

# PROFILE DAMPERS BASICSTOP

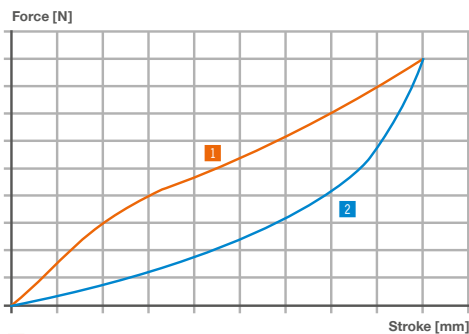
## SERIES RADIAL STANDARD

### PRODUCT SPECIFICATIONS



|                                      |                  |
|--------------------------------------|------------------|
| ► <b>Design</b>                      | Radial           |
| ► <b>Shore hardness, hard</b>        | 55D              |
| ► <b>Shore hardness, medium</b>      | 40D              |
| ► <b>Damping proportion Hard</b>     | up to 60 %       |
| ► <b>Damping proportion Medium</b>   | up to 50 %       |
| ► <b>Impact speed</b>                | 0 ... 10 [m/s]   |
| ► <b>Permitted temperature range</b> | -50 ... +90 [°C] |
| ► <b>Angle of Impact max.</b>        | 30 [°]           |
| ► <b>PWIS-free</b>                   | Yes              |
| ► <b>RoHS compliant</b>              | Yes              |
| ► <b>REACH compliant</b>             | Yes              |

### TECHNICAL DATA



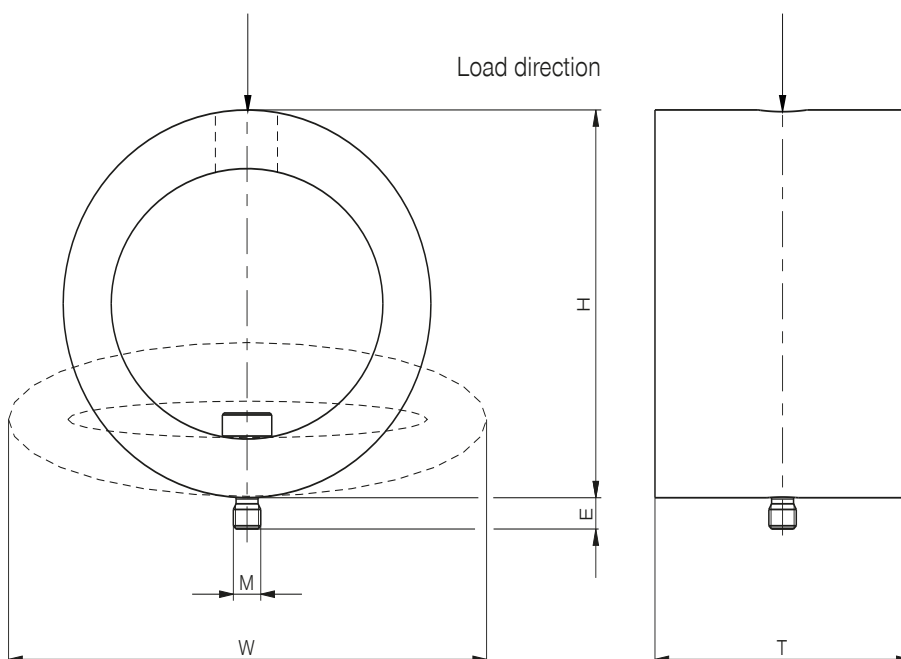
#### Order No.

|                 |
|-----------------|
| <b>TPC-M5-R</b> |
| <b>TPC-M6-R</b> |
| <b>TPC-M8-R</b> |

#### Installation instructions

| Thread M | Wrench size<br>[mm] | Max. tightening<br>torque<br>[Nm] | Weight<br>[g] |
|----------|---------------------|-----------------------------------|---------------|
| M5       | 3                   | 3                                 | 3             |
| M6       | 5                   | 5                                 | 6             |
| M8       | 6                   | 12                                | 16            |

The profile dampers must completely contact the underside.  
The screws are included in the scope of delivery of the respective BasicStop structural damper. These can also be ordered individually.



