

Model A441

Single Ended Beam Load Cell



FEATURES

- **Rated Capacities (lb):**
1000, 2000, 4500, 5500, 10,000, 15,000, 20,000
- **Rated Capacities (kg):**
500, 1000, 2000, 2500, 5000, 7500, 10000
- Alloy Steel
- Welded Seal Construction IP67
- Single Ended Beam Type

APPLICATIONS

- Suitable for Industrial Platform Scales, Tank Bin and Hopper Weighing.

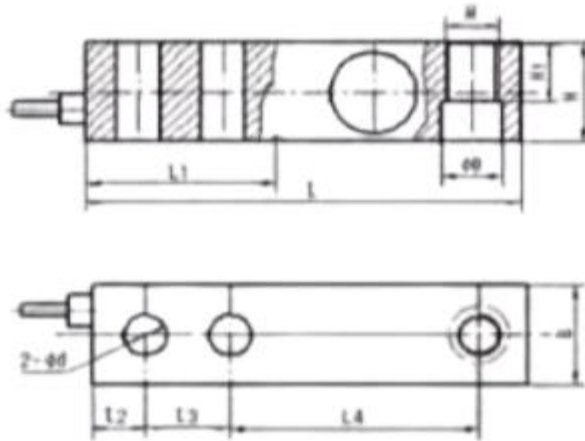
TECHNICAL DATA

Rated Capacities (lb):	1000, 2000, 4500, 5500, 10,000, 15,000, 20,000
Rated Capacities (kg):	500, 1000, 2000, 2500, 5000, 7500, 10000
Rated Output	2 or 3.00 mV/V
Combined Error	± 0.05 % FS
Non-linearity	± 0.02 % FS
Hysteresis	± 0.02 % FS
Non-Repeatability	± 0.03 % FS
Creep (30minutes)	± 0.03 % FS
Zero Balance	± 1.00 % FS
Temperature effect on zero	± 0.05 % FS/10°C
Temperature effect on output	± 0.05 % FS/10°C
Input Resistance Ω	410 Ω ± 10 Ω
Output Resistance Ω	352 Ω ± 3 Ω
Insulation Resistance Ω	≥5000M Ω
Excitation Voltage	18V(DC/AC)
Compensated Temperature Range	-10°C ~+ 40 °C
Operating Temperature Range	-20~+ 60 °C
Safe Overload	120% FS

The technical data given here serve only as a product description and must not be interpreted as guaranteed characteristics in the legal sense.

Model A441

OUTLINE DIMENSIONS:



DIMENSIONS

Capacity	L	H	B	L1	L2	L3	L4	H1	D	d	Thread M
Lb/Inches											
1000-4000	5.11	1.25	1.25	2.13	0.62	1.01	3.00	0.62	0.53	0.53	M04 x0.05
5000-10000	6.07	1.49	1.49	3.03	0.74	1.49	3.74	0.74	0.77	0.77	M07 x0.05
10000-20000	6.07	1.49	1.49	3.03	0.74	1.49	3.74	0.74	0.77	0.77	M07 x0.05
Ton/mm											
0,5-2 T	130	31.8	31.8	54.2	15.8	25.4	76.2	15.8	13.5	13.5	M12, x1.75
2.5 – 5T	171	38.1	38.1	77.2	19.1	38.1	95.3	18.8	19.8	19.8	M18, x1.5
5-10T	171	38.1	38.1	77.2	19.1	38.1	95.3	18.8	19.8	19.8	M18, x1.5

WIRING

Function	Colors
+ Input	Red
- Output	White
+ Output	Green
- Input	Black

Correct Mounting of Load Cells Is Essential To Ensure Optimum Performance.

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Max Technologies reserves the right make changes to the technology, features, specification and design of the equipment without notice.