

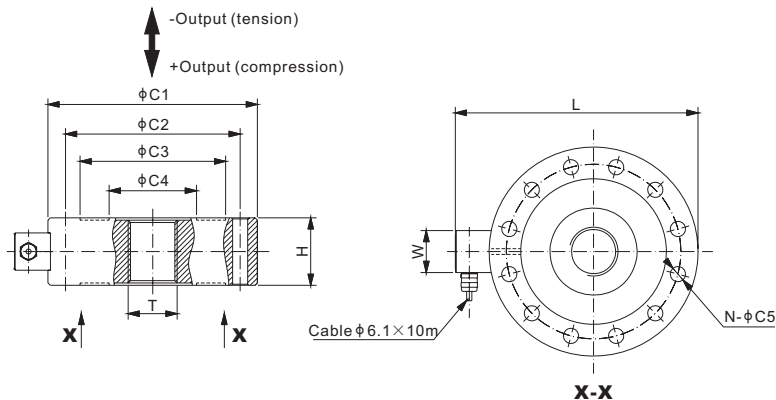
363YS

ANYLOAD

Stainless Steel



Mounting hardware to be ordered separately.



DIMENSIONS

| RATED CAPACITY                             | C1    | C2    | C3    | C4    | C5   | N  | H     | L     | W    | T      |
|--------------------------------------------|-------|-------|-------|-------|------|----|-------|-------|------|--------|
| t/mm                                       |       |       |       |       |      |    |       |       |      |        |
| 1-5                                        | 113.0 | 97.0  | 81.0  | 37.0  | 7.0  | 8  | 35.0  | 141.5 | 36.0 | M24X2  |
| 10; 20                                     | 155.0 | 130.0 | 106.0 | 56.0  | 11.0 | 12 | 45.0  | 189.0 | 36.0 | M36X2  |
| 30                                         | 180.0 | 150.0 | 125.0 | 75.0  | 13.0 | 12 | 58.0  | 208.8 | 36.0 | M42X2  |
| 50                                         | 205.0 | 165.0 | 125.0 | 75.0  | 13.0 | 16 | 64.0  | 233.0 | 36.0 | M42X2  |
| 100                                        | 280.0 | 228.0 | 182.0 | 118.0 | 17.0 | 16 | 90.0  | 318.0 | 48.0 | M70X3  |
| 150; 200                                   | 296.0 | 256.0 | 223.0 | 133.0 | 22.0 | 16 | 120.0 | 334.0 | 48.0 | M90X3  |
| 300                                        | 346.0 | 282.0 | 242.0 | 174.0 | 26.0 | 16 | 180.0 | 384.0 | 48.0 | M120X3 |
| lb/inches (conversion of above dimensions) |       |       |       |       |      |    |       |       |      |        |
| 2,204.6-11,023.1                           | 4.45  | 3.82  | 3.19  | 1.46  | 0.28 | 8  | 1.38  | 5.57  | 1.42 | M24X2  |
| 22,046.2; 44,092.5                         | 6.10  | 5.12  | 4.17  | 2.20  | 0.43 | 12 | 1.77  | 7.44  | 1.42 | M36X2  |
| 66,138.7                                   | 7.09  | 5.91  | 4.92  | 2.95  | 0.51 | 12 | 2.28  | 8.22  | 1.42 | M42X2  |
| 110,231.1                                  | 8.07  | 6.50  | 4.92  | 2.95  | 0.51 | 16 | 2.52  | 9.17  | 1.42 | M42X2  |
| 220,462.3                                  | 11.02 | 8.98  | 7.17  | 4.65  | 0.67 | 16 | 3.54  | 12.52 | 1.89 | M70X3  |
| 330,693.4; 440,924.5                       | 11.65 | 10.08 | 8.78  | 5.24  | 0.87 | 16 | 4.72  | 13.15 | 1.89 | M90X3  |
| 661,386.8                                  | 13.62 | 11.10 | 9.53  | 6.85  | 1.02 | 16 | 7.09  | 15.12 | 1.89 | M120X3 |

