



DIMENSIONS

| RATED CAPACITY | C1 | C2 | H | L | L1 | L2 | L3 | L4 | W | W1 | W2 | T |
|---|------|------|------|------|------|------|------|------|------|------|------|-----|
| kg/mm | | | | | | | | | | | | |
| 125-250 | - | 9 | 25 | 110 | 54 | 57 | 33 | 10 | 21 | 25 | 2.5 | M10 |
| 500-1,000 | - | 11 | 32 | 125 | 63 | 61.5 | 38 | 13 | 29 | - | - | M12 |
| 2,500-5,000 | 21 | 21 | 50 | 190 | 99.5 | 88 | 60 | 20 | 46 | - | - | - |
| 10,000 | 26 | 26 | 66 | 227 | 117 | 117 | 60 | 25 | 50 | - | - | - |
| lb/inches (conversion of above dimensions) | | | | | | | | | | | | |
| 276-551 | - | 0.35 | 0.98 | 4.33 | 2.13 | 2.24 | 1.30 | 0.39 | 0.83 | 0.98 | 0.10 | M10 |
| 1,102-2,205 | - | 0.43 | 1.26 | 4.92 | 2.48 | 2.42 | 1.50 | 0.51 | 1.14 | - | - | M12 |
| 5,512-11,023 | 0.83 | 0.83 | 1.97 | 7.48 | 3.92 | 3.46 | 2.36 | 0.79 | 1.81 | - | - | - |
| 22,046 | 1.02 | 1.02 | 2.60 | 8.94 | 4.61 | 4.61 | 2.36 | 0.98 | 1.97 | - | - | - |

SPECIFICATIONS

| | | | |
|--------------------------|--|--------------------------------------|--|
| Full Scale Output | 125-500kg, 10t: 2.2 mV/V ± 0.25% 1-5t: 2.2 mV/V ± 0.05% | Recommended Excitation | 10V (15V Maximum) |
| Zero Balance | ± 0.02 mV/V | Insulation Resistance | >2 [50V DC] GΩ |
| Non-linearity | < ± 0.017% | Compensated Temperature Range | -10°C to 50°C / 14°F to 122°F |
| Repeatability | < ± 0.017% | Safe Overload | 150% of full scale |
| Hysteresis Error | < ± 0.017% | Breaking Overload | 300% of full scale |
| Creep in 30 min. | < ± 0.023% | Seal Type / IP Rating | Cap. ≤ 250kg: Environmentally Sealed / IP66 Cap. ≥ 500kg: Environmentally Sealed / IP67 |
| Input Resistance | 385Ω ± 15 | Cable Color Code | Exc+ Red Exc- Black Sig+ Green Sig- White Shield Bare |
| Output Resistance | 350Ω ± 3 | | |
| Element Material | Alloy Steel, Nickel Plated | | |

PART NUMBER*

| Rated Capacity | Part No. | Weight Approx. (kg) |
|----------------|---------------|---------------------|
| 125kg | 563YHFK-125kg | 0.7 |
| 250kg | 563YHFK-250kg | 0.7 |
| 500kg | 563YHFK-500kg | 1.0 |
| 1t | 563YHFK-1t | 1.0 |
| 2.5t | 563YHFK-2.5t | 2.8 |
| 5t | 563YHFK-5t | 3.0 |
| 10t | 563YHFK-10t | 4.9 |

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

INTERCHANGEABLE REFERENCE

| ANYLOAD Part No. | Kelba Model |
|------------------|-------------|
| 563YHFK-125kg | KA125N |
| 563YHFK-250kg | KA250N |
| 563YHFK-500kg | KA500N |
| 563YHFK-1t | KA1000N |
| 563YHFK-2.5t | KA2500N |
| 563YHFK-5t | KA5000N |
| 563YHFK-10t | KA10000N |

125kg-1t: NTEP 1:5 000 Class III, Single Cell;
NTEP 1:9 500 Class III, Multiple Cell
2.5t-5t: NTEP 1:6 000 Class III, Single Cell;
NTEP 1:10 000 Class III, Multiple Cell
 500kg-2.5t: OIML MAA C5, Y=26 000;
5t-10t: OIML MAA C6, Y=8 500
For further available P/N's & specifications per NTEP/OIML classes, please contact us.

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