

Compression Canisters

1200, Alloy Steel/Aluminum Page 228



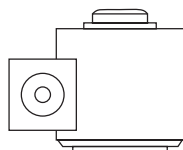
The 1200 Series' compact design permits smaller, more compact testing machines, portability and allows for weighing systems of substantially smaller dimensions. Resistance to extraneous forces produces high fatigue life, permits less stringent mounting alignment, and reduces the possibility of reading errors. Capacities from 1000 to 100,000 lb (453.6 to 45,359.2 kg). Complete with 10' (3.1m) of load cell cable.

3200, Stainless Steel Page 229



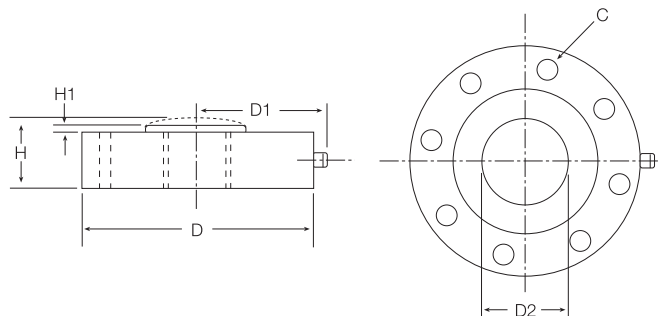
The 3200 Series stainless steel load cells are designed specifically for difficult applications in harsh environments. These units incorporate welded stainless steel diaphragms to resist corrosion and to seal against moisture intrusion. These load cells provide high accuracy, resistance to off-center loads with minimum error, excellent temperature specifications, and low height envelope for ease of installation. Capacities from 5000 to 100,000 lb (2268.0 to 45,359.2 kg). Complete with 20' (6.1m) of load cell cable.

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1200 Series Compression Canister, Low Profile Alloy Steel/Aluminum



RATED CAPACITY			DIMENSIONS				
	C	D	D1	D2	H	H1	
lb/inches							
1000-10,000	.28 Dia.	8 Holes	4.12	2.63	1.34	1.37	.12
25,000-50,000	.34 Dia.	4 Holes	4.75	2.95	1.57	1.75	.12
100,000	.47 Dia.	12 Holes	7.50	4.32	3.12	2.25	.25
kg/millimeters							
453.6-4535.9	7.1 Dia.	8 Holes	104.6	66.8	34.0	34.8	3.0
11,339.8-22,679.6	8.6 Dia.	4 Holes	120.7	74.9	39.9	44.5	3.0
45,359.2	11.9 Dia.	12 Holes	190.5	109.7	79.2	57.2	6.4

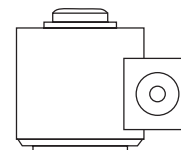
SPECIFICATIONS:

Full Scale Output:	2.0 mV/V (1000-2000 lb) 4.0 mV/V (5000-100,000 lb)	Hysteresis:	0.02-0.04% Full scale
Bridge Resistance:	350 ohms, nominal	Insulation Resistance:	5000 megohms
Material/Finish:	1000-2000 lb - Aluminum 5000-100,000 lb - Alloy steel	Seal Type:	Environmentally protected
Temperature:	Compensated range 15°F to 115°F/-9°C to 46°C	Cable Length:	10'/3.1m
Safe Overload:	150% Full scale	Cable Color Code:	Red + Excitation Black - Excitation Green + Signal White - Signal
Rated Excitation:	10V AC/DC (20V maximum)	Warranty:	2 years
Nonlinearity:	0.05% Full scale		

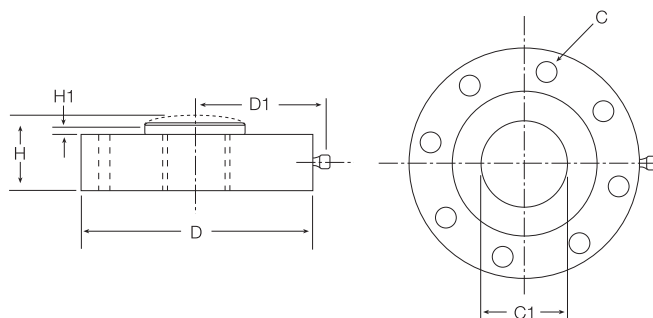
1200 ORDER INFORMATION

Load Rating	Part #	Suggested List Price
Aluminum		
1000 lb (453.6 kg)	36132	\$650.00
2000 lb (907.2 kg)	36133	\$650.00
Alloy steel		
5000 lb (2268.0 kg)	36134	\$765.00
10,000 lb (4535.9 kg)	36135	\$765.00
25,000 lb (11,339.8 kg)	36136	\$875.00
50,000 lb (22,679.6 kg)	36137	\$875.00
100,000 lb (45,359.2 kg)	36138	\$1,795.00

Load cell bases are available; consult factory.



3200 Compression Canister, Low Profile Stainless Steel, Hermetically Sealed, IP66/68



RATED CAPACITY	DIMENSIONS					
	C	C1	D	D1	H	H1
lb/inches						
5000-10,000	.28 Dia. 8 Holes	1.34	4.12	2.56	1.37	.12
25,000-50,000	.34 Dia. 4 Holes	1.57	4.75	2.87	1.75	.12
100,000	.47 Dia. 12 Holes	3.12	7.50	4.25	2.25	.25
kg/millimeters						
2268.0-4535.9	7.1 Dia. 8 Holes	34.0	104.6	65.0	34.8	3.0
11,339.8-22,679.6	8.6 Dia. 4 Holes	39.9	120.7	72.9	44.5	3.0
45,359.2	11.9 Dia. 12 Holes	79.2	190.5	108.0	57.2	6.4

SPECIFICATIONS:

Full Scale Output:	4.0 mV/V	Insulation Resistance:	5000 megohms
Bridge Resistance:	350 ohms, nominal	Seal Type:	Hermetically sealed
Material/Finish:	Stainless steel	Cable Length:	20'/6.1m
Temperature:	Compensated range 15°F to 115°F/-9°C to 46°C	Cable Color Code:	Red + Excitation Black - Excitation Green + Signal White - Signal
Safe Overload:	150% Full scale	Warranty:	2 years
Rated Excitation:	10V AC/DC (20V maximum)		
Nonlinearity:	0.05% Full scale		
Hysteresis:	0.04% Full scale		

3200 ORDER INFORMATION

Load Rating	Part #	Suggested List Price
5000 lb (2268.0 kg)	36140	\$925.00
10,000 lb (4535.9 kg)	36141	\$925.00
25,000 lb (11,339.8 kg)	36142	\$1,125.00
50,000 lb (22,679.6 kg)	36143	\$1,125.00
100,000 lb (45,359.2 kg)	36144	\$2,295.00

Load cell bases are available; consult factory.