

Model D 460

Single Ended Beam Load Cell



FEATURES

- **Rated Capacities (lb):**
20-450, 750-2000
- **Rated Capacities (kg):**
10-200, 300-1000
- Stainless Steel
- Welded Seal Construction, IP68

APPLICATIONS

- Suitable for Electronic Belt Scales, Low Capacities Platform Scales, Packing Machines, Hybrid Scales and Process Weighing

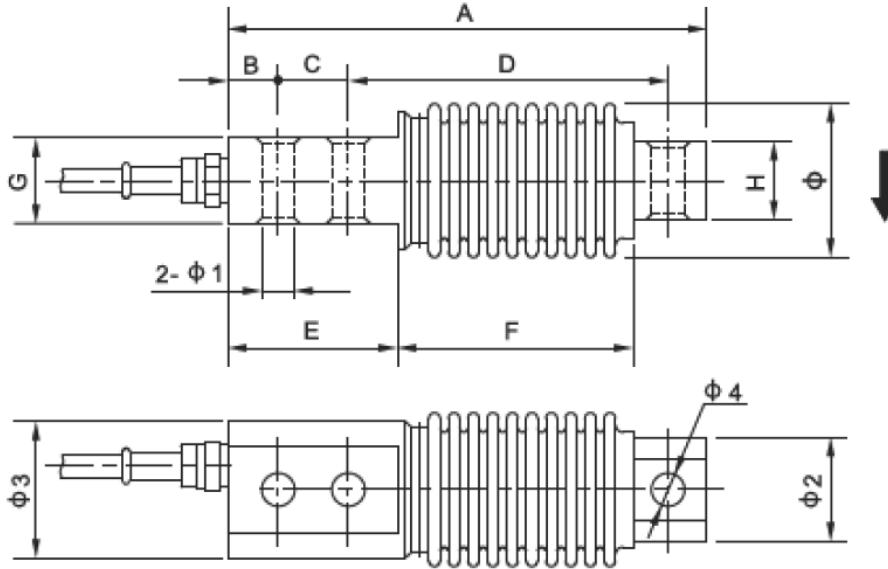
TECHNICAL DATA

Rated Capacities (lb):	20-450, 750-2000
Rated Capacities (Kg):	10-200, 300-1000
Rated Output	2 ±0.10 mV/V
Combined Error	± 0.023 % FS
Non-linearity	± 0.02%FS
Hysteresis	± 0.02%FS
Repeatability	± 0.01%FS
Creep (30minutes)	± 0.02%FS
Zero Balance	±1.00%FS
Temperature effect on zero	± 0.02%FS/10C°
Temperature effect on output	± 0.02%FS/10C°
Input Resistance Ω	385 ± 10
Output Resistance Ω	350 ± 3
Insulation Resistance	≥5000 MΩ
Excitation Voltage	10V(DC/AC)
Compensated Temperature Range	-10C°~+50C°
Operating Temperature Range	-20C°~+60C°
Safe Overload	120%FS
Cable Size Length	16.45ft / 5M

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

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OUTLINE DIMENSIONS:



DIMENSIONS:

Capacity	A	B	C	D	E	F	G	H	Φ	Φ1	Φ2	Φ3	Φ4
lb/inches													
20-450	4.85	0.51	0.71	3.23	1.77	2.32	0.86	0.78	1.77	0.33	1.02	1.38	0.33
750-2000	8.29	0.59	1.57	5.25	3.67	2.52	1.34	0.98	2.36	0.51	1.42	1.97	0.55
kg/mm													
10-200	123.0	13.0	18.0	82.0	45.0	59.0	22.0	20.0	45.0	8.5	26.0	35.0	8.5
300-1000	210.0	15.0	40.0	133.0	93.0	64.0	34.0	25.0	60.0	13.0	36.0	50.0	14.0

WIRING

Function	Colors
+ Excitation	Red
- Excitation	Black
+ Signal	Green
- Signal	White

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

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