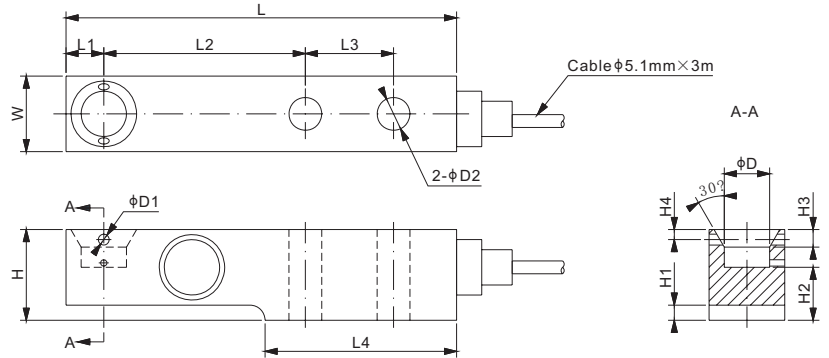


# 563YSMT-4



## Stainless Steel

SINGLE ENDED BEAMS



### DIMENSIONS

RATED CAPACITY	L	L1	L2	L3	L4	H	H1	H2	H3	H4	W	D	D1	D2
<b>kN/mm</b>														
5-20	155.0	15.0	80.0	35.0	76.0	36.0	6.0	21.0	7.0	4.0	30.0	18.0	4.3	13.0
50	190.0	21.0	105.0	40.0	93.0	49.0	8.0	28.5	6.0	8.0	43.0	25.0	4.3	21.0
100	245.0	30.0	135.0	50.0	120.0	73.0	12.5	42.0	10.0	-	60.0	30.0	4.3	27.0
<b>kN/inches</b> (conversion of above dimensions)														
5-20	6.10	0.59	3.15	1.38	2.99	1.42	0.24	0.83	0.28	0.16	1.18	0.71	0.17	0.51
50	7.48	0.83	4.13	1.57	3.66	1.93	0.31	1.12	0.24	0.31	1.69	0.98	0.17	0.83
100	9.46	1.18	5.31	1.97	4.72	2.87	0.49	1.65	0.39	-	2.36	1.18	0.17	1.06

### SPECIFICATIONS

<b>Full Scale Output</b>	2.0 mV/V ± 0.1%	<b>Recommended Excitation</b>	10V (15V Maximum)
<b>Zero Balance</b>	± 0.1 mV/V	<b>Insulation Resistance</b>	>2 [ 50V DC ] GΩ
<b>Non-linearity</b>	< ± 0.017%	<b>Compensated Temperature Range</b>	-10°C to 40°C / 14°F to 104°F
<b>Repeatability</b>	< ± 0.017%	<b>Safe Overload</b>	200% of full scale
<b>Hysteresis Error</b>	< ± 0.017%	<b>Breaking Overload</b>	300% of full scale
<b>Creep in 30 min.</b>	< ± 0.017%	<b>Seal Type / IP Rating</b>	Welded Seal / IP68
<b>Input Resistance</b>	1100Ω ± 50	<b>Cable Color Code</b>	Exc+ Green    Exc- Black
<b>Output Resistance</b>	1000Ω ± 5		Sig+ White    Sig- Red
<b>Element Material</b>	17-4PH Stainless Steel		Shield Yellow

### PART NUMBER\*

Load Cell	Part No.	Weight Approx. (kg)
Rated Capacity		
5kN.....	563YSMT-4-5kN.....	1.2
10kN.....	563YSMT-4-10kN.....	1.2
20kN.....	563YSMT-4-20kN.....	1.2
50kN.....	563YSMT-4-50kN.....	-
100kN.....	563YSMT-4-100kN.....	-

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

### INTERCHANGEABLE REFERENCE

Brand	Model
Flintec.....	SB4

- 5kN-10kN: NTEP 1:5 000 Class III, Single Cell; NTEP 1:9 500 Class III, Multiple Cell
  - 20kN-50kN: NTEP 1:6 000 Class III, Single Cell; NTEP 1:10 000 Class III, Multiple Cell
  - 5kN-20kN: OIML MAA C5, Y=26 000;
  - 50kN-100kN: OIML MAA C6, Y=8 500
- For further available P/N's & specifications per NTEP/OIML classes, please contact us.

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