

DIMENSIONS

RATED CAPACITY	C1	C2	C3	C4	H	L	L1	L2	L3	T
Klb/inches										
5-20	0.66	1.95	1.48	0.50	1.12	8.12	6.88	0.62	1.44	1/4-18 NPT
30-75	1.06	3.00	2.73	1.00	2.37	10.25	8.50	0.88	1.88	1/2-14 NPT
100	1.06	3.50	3.24	1.50	2.50	11.25	9.50	0.88	1.88	1/2-14 NPT
150	1.06	3.90	3.64	1.50	2.80	11.25	9.50	0.88	1.88	1/2-14 NPT
200	1.56	5.38	5.17	2.00	4.60	16.10	13.0	1.55	3.05	1/2-14 NPT
kg/mm (conversion of above dimensions)										
2,268-9,071.8	16.7	49.5	37.6	12.7	28.5	206.2	174.8	15.7	36.6	1/4-18 NPT
13,607.7-34,019.4	26.9	76.2	69.3	25.4	60.2	260.4	215.9	22.3	47.8	1/2-14 NPT
45,359.2	26.9	88.9	82.3	38.1	63.5	285.8	241.3	22.3	47.8	1/2-14 NPT
68,038.9	26.9	99.1	92.5	38.1	71.1	285.8	241.3	22.3	47.8	1/2-14 NPT
90,718.5	39.6	136.7	131.3	50.8	116.8	408.9	330.2	39.4	77.5	1/2-14 NPT

SPECIFICATIONS

Full Scale Output	3.0 mV/V $\pm 0.25\%$	Recommended Excitation	10V (15V Maximum)
Zero Balance	± 0.02 mV/V	Insulation Resistance	$>2 [50\text{V DC}] \text{ G}\Omega$
Non-linearity	$< \pm 0.023\%$	Compensated Temperature Range	-10°C to 50°C / 14°F to 122°F
Repeatability	$< \pm 0.017\%$	Safe Overload	150% of full scale
Hysteresis Error	$< \pm 0.023\%$	Breaking Overload	300% of full scale
Creep in 30 min.	$< \pm 0.023\%$	Seal Type / IP Rating	Welded Seal / IP68
Input Resistance	700 $\Omega \pm 10$	Cable Color Code	Exc+ Red Exc- Black
Output Resistance	700 $\Omega \pm 5$		Sig+ Green Sig- White
Element Material	17-4PH Stainless Steel		Shield Bare

PART NUMBER*

Rated Capacity	Part No.	Weight Approx. (kg)
5Klb	102DS-5Klb	2.4
10Klb	102DS-10Klb	2.7
15Klb	102DS-15Klb	2.7
20Klb	102DS-20Klb	2.7
30Klb	102DS-30Klb	9.0
40Klb	102DS-40Klb	9.0
50Klb	102DS-50Klb	9.0
60Klb	102DS-60Klb	9.0
75Klb	102DS-75Klb	9.0
100Klb	102DS-100Klb	12.1
150Klb	102DS-150Klb	18.3
200Klb	102DS-200Klb	38.0

* ATEX, FM, IECEx approved versions carry the "-Ex" suffix.

WEIGH MODULE

Model	Page
102DSM3.....	157

INTERCHANGEABLE REFERENCE

Brand	Model
Artech.....	SS70210
Coti Global	CG-5103-SSW
Mettler Toledo.....	SLD-530
Rice Lake.....	RL70000SS
Rice Lake.....	RL72019SS
Rice Lake.....	RL72020SS
Vishay Revere Transducers	9103

Product Datasheet Disclaimer

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