

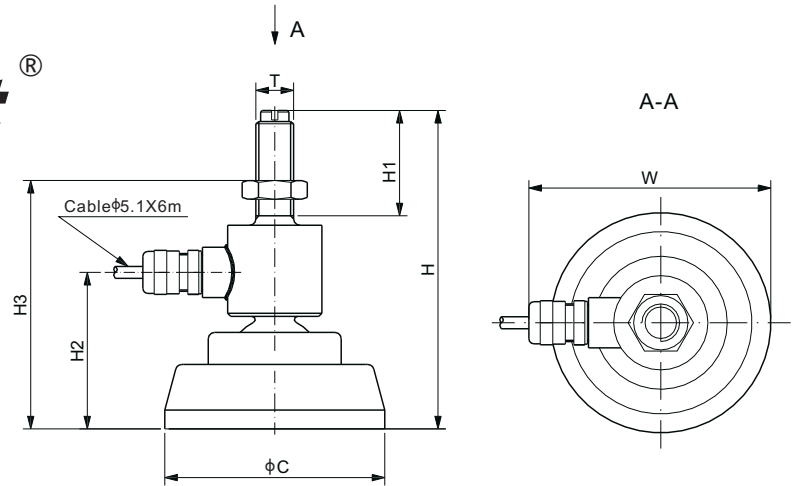
# 106MS-F-YZ

ANYLOAD

Stainless Steel



**Fatfoot**®



CE RoHS

## DIMENSIONS

| RATED CAPACITY | C     | H     | H1   | H2   | H3          | W    | T          |
|----------------|-------|-------|------|------|-------------|------|------------|
| t/mm           |       |       |      |      |             |      |            |
| 0.5-1          | 70.0  | 101.3 | 33.5 | 51.8 | 76.0-99.0   | 77.0 | M12        |
| 2              | 70.0  | 119.8 | 50.0 | 51.8 | 78.0-116.0  | 77.0 | M16        |
| 5              | 80.0  | 132.8 | 55.0 | 59.8 | 87.0-127.0  | 82.0 | M20        |
| 10             | 100.0 | 187.3 | 80.0 | 81.3 | 118.0-180.0 | 96.0 | M24×2      |
| Klb/inches     |       |       |      |      |             |      |            |
| 1-2.5          | 2.76  | 3.99  | 1.32 | 1.96 | 2.99-3.90   | 3.03 | 1/2-20 UNF |
| 5-10           | 3.15  | 5.23  | 2.17 | 2.35 | 3.43-5.00   | 3.23 | 3/4-16 UNF |
| 20             | 3.94  | 7.37  | 3.15 | 3.20 | 4.65-7.09   | 3.78 | 1-14 UNS   |

## SPECIFICATIONS

|                   |                                            |                               |                               |
|-------------------|--------------------------------------------|-------------------------------|-------------------------------|
| Full Scale Output | 2.0 mV/V ± 0.25%                           | Recommended Excitation        | 10V (15V Maximum)             |
| Zero Balance      | ± 0.04 mV/V                                | Insulation Resistance         | >2 [ 50V DC ] GΩ              |
| Non-linearity     | Cap. ≤ 2t: < ± 0.050%; Cap. > 2t: < ± 0.2% | Compensated Temperature Range | -10°C to 50°C / 14°F to 122°F |
| Repeatability     | < ± 0.030%                                 | Safe Overload                 | 150% of full scale            |
| Hysteresis Error  | < ± 0.050%                                 | Breaking Overload             | 300% of full scale            |
| Creep in 30 min.  | < ± 0.030%                                 | Seal Type / IP Rating         | Welded Seal / IP67            |
| Input Resistance  | 380 Ω ± 20                                 | Cable Color Code              | Exc+ Red      Exc- Black      |
| Output Resistance | 350 Ω ± 3                                  |                               | Sig+ Green    Sig- White      |
| Element Material  | 2Cr13 Stainless Steel                      |                               | Shield Bare                   |

## PART NUMBER

| Rated Capacity | Part No.               | Weight (kg) Approx. |
|----------------|------------------------|---------------------|
| 500kg.....     | 106MS-F-500kg-YZ.....  | 1.0                 |
| 1t.....        | 106MS-F-1t-YZ.....     | 1.0                 |
| 2t.....        | 106MS-F-2t-YZ.....     | 1.0                 |
| 5t.....        | 106MS-F-5t-YZ.....     | -                   |
| 10t.....       | 106MS-F-10t-YZ.....    | -                   |
| 1Klb.....      | 106MS-F-1Klb-YZ.....   | 1.0                 |
| 2.5Klb.....    | 106MS-F-2.5Klb-YZ..... | 1.0                 |
| 5Klb.....      | 106MS-F-5Klb-YZ.....   | -                   |
| 10Klb.....     | 106MS-F-10Klb-YZ.....  | -                   |
| 20Klb.....     | 106MS-F-20Klb-YZ.....  | -                   |

CANISTERS & DISKS