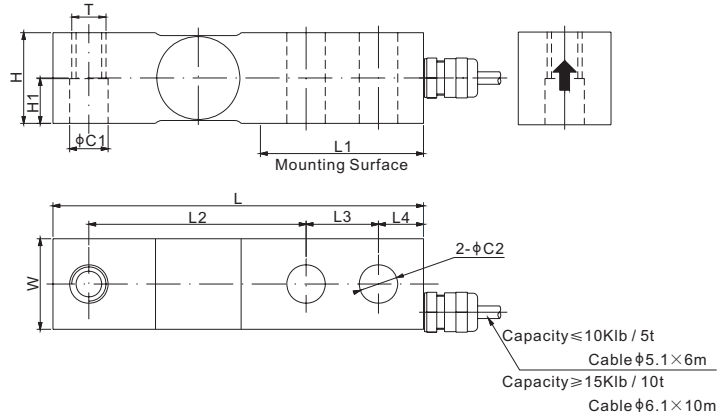


# 563YH-23

## Alloy Steel

ANYLOAD

SINGLE ENDED BEAMS



### DIMENSIONS

RATED CAPACITY	C1	C2	H	H1	L	L1	L2	L3	L4	W	T
<b>lb/inches</b>											
250-4,000; SE5,000	0.53	0.53	1.25	0.62	5.12	2.25	3.00	1.00	0.62	1.25	1/2-20 UNF-2B
5,000-10,000	0.78	0.78	1.50	0.75	6.75	3.00	3.75	1.50	0.75	1.50	3/4-16 UNF-2B
15,000-20,000	1.03	1.03	2.00	1.00	8.88	4.00	4.88	2.00	1.00	2.00	1-14 UNS-2B

### SPECIFICATIONS

<b>Full Scale Output</b>	3.0 mV/V $\pm 0.25\%$	<b>Element Material</b>	Alloy Steel, Nickel Plated
<b>Zero Balance</b>	$\pm 0.02$ mV/V	<b>Recommended Excitation</b>	10V (15V Maximum)
<b>Non-linearity</b>	Cap. $\leq 750\text{lb}$ : $< \pm 0.03\%$ ; Cap. $> 750\text{lb}$ : $< \pm 0.02\%$	<b>Insulation Resistance</b>	$> 2 [50\text{V DC}] \text{ G}\Omega$
<b>Repeatability</b>	$< \pm 0.02\%$	<b>Compensated Temperature Range</b>	$-10^\circ\text{C}$ to $50^\circ\text{C}$ / $14^\circ\text{F}$ to $122^\circ\text{F}$
<b>Hysteresis Error</b>	Cap. $\leq 750\text{lb}$ : $< \pm 0.03\%$ ; Cap. $> 750\text{lb}$ : $< \pm 0.02\%$	<b>Safe Overload</b>	150% of full scale
<b>Creep in 30 min.</b>	$< \pm 0.025\%$	<b>Breaking Overload</b>	300% of full scale
<b>Input Resistance</b>	$350\Omega \pm 7$	<b>Seal Type / IP Rating</b>	Environmentally Sealed / IP67
<b>Output Resistance</b>	$350\Omega \pm 3$	<b>Cable Color Code</b>	Exc+ Red      Exc- Black Sig+ Green    Sig- White Shield Bare

### PART NUMBER\*

Rated Capacity	Part No.	Weight Approx. (kg)
250lb.....	563YH-23A-250lb.....	1.0
500lb.....	563YH-23A-500lb.....	1.0
750lb.....	563YH-23-750lb.....	1.0
1Klb.....	563YH-23-1Klb.....	1.0
1.5Klb.....	563YH-23-1.5Klb.....	1.0
2Klb.....	563YH-23-2Klb.....	1.0
2.5Klb.....	563YH-23-2.5Klb.....	1.0
3Klb.....	563YH-23-3Klb.....	1.0
4Klb.....	563YH-23-4Klb.....	1.0
SE5Klb.....	563YH-23-SE5Klb.....	1.0
5Klb.....	563YH-23-5Klb.....	1.8
10Klb.....	563YH-23-10Klb.....	1.8
15Klb.....	563YH-23-15Klb.....	4.0
20Klb.....	563YH-23-20Klb.....	4.0

SE refers to small envelope

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

### INTERCHANGEABLE REFERENCE

Brand	Model
Artech.....	30310
Coti Global.....	CG-23
Rice Lake.....	RL30000
Rice Lake.....	RL32018
Rice Lake.....	RL35023
Vishay Celtron.....	SQB
Vishay Revere Transducers.....	.5123
Vishay Sensortronics.....	.65023A
Vishay Tedeo-Huntleigh.....	.3411

250lb-2.5Klb: NTEP 1:5 000 Class III, Single Cell;  
NTEP 1:9 500 Class III, Multiple Cell  
4Klb-20Klb: NTEP 1:6 000 Class III, Single Cell;  
NTEP 1:10 000 Class III, Multiple Cell

1Klb-5Klb: OIML MAA C4, Y=15 000;  
10Klb-20Klb: OIML MAA C6, Y=8 500

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

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