

Model 3630 Series Compression Load Cell

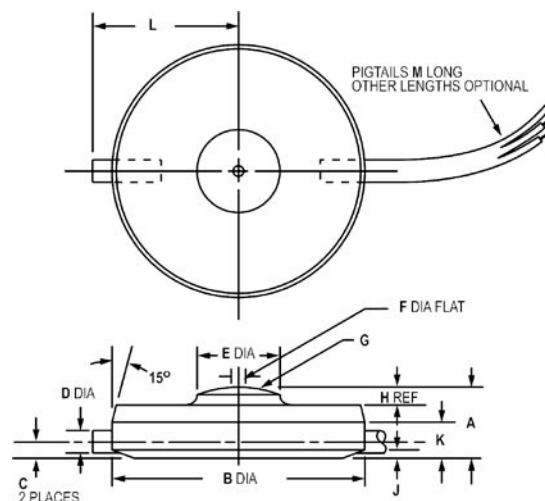
The compression only load cells were developed to deliver a high degree of performance at low cost and low de cation.



SPECIFICATIONS:

Output at Rated Capacity: mV/V, nom.	±1
Nonlinearity: of rated output	±3.0%*
Hysteresis: of rated output	NA
Repeatability: of rated output	±1.0%
Zero Balance: of rated output	±10%
Bridge Resistance: ohms nominal	350
Temp. Range, Usable: °F	-65 to +200
Temp. Range, Usable: °C	-54 to +93
Temp. Effect on Output: of reading per °F	±0.01%
Temp. Effect on Output: of reading per °C	±0.018%
Temp. Effect on Zero: of reading per °F	±0.01%
Temp. Effect on Zero: of reading per °C	±0.018%
Excitation Voltage, Max.: volts DC or AC rms	6
Insulation Resistance, Bridge/Case: megohms at 50VDC	>5000
Number of Bridges	1

* ±5% for capacities 4K through 10K



Model	Nominal Load Limit Capacity Fz		Static Overload Capacity % of Nom. Capacity	De cation At Nom. Load Limit Inches	Dimensions														
					A	B	C	D	E	F	G	H	J	K	L	M			
	Lbs.	Newtons			In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	cm	cm	cm
3630-101	1K	5K	150	0.003	0.250	0.745	0.050	0.072	0.25	0.03	0.41	0.050	0.018	0.097	0.433	72	6.4	1.89	0.13
					0.64	1.89	0.13	0.18	0.64	0.08	1.04	0.13	0.05	0.25	1.10	182	1.6	4.8	0.33
102	2K	10K	150	0.003	0.278	0.745	0.050	0.072	0.25	0.03	0.41	0.050	0.018	0.097	0.433	72	0.71	1.89	0.13
					0.71	1.89	0.13	0.18	0.64	0.08	1.04	0.13	0.05	0.25	1.10	182	1.8	4.8	0.33
106	3K	15K	150	0.003	0.307	0.745	0.050	0.072	0.25	0.03	0.41	0.050	0.018	0.097	0.433	72	0.78	1.89	0.13
					0.78	1.89	0.13	0.18	0.64	0.08	1.04	0.13	0.05	0.25	1.10	182	2.0	4.8	0.33
107	4K	20K	150	0.003	0.335	0.745	0.050	0.072	0.25	0.03	0.41	0.050	0.018	0.097	0.433	72	0.85	1.89	0.13
					0.85	1.89	0.13	0.18	0.64	0.08	1.04	0.13	0.05	0.25	1.10	182	2.2	4.8	0.33
104	5K	20K	150	0.003	0.390	0.745	0.050	0.072	0.25	0.03	0.41	0.050	0.018	0.097	0.433	72	0.99	1.89	0.13
					0.99	1.89	0.13	0.18	0.64	0.08	1.04	0.13	0.05	0.25	1.10	182	2.5	4.8	0.33
108	6K	25K	150	0.003	0.392	0.745	0.050	0.072	0.25	0.03	0.41	0.050	0.018	0.097	0.433	72	1.00	1.89	0.13
					1.00	1.89	0.13	0.18	0.64	0.08	1.04	0.13	0.05	0.25	1.10	182	2.6	4.8	0.33
109	7K	30K	150	0.003	0.421	0.745	0.050	0.072	0.25	0.03	0.41	0.050	0.018	0.097	0.433	72	1.07	1.89	0.13
					1.07	1.89	0.13	0.18	0.64	0.08	1.04	0.13	0.05	0.25	1.10	182	2.8	4.8	0.33
110	8K	35K	150	0.003	0.450	0.745	0.050	0.072	0.25	0.03	0.41	0.050	0.018	0.097	0.433	72	1.14	1.89	0.13
					1.14	1.89	0.13	0.18	0.64	0.08	1.04	0.13	0.05	0.25	1.10	182	3.0	4.8	0.33
111	9K	40K	150	0.003	0.478	0.745	0.050	0.072	0.25	0.03	0.41	0.050	0.018	0.097	0.433	72	1.21	1.89	0.13
					1.21	1.89	0.13	0.18	0.64	0.08	1.04	0.13	0.05	0.25	1.10	182	3.2	4.8	0.33
112	10K	50K	150	0.003	0.509	0.745	0.050	0.072	0.25	0.03	0.41	0.050	0.018	0.097	0.433	72	1.29	1.89	0.13
					1.29	1.89	0.13	0.18	0.64	0.08	1.04	0.13	0.05	0.25	1.10	182	3.4	4.8	0.33