## ► TECHNICAL DATA

### ► Radial Standard

|              |              | Energy absorption max. |                          | Stroke max. | Height H | Width W  |            | Depth T       | Screw-in depth max. E | Thread M | Weight |     |
|--------------|--------------|------------------------|--------------------------|-------------|----------|----------|------------|---------------|-----------------------|----------|--------|-----|
|              |              | Continuous operation   | Emergency stop operation |             |          |          |            |               |                       |          |        |     |
|              |              | per stroke             | per hour                 | per stroke  | Stroke=0 | Stroke=0 | Stroke=max | (incl. screw) |                       |          |        |     |
| HARD         | Order No.    | [J]                    | [J/h]                    | [J]         | [mm]     | [mm]     | [mm]       | [mm]          | [mm]                  | [mm]     | [g]    |     |
|              | TPC-RS23X13H | 2.7                    | 81                       | 5.7         | 15       | 23       | 30         | 38            | 13                    | 5        | M5     | 4   |
|              | TPC-RS30X19H | 6                      | 180                      | 18          | 19       | 30       | 39         | 50            | 19                    | 5        | M5     | 11  |
|              | TPC-RS36X20H | 8.7                    | 261                      | 24          | 23       | 36       | 45         | 58            | 20                    | 5        | M5     | 16  |
|              | TPC-RS42X34H | 11.7                   | 351                      | 20          | 32       | 42       | 52         | 68            | 34                    | 5        | M5     | 25  |
|              | TPC-RS53X43H | 25                     | 750                      | 46          | 41       | 53       | 64         | 87            | 43                    | 5        | M5     | 51  |
|              | TPC-RS56X46H | 66.5                   | 1,995                    | 98          | 37       | 56       | 68         | 88            | 46                    | 6        | M6     | 80  |
|              | TPC-RS64X46H | 81.5                   | 2,445                    | 106         | 42       | 64       | 79         | 102           | 46                    | 6        | M6     | 105 |
|              | TPC-RS69X51H | 124                    | 3,720                    | 206         | 46       | 69       | 86         | 109           | 51                    | 6        | M6     | 146 |
|              | TPC-RS69X67H | 158                    | 4,740                    | 261         | 46       | 69       | 86         | 111           | 67                    | 8        | M8     | 190 |
|              | TPC-RS77X82H | 228                    | 6,840                    | 342         | 50       | 77       | 95         | 124           | 82                    | 8        | M8     | 266 |
| TPC-RS84X81H | 290          | 8,700                  | 427                      | 56          | 84       | 102      | 133        | 81            | 8                     | M8       | 319    |     |
| MEDIUM       | Order No.    |                        |                          |             |          |          |            |               |                       |          |        |     |
|              | TPC-RS25X13M | 1.2                    | 36                       | 1.8         | 17       | 25       | 28         | 38            | 13                    | 5        | M5     | 6   |
|              | TPC-RS32X19M | 2.3                    | 69                       | 5.4         | 21       | 32       | 37         | 50            | 19                    | 5        | M5     | 13  |
|              | TPC-RS37X20M | 3.5                    | 105                      | 8.1         | 25       | 37       | 42         | 58            | 20                    | 5        | M5     | 17  |
|              | TPC-RS44X35M | 5.8                    | 174                      | 8.3         | 34       | 44       | 50         | 68            | 35                    | 5        | M5     | 26  |
|              | TPC-RS55X43M | 12                     | 360                      | 17          | 43       | 55       | 63         | 87            | 43                    | 5        | M5     | 51  |
|              | TPC-RS59X46M | 23                     | 690                      | 33          | 40       | 59       | 66         | 88            | 46                    | 6        | M6     | 77  |
|              | TPC-RS67X46M | 34.5                   | 1,035                    | 43          | 46       | 67       | 76         | 102           | 46                    | 6        | M6     | 104 |
|              | TPC-RS73X51M | 45                     | 1,350                    | 74          | 50       | 73       | 83         | 109           | 51                    | 6        | M6     | 142 |
|              | TPC-RS73X67M | 68                     | 2,040                    | 92          | 50       | 73       | 85         | 111           | 67                    | 8        | M8     | 206 |
|              | TPC-RS83X83M | 92                     | 2,760                    | 122         | 57       | 83       | 93         | 124           | 83                    | 8        | M8     | 297 |
| TPC-RS88X81M | 115          | 3,450                  | 146                      | 60          | 88       | 100      | 133        | 81            | 8                     | M8       | 335    |     |