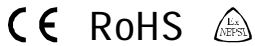


SINGLE ENDED BEAMS



### DIMENSIONS

| RATED CAPACITY                                    | C    | H    | L     | L1   | L2   | L3   | L4   | W    | T          |
|---|------|------|-------|------|------|------|------|------|------------|
| <b>563YSBK:</b>                                   |      |      |       |      |      |      |      |      |            |
| <b>kg/mm</b>                                      |      |      |       |      |      |      |      |      |            |
| 200   | 13.0 | 12.7 | 128.5 | 76.2 | 25.4 | 14.2 | 54.0 | 31.8 | M12        |
| 500   | 13.0 | 15.9 | 128.5 | 76.2 | 25.4 | 14.2 | 54.0 | 31.8 | M12        |
| 1,000   | 13.0 | 19.1 | 128.5 | 76.2 | 25.4 | 14.2 | 54.0 | 31.8 | M12        |
| 2,000   | 13.0 | 25.4 | 128.5 | 76.2 | 25.4 | 14.2 | 54.0 | 31.8 | M12        |
| <b>lb/inches (conversion of above dimensions)</b> |      |      |       |      |      |      |      |      |            |
| 441   | 0.51 | 0.50 | 5.06  | 3.00 | 1.00 | 0.56 | 2.12 | 1.25 | M12        |
| 1,102   | 0.51 | 0.63 | 5.06  | 3.00 | 1.00 | 0.56 | 2.12 | 1.25 | M12        |
| 2,205   | 0.51 | 0.75 | 5.06  | 3.00 | 1.00 | 0.56 | 2.12 | 1.25 | M12        |
| 4,409   | 0.51 | 1.00 | 5.06  | 3.00 | 1.00 | 0.56 | 2.12 | 1.25 | M12        |
| <b>563YSBKUN:</b>                                 |      |      |       |      |      |      |      |      |            |
| <b>kg/mm</b>                                      |      |      |       |      |      |      |      |      |            |
| 200   | 13.0 | 12.7 | 128.5 | 76.2 | 25.4 | 14.2 | 54.0 | 31.8 | 1/2-20 UNF |
| 500   | 13.0 | 15.9 | 128.5 | 76.2 | 25.4 | 14.2 | 54.0 | 31.8 | 1/2-20 UNF |
| 1,000   | 13.0 | 19.1 | 128.5 | 76.2 | 25.4 | 14.2 | 54.0 | 31.8 | 1/2-20 UNF |
| 2,000   | 13.0 | 25.4 | 128.5 | 76.2 | 25.4 | 14.2 | 54.0 | 31.8 | 1/2-20 UNF |
| <b>lb/inches (conversion of above dimensions)</b> |      |      |       |      |      |      |      |      |            |
| 441   | 0.51 | 0.50 | 5.06  | 3.00 | 1.00 | 0.56 | 2.12 | 1.25 | 1/2-20 UNF |
| 1,102   | 0.51 | 0.63 | 5.06  | 3.00 | 1.00 | 0.56 | 2.12 | 1.25 | 1/2-20 UNF |
| 2,205   | 0.51 | 0.75 | 5.06  | 3.00 | 1.00 | 0.56 | 2.12 | 1.25 | 1/2-20 UNF |
| 4,409   | 0.51 | 1.00 | 5.06  | 3.00 | 1.00 | 0.56 | 2.12 | 1.25 | 1/2-20 UNF |

| SPECIFICATIONS    |                       |                               |                               |
|-------------------|-----------------------|-------------------------------|-------------------------------|
| Full Scale Output | 2.0 ± 0.1% mV/V       | Recommended Excitation        | 10V (15V Maximum)             |
| Zero Balance      | ± 0.02 mV/V           | Insulation Resistance         | >2 [ 50V DC ] GΩ              |
| Non-linearity     | < ± 0.023%            | Compensated Temperature Range | -10°C to 50°C / 14°F to 122°F |
| Repeatability     | < ± 0.017%            | Safe Overload                 | 150% of full scale            |
| Hysteresis Error  | < ± 0.023%            | Breaking Overload             | 300% of full scale            |
| Creep in 30 min.  | < ± 0.023%            | Seal Type / IP Rating         | Environmentally Sealed / IP67 |
| Input Resistance  | 1100Ω ± 50            | Cable Color Code              | Exc+ Red      Exc- Black      |
| Output Resistance | 1000Ω ± 5             |                               | Sig+ Green    Sig- White      |
| Element Material  | 2Cr13 Stainless Steel |                               | Shield Bare                   |

| PART NUMBER    |                    |                              |
|----------------|--------------------|------------------------------|
| Rated Capacity | Part No.           | Shipping Weight (kg) Approx. |
| 200kg          | 563YSBK-200kg-YZ   | 0.4                          |
|                | 563YSBKUN-200kg-YZ | 0.4                          |
| 500kg          | 563YSBK-500kg-YZ   | 0.4                          |
|                | 563YSBKUN-500kg-YZ | 0.4                          |
| 1t             | 563YSBK-1t-YZ      | 0.6                          |
|                | 563YSBKUN-1t-YZ    | 0.6                          |
| 2t             | 563YSBK-2t-YZ      | 0.8                          |
|                | 563YSBKUN-2t-YZ    | 0.8                          |

| INTERCHANGEABLE PRODUCTS |       |
|--------------------------|-------|
| Manufacturer             | Model |
| Flintec                  | BK2   |