

Lebow[®] Products Inc.

S-Beam

GENERAL PURPOSE LOAD CELL



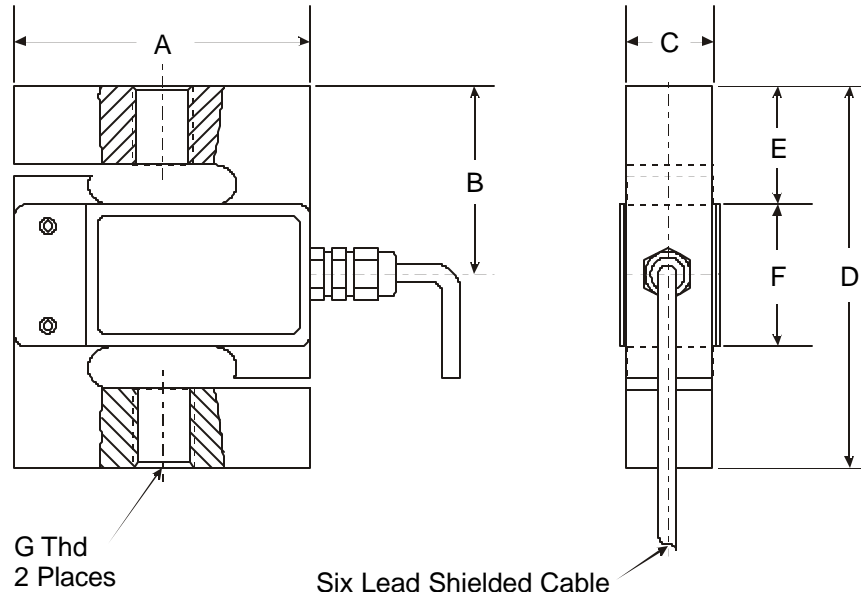
The S-Beam series is designed for tension and compression weight/force measurement. It features the proven bending beam construction and integral loading threads. These combined features form an extremely rugged, compact axial force transducer. Where good performance and low price are requirements, the S-Beam series is an excellent choice.

Performance Specification	3135	3136	3137	
Rated Output	2.0	2.0	2.0	$\pm 10\%$ mV/V
Total Error	$\pm 0.050\%$	$\pm 0.050\%$	$\pm 0.075\%$	<i>of applied load</i>
Zero Return after 30 minutes	$\pm 0.050\%$	$\pm 0.050\%$	$\pm 0.065\%$	<i>of applied load</i>
Temperature Effect: On Output	$\pm 0.0017\%$	$\pm 0.0017\%$	$\pm 0.0039\%$	<i>of applied load/°F</i>
Temperature Effect: On Zero	$\pm 0.004\%$	$\pm 0.006\%$	$\pm 0.0083\%$	<i>of applied load/°F</i>
Zero Balance	$\pm 5\%$	$\pm 10\%$	$\pm 5\%$	<i>of rated output</i>
Temperature Range: Operating	-22 to +158°F	-22 to +158°F	-22 to +176°F	
Temperature Range: Compensated	+14 to +122°F	+14 to +113°F	+14 to +104°F	
Safe Overload	150%	150%	150%	<i>of Rated Capacity</i>
Ultimate Overload	300%	300%	300%	<i>of Rated Capacity</i>
Excitation: Recommended	10	10	10	<i>Volts AC or DC</i>
Excitation: Maximum	15	15	15	<i>Volts AC or DC</i>
Input Impedance	415	385	400	± 15 Ohms
Output Impedance	350	350	350	± 3 Ohms
Insulation Impedance	>1000	>2000	>1000	<i>Megaohms</i>
Deflection at Rated Capacity	<0.016	<0.016	<0.016	<i>Inches</i>
Environmental Protection	IP65	IP66	IP68	

Lebow[®] Products Inc.

S-Beam

GENERAL PURPOSE LOAD CELL



MODEL NUMBER	CAPACITY Kg	A	B	C	D	E	F	G Thd
3135-50Kg	50	2.44 (62.1)	1.57 (40.0)	0.71 (18.0)	3.15 (80.0)	0.99 (25.1)	1.17 (29.8)	1/2-20 UNF 3B
3135-100Kg	100	2.44 (62.1)	1.57 (40.0)	0.71 (18.0)	3.15 (80.0)	0.99 (25.1)	1.17 (29.8)	1/2-20 UNF 3B
3136-150Kg	150	2.44 (62.1)	1.57 (40.0)	0.71 (18.0)	3.15 (80.0)	0.99 (25.1)	1.17 (29.8)	1/2-20 UNF 3B
3136-200Kg	200	2.44 (62.1)	1.57 (40.0)	0.71 (18.0)	3.15 (80.0)	0.99 (25.1)	1.17 (29.8)	1/2-20 UNF 3B
3136-300Kg	300	2.44 (62.1)	1.57 (40.0)	0.71 (18.0)	3.15 (80.0)	0.99 (25.1)	1.17 (29.8)	1/2-20 UNF 3B
3136-500Kg	500	2.44 (62.1)	1.57 (40.0)	0.71 (18.0)	3.15 (80.0)	0.99 (25.1)	1.17 (29.8)	1/2-20 UNF 3B
3136-750 Kg	750	2.44 (62.1)	1.57 (40.0)	0.71 (18.0)	3.15 (80.0)	0.99 (25.1)	1.17 (29.8)	1/2-20 UNF 3B
3136-1000Kg	1,000	2.44 (62.1)	1.57 (40.0)	0.71 (18.0)	3.15 (80.0)	0.99 (25.1)	1.17 (29.8)	1/2-20 UNF 3B
3137-2000Kg	2,000	2.76 (70.0)	1.77 (45.0)	1.26 (32.0)	3.54 (90.0)	NA	NA	5/8-18 UNF 3B
3137-5000Kg	5,000	3.94 (100.0)	2.36 (60.0)	1.77 (45.0)	4.72 (120.0)	NA	NA	1-12 UNF 3B

Dimensions are in inches (mm)

Lebow[®] Products Inc.

INTERTECHNOLOGY
INC.
1-800-465-1600

1 Scarsdale Road, Don Mills, ON M3B 2R2
Tel: 416-445-5500, Fax: 416-445-1170
E-Mail: sales@intertechnology.ca