale Output:	2.0 mV/V	Insulation Resistance:	5000 megohms
Bridge Resistance:	1,000 ohms, nominal	Seal Type:	Hermetically sealed, IP68
Material/Finish:	Stainless steel	Cable Length:	3m/10'
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:	200% Full scale	Warranty:	1 year
Rated Excitation:	5V AC/DC (15V maximum)		
Combined Error:	0.02% Full scale		

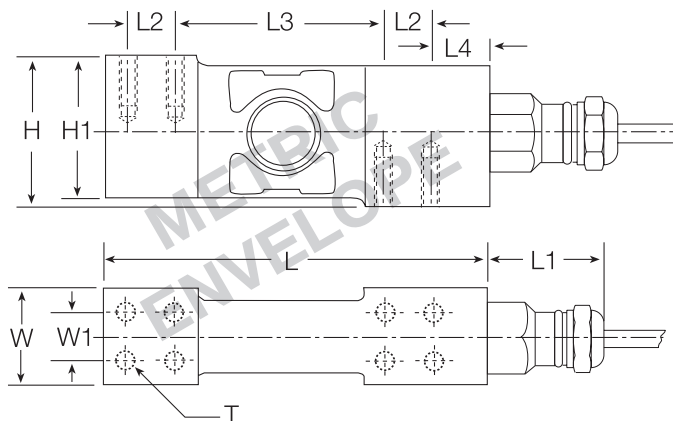
PC2 ORDER INFORMATION

Load Rating	Part #	Suggested List Price
150 kg (330.7 lb)	41176	\$1,010.00



FLINTEC

PC6 Single-Point, Stainless Steel Hermetically Sealed IP68



RATED CAPACITY	DIMENSIONS									
	H	H1	L	L1	L2	L3	L4	W	W1	T
kg/millimeters 30-200	48.0	45.5	123.0	41.0	15.2	67.6	17.8	30.1	15.2	8 X M6/15DP
lb/inches 66.1-441.0	1.89	1.80	4.84	1.61	.60	2.66	.70	1.18	.60	8 X M6/15DP

SPECIFICATIONS:

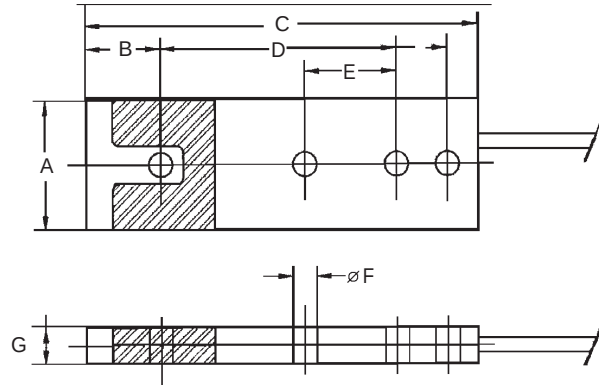
Full Scale Output:	2.0 mV/V	Insulation Resistance:	5000 megohms
Bridge Resistance:	1000 ohms, nominal	Seal Type:	Hermetically sealed, IP68
Material/Finish:	Stainless steel	Cable Length:	1m/3.3'
Temperature:	Compensated range 14°F to 104°F/-10°C to 40°C	Cable Color Code:	Green + Excitation Black - Excitation White + Signal Red - Signal Yellow Shield
Safe Overload:	200% Full scale	Platform Size:	24" x 24"
Rated Excitation:	5V AC/DC (15V maximum)	Warranty:	1 year
Combined Error:	0.02% Full scale		

PC6 ORDER INFORMATION

Load Rating	Part #	Suggested List Price
20 kg (44.1 lb)	36225	\$650.00
50 kg (110.2 lb)	36226	\$650.00
100 kg (220.5 lb)	36227	\$650.00
200 kg (441.0 lb)	36228	\$650.00



ZLB Single-Point, Aluminum



RATED CAPACITY	DIMENSIONS						
	A	B	C	D	E	F	G
kg/millimeters							
20	44.5	26.2	136.8	82.0	18.0	8.2	9.5
50	44.5	26.2	136.8	82.0	18.0	8.2	12.7
100	44.5	26.2	136.8	82.0	18.0	8.2	12.7
200	44.5	26.2	136.8	82.0	18.0	8.2	15.9
500	44.5	26.2	136.8	82.0	18.0	8.2	15.9
lb/inches							
44.1	1.75	1.03	5.39	3.23	0.70	0.32	.37
110.2	1.75	1.03	5.39	3.23	0.70	0.32	.50
220.5	1.75	1.03	5.39	3.23	0.70	0.32	.50
440.9	1.75	1.03	5.39	3.23	0.70	0.32	.63
1102.3	1.75	1.03	5.39	3.23	0.70	0.32	.63

SPECIFICATIONS:

Full Scale Output:	2.0 mV/V	Insulation Resistance:	5000 megohms
Bridge Resistance:	1000 ohms, nominal	Seal Type:	Potted, IP67
Material/Finish:	Anodized aluminum	Cable Length:	3m
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:	200% Full scale	Warranty:	1 year
Rated Excitation:	5V AC/DC (15V maximum)		
Combined Error:	0.02% Full scale		

ZLB ORDER INFORMATION

Load Rating	Part #	Suggested List Price
20 kg (44.1 lb)	53291	\$140.00
50 kg (110.2 lb)	53290	\$140.00
100 kg (220.5 lb)	53289	\$140.00
200 kg (441.0 lb)	53292	\$140.00