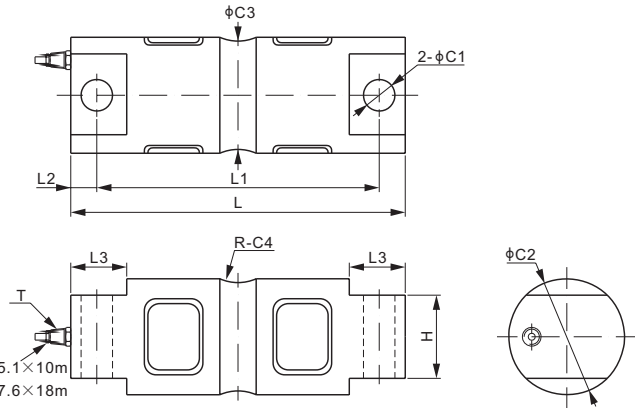


## Alloy Steel



Capacity ≤ 20Klb Cable  $\phi 5.1 \times 10\text{m}$   
Capacity ≥ 30Klb Cable  $\phi 7.6 \times 18\text{m}$



## DIMENSIONS

RATED CAPACITY	C1	C2	C3	C4	H	L	L1	L2	L3	T
<b>Klb/inches</b>										
5-20	0.66	1.95	1.48	0.50	1.12	8.12	6.87	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
200-250	1.56	5.38	5.17	2.00	4.60	16.10	13.0	1.55	3.05	1/2-14 NPT
<b>kg/mm</b> (conversion of above dimensions)										
2,268-9,071.8	16.7	49.5	37.6	12.7	28.4	206.2	174.6	15.8	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
90,718.5-113,398.1	39.6	136.7	131.3	50.8	116.8	408.9	330.2	39.4	77.5	1/2-14 NPT

## SPECIFICATIONS

<b>Full Scale Output</b>	3.0 mV/V $\pm 0.25\%$	<b>Recommended Excitation</b>	10V (15V Maximum)
<b>Zero Balance</b>	$\pm 0.02$ mV/V	<b>Insulation Resistance</b>	>2 [ 50V DC ] G $\Omega$
<b>Non-linearity</b>	$< \pm 0.023\%$	<b>Compensated Temperature Range</b>	-10°C to 50°C / 14°F to 122°F
<b>Repeatability</b>	$< \pm 0.017\%$	<b>Safe Overload</b>	150% of full scale
<b>Hysteresis Error</b>	$< \pm 0.023\%$	<b>Breaking Overload</b>	300% of full scale
<b>Creep in 30 min.</b>	$< \pm 0.023\%$	<b>Seal Type / IP Rating</b>	Environmentally Sealed / IP67
<b>Input Resistance</b>	700 $\Omega \pm 10$	<b>Cable Color Code</b>	Exc+ Red      Exc- Black
<b>Output Resistance</b>	700 $\Omega \pm 5$		Sig+ Green    Sig- White
<b>Element Material</b>	Alloy Steel, Nickel Plated		Shield Bare

## PART NUMBER\*

Rated Capacity	Part No.	Weight Approx. (kg)
5Klb.....	102DH-5Klb.....	2.4
10Klb.....	102DH-10Klb.....	2.7
15Klb.....	102DH-15Klb.....	2.7
20Klb.....	102DH-20Klb.....	2.7
30Klb.....	102DH-30Klb.....	9.0
40Klb.....	102DH-40Klb.....	9.0
50Klb.....	102DH-50Klb.....	9.0
60Klb.....	102DH-60Klb.....	9.0
75Klb.....	102DH-75Klb.....	9.0
100Klb.....	102DH-100Klb.....	12.1
150Klb.....	102DH-150Klb.....	18.3
200Klb.....	102DH-200Klb.....	38.0
250Klb.....	102DH-250Klb.....	38.0

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

## WEIGH MODULE

Model	Page
102DHM3.....	156

## INTERCHANGEABLE REFERENCE

Brand	Model
Artech.....	70210
Coti Global.....	CG-5103
Rice Lake.....	RL70000
Rice Lake.....	RL72020*
Mettler Toledo.....	SLD430**
Vishay Revere Transducers.....	5103
Vishay Sensortronics.....	60058

\*: C2 of 5-10Klb:1.7", 30-60Klb:3.2"

\*\* C2 of 5-10Klb:1.7", 30-60Klb:3.0"



10Klb-100Klb: NTEP 1:10 000 Class IIIL, Multiple Cell



9t-45t: OIML MAA C4, Y=15 000

For further available P/N's & specifications per NTEP/OIML classes, please contact us.

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