

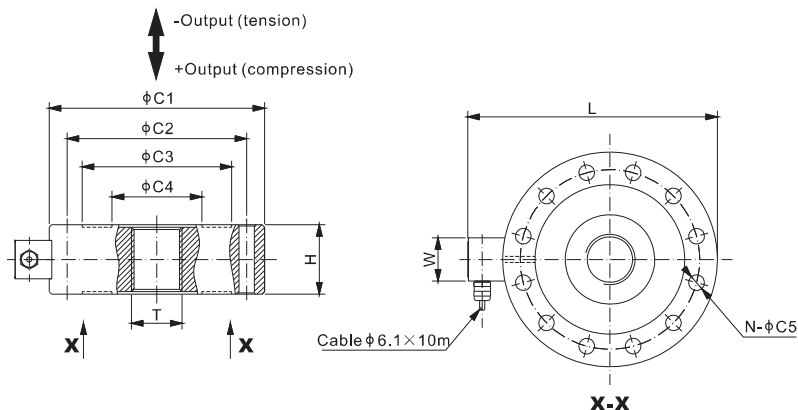
363YS



## Stainless Steel



Mounting hardware to be ordered separately.



## DIMENSIONS

| RATED CAPACITY                                    | C1    | C2    | C3    | C4    | C5   | N  | H     | L     | W    | T      |
|---------------------------------------------------|-------|-------|-------|-------|------|----|-------|-------|------|--------|
| <b>t/mm</b>                                       |       |       |       |       |      |    |       |       |      |        |
| 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 |
| <b>lb/inches</b> (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

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

## PART NUMBER\*

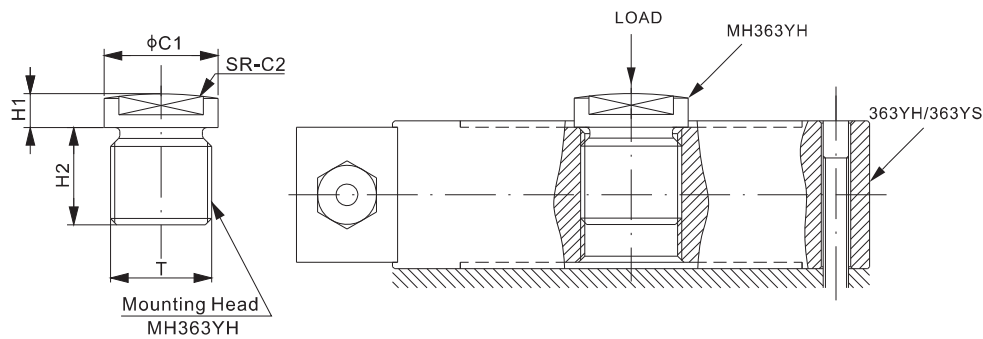
| Rated Capacity | Part No.           | Weight Approx. (kg) |
|----------------|--------------------|---------------------|
| 1t.....        | 363YS-1t-YZ.....   | 2.8                 |
| 2t.....        | 363YS-2t-YZ.....   | 2.8                 |
| 3t.....        | 363YS-3t-YZ.....   | 2.8                 |
| 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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VETEK V2 dimensions and specifications subject to change without notice

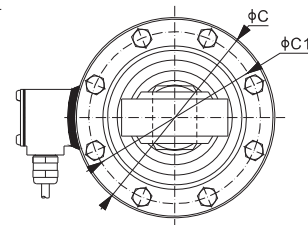
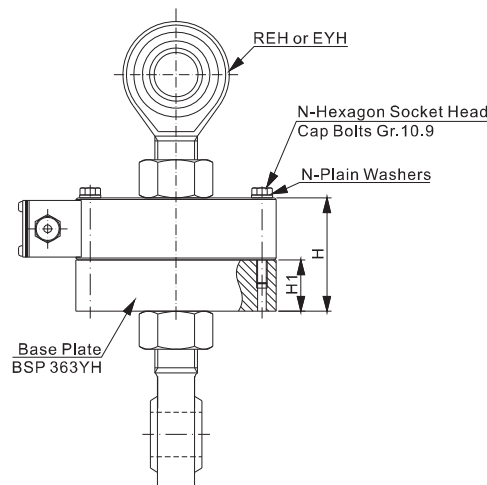
## Mounting Variation 1, Alloy Steel MH363YH



### 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</b> (conversion of above dimensions) |       |       |      |      |        |                     |
| 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</b> (conversion of above dimensions) |       |       |      |      |    |                |                     |                     |
| 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             | -                   |