| SPECIFICATIONS    |                                              |                               |                               |
|-------------------|----------------------------------------------|-------------------------------|-------------------------------|
| Full Scale Output | 2.0 mV/V ± 1%                                | Recommended Excitation        | 10V (15V Maximum)             |
| Zero Balance      | < ± 0.02 mV/V                                | Insulation Resistance         | > 2 [ 50V DC ] GΩ             |
| Non-linearity     | Cap. ≤ 5t: < ± 0.050%; Cap. ≥ 10t: < ± 0.30% | Compensated Temperature Range | -10°C to 50°C / 14°F to 122°F |
| Repeatability     | Cap. ≤ 5t: < ± 0.030%; Cap. ≥ 10t: < ± 0.20% | Safe Overload                 | 150% of full scale            |
| Hysteresis Error  | Cap. ≤ 5t: < ± 0.050%; Cap. ≥ 10t: < ± 0.30% | Breaking Overload             | 300% of full scale            |
| Creep in 30 min.  | Cap. ≤ 5t: < ± 0.050%; Cap. ≥ 10t: < ± 0.10% | Seal Type / IP Rating         | Welded Seal / IP68            |
| Input Resistance  | 770 Ω ± 30                                   | Cable Color Code              | Exc+ Red    Exc- Black        |
| Output Resistance | 700 Ω ± 5                                    |                               | Sig+ Green    Sig- White      |
| Element Material  | 2Cr13 Stainless Steel                        |                               | Shield Bare                   |

| PART NUMBER*   |                    |                     |
|----------------|--------------------|---------------------|
| Rated Capacity | Part No.           | Weight Approx. (kg) |
| 1t.....        | 363YS-1t-YZ.....   | 2.8                 |
| 2t.....        | 363YS-2t-YZ.....   | 2.8                 |
| 3t.....        | 363YS-3t-YZ.....   | 2.8                 |
| 5t.....        | 363YS-5t-YZ.....   | 2.8                 |
| 10t.....       | 363YS-10t-YZ.....  | 5.5                 |
| 20t.....       | 363YS-20t-YZ.....  | 5.5                 |
| 30t.....       | 363YS-30t-YZ.....  | 12.4                |
| 50t.....       | 363YS-50t-YZ.....  | 16.8                |
| 100t.....      | 363YS-100t-YZ..... | 40.6                |
| 150t.....      | 363YS-150t-YZ..... | 51.0                |
| 200t.....      | 363YS-200t-YZ..... | 51.0                |
| 300t.....      | 363YS-300t-YZ..... | 97.2                |

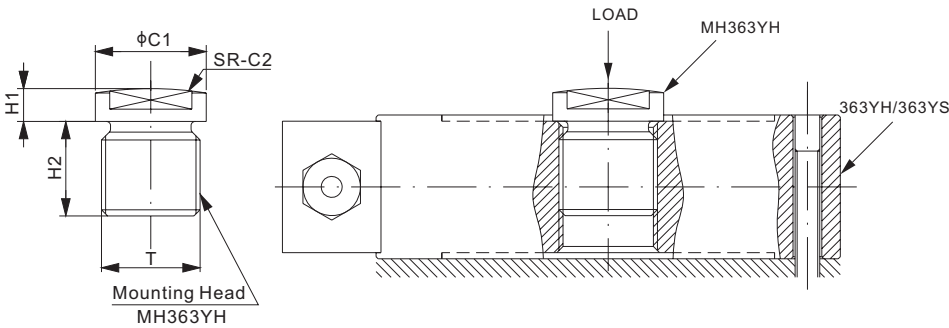
\* ATEX, FM, IECEx approved versions carry the "-Ex" suffix.

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CANISTERS & DISKS

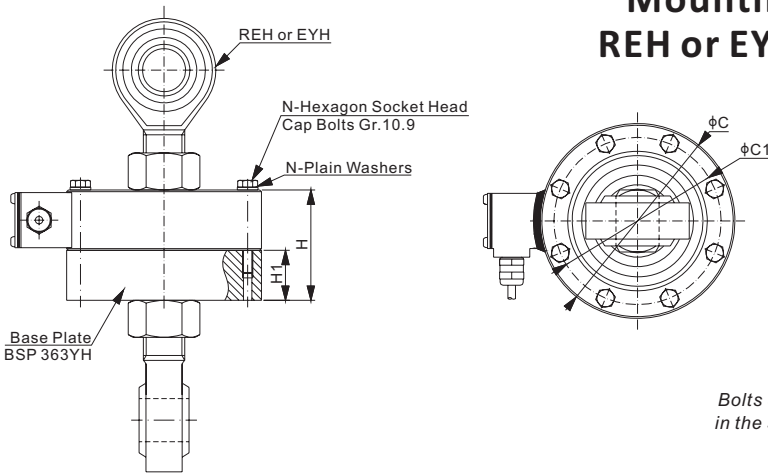
Mounting Variation 1, Alloy Steel  
MH363YH



