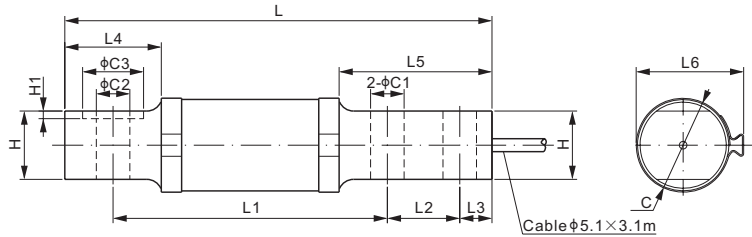


# 563SHBB

ANYLOAD

## Alloy Steel



### DIMENSIONS

RATED CAPACITY	C	C1	C2	C3	H	H1	L	L1	L2	L3	L4	L5	L6
<b>lb/inches</b>													
50-100	1.46	0.31	0.31	-	1.06	-	6.00	4.25	0.88	0.38	1.19	1.97	1.69
200-1,000	1.46	0.52	0.52	-	1.06	-	6.62	4.25	1.12	0.50	1.49	2.36	1.69
2,500	2.17	0.53	0.62	1.19	1.25	0.12	11.38	8.25	1.75	0.50	2.84	3.98	2.40
<b>kg/mm (conversion of above dimensions)</b>													
22.68-45.36	37.0	7.9	7.9	-	26.9	-	152.4	108.0	22.4	9.7	30.2	50.0	43.0
90.72-453.59	37.0	13.2	13.2	-	26.9	-	168.2	108.0	28.5	12.7	37.8	60.0	43.0
1133.98	55.0	13.5	15.8	30.3	31.8	3.0	289.1	209.6	44.5	12.7	72.1	101.0	61.0

### SPECIFICATIONS

<b>Full Scale Output</b>	2.0 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>	< $\pm$ 0.030%	<b>Compensated Temperature Range</b>	-10°C to 50°C / 14°F to 122°F
<b>Repeatability</b>	< $\pm$ 0.020%	<b>Safe Overload</b>	150% of full scale
<b>Hysteresis Error</b>	< $\pm$ 0.030%	<b>Breaking Overload</b>	300% of full scale
<b>Creep in 30 min.</b>	< $\pm$ 0.030%	<b>Seal Type / IP Rating</b>	Environmentally Sealed / IP65
<b>Input Resistance</b>	Cap. $\leq$ 1Klb: 700 $\Omega$ $\pm$ 20; Cap. = 2.5Klb: 350 $\Omega$ $\pm$ 7	<b>Cable Color Code</b>	Exc+ Red      Exc- Black Sig+ Green      Sig- White Shield Bare
<b>Output Resistance</b>	Cap. $\leq$ 1Klb: 700 $\Omega$ $\pm$ 5; Cap. = 2.5Klb: 350 $\Omega$ $\pm$ 3		
<b>Element Material</b>	Alloy Steel, Nickel Plated		

### PART NUMBER\*

Rated Capacity	Part No.	Weight Approx. (kg)
50lb.....	563SHBB-50lb.....	0.93
100lb.....	563SHBB-100lb.....	0.93
200lb.....	563SHBB-200lb.....	1.00
250lb.....	563SHBB-250lb.....	1.00
500lb.....	563SHBB-500lb.....	1.00
1Klb.....	563SHBB-1Klb.....	1.00
2.5Klb.....	563SHBB-2.5Klb.....	3.53

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

### INTERCHANGEABLE REFERENCE

Brand	Model
Artech.....	40310
Fairbanks.....	3-481XX-1
Fairbanks.....	3-48660-1
HBM.....	BBS
Rice Lake.....	RL40BBS
Vishay Sensortronics.....	65087

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