



| RATED CAPACITY | DIMENSIONS | | | | | | | | | | |
|--------------------|------------|------|------|-------|-------|-------|------|------|------|---------------|--|
| | C1 | C2 | H | L | L1 | L2 | L3 | L4 | W | T | |
| lb/inches | | | | | | | | | | | |
| 500-4,000; SE5,000 | 0.53 | 0.53 | 1.22 | 5.12 | 2.25 | 3.00 | 1.00 | 0.62 | 1.22 | 1/2-20 UNF-2B | |
| 5,000-10,000 | 0.79 | 0.79 | 1.50 | 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 | 8.75 | 4.00 | 4.75 | 2.00 | 1.00 | 2.00 | 1-14 UNS-2B | |
| kg/mm | | | | | | | | | | | |
| 250-2,000 | 13.5 | 13.5 | 31.0 | 130.0 | 57.2 | 76.2 | 25.4 | 15.8 | 31.0 | M12X1.75 | |
| 3,000-5,000 | 20.0 | 20.0 | 38.1 | 171.5 | 76.2 | 95.3 | 38.1 | 19.1 | 38.1 | M18X1.50 | |
| 10,000 | 26.2 | 26.2 | 50.8 | 222.3 | 101.6 | 120.7 | 50.8 | 25.4 | 50.8 | M24X2.00 | |

| SPECIFICATIONS | | | |
|--------------------------|--|--------------------------------------|---|
| Full Scale Output | 563YS: 2.0 mV/V ± 0.25%; 563YS30: 3.0 mV/V ± 0.25% | Recommended Excitation | 10V (15V Maximum) |
| Zero Balance | ± 0.02 mV/V | Insulation Resistance | >2 [50V DC] G Ω |
| Non-linearity | < ± 0.023% | Compensated Temperature Range | -10°C to 50°C / 14°F to 122°F |
| Repeatability | < ± 0.023% | Safe Overload | 150% of full scale |
| Hysteresis Error | < ± 0.023% | Breaking Overload | 300% of full scale |
| Creep in 30 min. | < ± 0.030% | Seal Type / IP Rating | Welded Seal / IP68 |
| Input Resistance | 350 Ω ± 7 | Cable Color Code | Exc+ Red Exc- Black Sig+ Green Sig- White Shield Bare |
| Output Resistance | 350 Ω ± 3 | | |
| Element Material | 17-4PH Stainless Steel | | |

| WEIGH MODULE | |
|--------------|------|
| Model | Page |
| 563YSM3 | 147 |

| PART NUMBER | | |
|----------------|-----------------|---------------------|
| Rated Capacity | Part No. | Weight (kg) Approx. |
| 500lb | 563YS-500lb | 1.0 |
| | 563YS30GS-500lb | 1.0 |
| 1Klb | 563YS-1Klb | 1.0 |
| | 563YS30-1Klb | 1.0 |
| 2.5Klb | 563YS-2.5Klb | 1.0 |
| | 563YS30-2.5Klb | 1.0 |
| 4Klb | 563YS-4Klb | 1.0 |
| | 563YS30-4Klb | 1.0 |
| SE5Klb | 563YS-SE5Klb | 1.0 |
| | 563YS30-SE5Klb | 1.0 |
| 5Klb | 563YS-5Klb | 1.8 |
| | 563YS30-5Klb | 1.8 |
| 10Klb | 563YS-10Klb | 1.8 |
| | 563YS30-10Klb | 1.8 |
| 15Klb | 563YS-15Klb | 4.1 |
| | 563YS30-15Klb | 4.1 |
| 20Klb | 563YS-20Klb | 4.1 |
| | 563YS30-20Klb | 4.1 |
| 250kg | 563YS-250kg | 1.0 |
| 500kg | 563YS-500kg | 1.0 |
| 1t | 563YS-1t | 1.0 |
| 2t | 563YS-2t | 1.0 |
| 3t | 563YS-3t | 1.8 |
| 5t | 563YS-5t | 1.8 |
| 10t | 563YS-10t | 4.1 |

- Environmentally sealed for 563YS30, capacity=500lb
 - SE refers to small envelope

| INTERCHANGEABLE REFERENCE | |
|---------------------------|--------------|
| Manufacturer | Model |
| 563YS | |
| Coti Global | CG-23-SSW-02 |
| Rice Lake | RL35082 |
| Rice Lake | RLHTO |
| Vishay Sensortronics | 65083S |
| Vishay Tedea-Huntleigh | 3510-kg |
| 563YS30 | |
| Coti Global | CG-23-SSW-03 |
| HBM | B35* |
| HBM | H35** |
| Mettler-Toledo | 0793 |
| Rice Lake | RL35023S* |
| Rice Lake | RL35083 |
| Rice Lake | RL39123 |
| Vishay Celtron | SQB-HSS |
| Vishay Revere Transducers | 9123 |
| Vishay Sensortronics | 65023S* |
| Vishay Sensortronics | 65023SS*** |
| Vishay Sensortronics | 65083 |
| Vishay Tedea-Huntleigh | 3510-lbs |

* Environmentally sealed
 ** Welded seal
 *** Environmentally sealed for capacities 1Klb-10Klb

563YS, 500lb-2.5Klb & 250kg-1t: NTEP 1:5 000 Class III, S;
 NTEP 1:9 500 Class III, M
 4Klb-20Klb & 2t-5t: NTEP 1:6 000 Class III, S;
 NTEP 1:10 000 Class III, M
 563YS30, 500lb-2.5Klb: NTEP 1:5 000 Class III, S;
 NTEP 1:9 500 Class III, M
 4Klb-20Klb: NTEP 1:6 000 Class III, S;
 NTEP 1:10 000 Class III, M

563YS, 1Klb-5Klb & 500kg-2t: OIML MAA C5, Y=26 000;
 10Klb-20Klb & 3t-10t: OIML MAA C6, Y=8 500;
 563YS30, 1Klb-5Klb: OIML MAA C4, Y=15 000;
 10Klb-20Klb: OIML MAA C6, Y=8 500;