DIMENSIONS

| PART NUMBER                                       | LOAD CELL CAPACITY   | C1    | C2    | H1   | H2   | T      | Weight Approx. (kg) |
|---------------------------------------------------|----------------------|-------|-------|------|------|--------|---------------------|
| <b>t/mm</b>                                       |                      |       |       |      |      |        |                     |
| MH363YH-(1-5)t                                    | 1-5                  | 27.0  | 85.0  | 8.0  | 25.0 | M24X2  | -                   |
| MH363YH-(10-20)t                                  | 10; 20               | 45.0  | 150.0 | 22.0 | 38.0 | M36X2  | -                   |
| MH363YH-30t                                       | 30                   | 54.0  | 180.0 | 32.0 | 48.0 | M42X2  | 0.97                |
| MH363YH-50t                                       | 50                   | 64.0  | 200.0 | 42.0 | 54.0 | M42X2  | -                   |
| MH363YH-100t                                      | 100                  | 102.0 | 300.0 | 48.0 | 79.0 | M70X3  | -                   |
| MH363YH-(150-200)t                                | 150; 200             | 136.0 | 300.0 | 60.0 | 79.0 | M90X3  | -                   |
| MH363YH-300t                                      | 300                  | 160.0 | 500.0 | 80.0 | 90.0 | M120X3 | -                   |
| <b>lb/inches (conversion of above dimensions)</b> |                      |       |       |      |      |        |                     |
| MH363YH-(1-5)t                                    | 2,204.6-11,023.1     | 1.06  | 3.35  | 0.31 | 0.98 | M24X2  | -                   |
| MH363YH-(10-20)t                                  | 22,046.2; 44,092.5   | 1.77  | 5.91  | 0.87 | 1.50 | M36X2  | -                   |
| MH363YH-30t                                       | 66,138.7             | 2.13  | 7.09  | 1.26 | 1.89 | M42X2  | 0.97                |
| MH363YH-50t                                       | 110,231.1            | 2.52  | 7.87  | 1.65 | 2.13 | M42X2  | -                   |
| MH363YH-100t                                      | 220,462.3            | 4.02  | 11.81 | 1.89 | 3.11 | M70X3  | -                   |
| MH363YH-(150-200)t                                | 330,693.4; 440,924.5 | 5.35  | 11.81 | 2.36 | 3.11 | M90X3  | -                   |
| MH363YH-300t                                      | 661,386.8            | 6.30  | 19.69 | 3.15 | 3.54 | M120X3 | -                   |

Mounting Variation 2  
REH or EYH+ BSP363YH



Bolts & plain washers are included in the set of Base Plate BSP363YH

DIMENSIONS

| PART NUMBER                                       | LOAD CELL CAPACITY | C     | C1    | H    | H1   | N  | Matching Bolts | Matching REH or EYH | Weight Approx. (kg) |
|---------------------------------------------------|--------------------|-------|-------|------|------|----|----------------|---------------------|---------------------|
| <b>t/mm</b>                                       |                    |       |       |      |      |    |                |                     |                     |
| BSP363YH-(1-5)t                                   | 1-5                | 113.0 | 97.0  | 64.0 | 29.0 | 8  | M6X50          | REH-M24             | -                   |
| BSP363YH-(10-20)t                                 | 10; 20             | 155.0 | 130.0 | 90.0 | 45.0 | 12 | M10X60         | EYH-M36             | -                   |
| <b>lb/inches (conversion of above dimensions)</b> |                    |       |       |      |      |    |                |                     |                     |
| BSP363YH-(1-5)t                                   | 2,204.6-11,023.1   | 4.45  | 3.82  | 2.52 | 1.14 | 8  | M6X50          | REH-M24             | -                   |
| BSP363YH-(10-20)t                                 | 22,046.2; 44,092.5 | 6.10  | 5.12  | 3.54 | 1.77 | 12 | M10X60         | EYH-M36             | -                   |

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