



SINGLE ENDED BEAMS

### DIMENSIONS

RATED CAPACITY	C	C1	C2	C3	C4	L	L1	L2	L3	L4	L5	H
<b>kg/mm</b>												
5-200	34.0	8.2	8.2	23.0	42.0	120.0	42.0	21.2	10.0	18.0	82.0	20.0
350-500	34.0	8.2	10.5	23.0	42.0	120.0	42.0	21.2	10.0	18.0	82.0	20.0
500(23A)	34.0	10.5	10.5	23.0	42.0	120.0	42.0	21.2	10.0	18.0	82.0	20.0
<b>lb/inches</b> (conversion of above dimensions)												
11.02-440.92	1.34	0.32	0.32	0.91	1.65	4.72	1.65	0.83	0.39	0.71	3.23	0.79
771.62-1,102.31	1.34	0.32	0.41	0.91	1.65	4.72	1.65	0.83	0.39	0.71	3.23	0.79
1,102.31(23A)	1.34	0.41	0.41	0.91	1.65	4.72	1.65	0.83	0.39	0.71	3.23	0.79

### SPECIFICATIONS

<b>Full Scale Output</b>	2.0 mV/V ± 0.25%	<b>Element Material</b>	17-4PH Stainless Steel
<b>Zero Balance</b>	Cap. ≤ 20kg: ± 0.05 mV/V Cap. > 20kg: ± 0.02 mV/V	<b>Recommended Excitation</b>	10V (15V Maximum)
<b>Deflection at Emax</b>	0.27 - 0.33mm	<b>Insulation Resistance</b>	> 2 [ 50V DC ] GΩ
<b>Non-linearity</b>	< ± 0.017%	<b>Compensated Temperature Range</b>	-10°C to 50°C / 14°F to 122°F
<b>Repeatability</b>	< ± 0.017%	<b>Safe Overload</b>	150% of full scale
<b>Hysteresis Error</b>	< ± 0.017%	<b>Breaking Overload</b>	300% of full scale
<b>Creep in 30 min.</b>	< ± 0.023%	<b>Seal Type / IP Rating</b>	Welded Seal / IP68
<b>Input Resistance</b>	400Ω ± 20	<b>Cable Color Code</b>	Exc+ Red      Exc- Black Sig+ Green    Sig- White Shield Bare
<b>Output Resistance</b>	350Ω ± 3		

### PART NUMBER\*

Rated Capacity	Part No.	Weight Approx. (kg)
5kg.....	563RS-5kg.....	0.6
10kg.....	563RS-10kg.....	0.6
20kg.....	563RS-20kg.....	0.6
30kg.....	563RS-30kg.....	0.6
50kg.....	563RS-50kg.....	0.6
100kg.....	563RS-100kg.....	0.6
200kg.....	563RS-200kg.....	0.6
350kg.....	563RS-350kg.....	0.6
500kg.....	563RS-500kg.....	0.6
	563RS-500kg-23A.....	0.6

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

- 5kg-50kg: NTEP 1:6 000 Class III, Single Cell;  
NTEP 1:10 000 Class III, Multiple Cell
- 100kg-500kg: NTEP 1:4 500 Class III, Single Cell;  
NTEP 1:10 000 Class III, Multiple Cell
- 10kg-50kg: OIML MAA C6, Y=30 000;  
100kg-500kg: OIML MAA C4, Y=30 000

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

### INTERCHANGEABLE REFERENCE

Brand	Model
Cardinal.....	CB6
Coti Global.....	CG-Z6
Flintec.....	SB8
HBM.....	Z6*
Mettler-Toledo.....	MTB*
Rice Lake.....	RLHBB
Rice Lake.....	RL9018SS
Vishay Celtron.....	HBB
Vishay Revere Transducers.....	SHB
Vishay TedeA-Huntleigh.....	355

\* Except 500kg. Use 563RS-500kg-23A instead since C1 of 500kg of HBM Z6 and Mettler Toledo MTB: 10.5mm

### WEIGH MODULE

Model	Page
563RSM5.....	168

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