

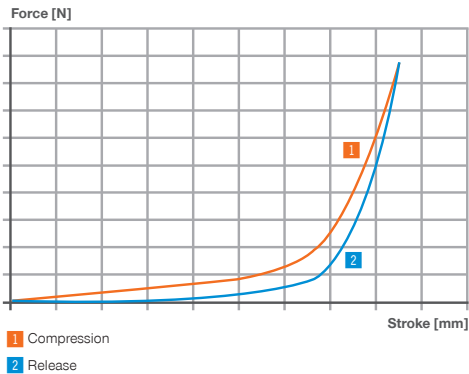
PROFILE DAMPERS BASICSTOP SERIES AXIAL ADVANCED

▶ PRODUCT SPECIFICATIONS



| | |
|--------------------------------------|------------------|
| ▶ Design | Axial |
| ▶ Shore hardness, hard | 55D |
| ▶ Shore hardness, medium | 40D |
| ▶ Damping proportion Hard | up to 65 % |
| ▶ Damping proportion Medium | up to 65 % |
| ▶ Impact speed | 0,1 ... 5 [m/s] |
| ▶ Permitted temperature range | -50 ... +90 [°C] |
| ▶ Angle of Impact max. | 15 [°] |
| ▶ PWIS-free | Yes |
| ▶ RoHS compliant | Yes |
| ▶ REACH compliant | Yes |

▶ TECHNICAL DATA



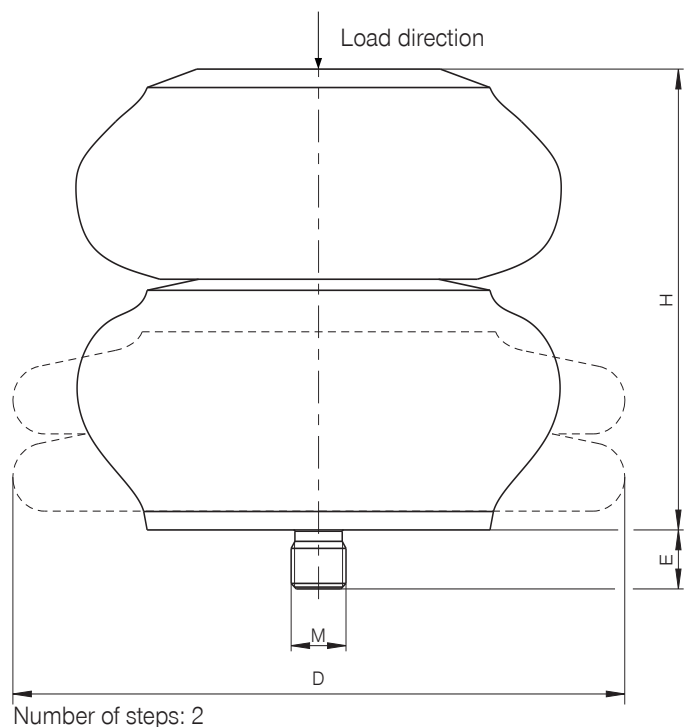
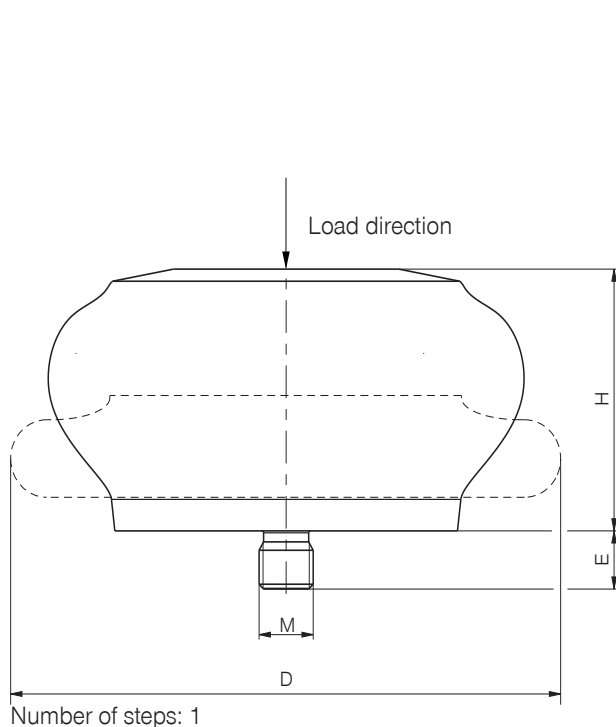
▶ Installation instructions

Order No.

| |
|------------------|
| TPC-M12-A |
| TPC-M16-A |
| TPC-M20-A |

| Thread | Wrench size [mm] | Tightening torque [Nm] | Weight [g] |
|--------|---------------------|---------------------------|---------------|
| M12 | 10 | 40 | 29 |
| M16 | 14 | 100 | 94 |
| M20 | 14 | 185 | 190 |

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

► Axial Advanced

| | Order No. | Energy absorption max. | | | Stroke max. [mm] | Height H at stroke=0 [mm] | Diameter D | | | Number of steps | Screw-in length E max. [mm] | Thread | Weight (incl. screw) [g] |
|-----------------------|-----------------------|------------------------|----------|--|---------------------|------------------------------|------------|----------|-------------|-----------------|--------------------------------|--------|--------------------------------|
| | | Continuous operation | | Emergency stop operation per stroke | | | Stroke=0 | Stroke=0 | Stroke=max. | | | | |
| | | per stroke | per hour | | | | | | | | | | |
| | | [J] | [J/h] | [J] | | | | | | | | | |
| MEDIUM / HARD | TPC-AA79X64M | 450 | 13,500 | 630 | 62 | 79 | 64 | 89 | 2 | 12 | M12 | 177 | |
| | TPC-AA96X74M | 980 | 29,400 | 1372 | 75 | 96 | 74 | 114 | 2 | 12 | M12 | 241 | |
| | TPC-AA57X88M | 1210 | 36,300 | 1695 | 40 | 57 | 88 | 133 | 1 | 12 | M12 | 285 | |
| | TPC-AA68X88H | 1640 | 49,200 | 2295 | 49 | 68 | 88 | 124 | 1 | 12 | M12 | 286 | |
| | TPC-AA84X100M | 1785 | 53,550 | 2500 | 59 | 84 | 100 | 149 | 1 | 12 | M12 | 515 | |
| | TPC-AA53X108H | 1900 | 57,000 | 2660 | 30 | 53 | 108 | 133 | 1 | 12 | M12 | 394 | |
| | TPC-AA94X85M | 1940 | 58,200 | 2715 | 74 | 94 | 85 | 127 | 2 | 12 | M12 | 325 | |
| | TPC-AA98X102H | 1970 | 59,100 | 2760 | 63 | 98 | 102 | 140 | 1 | 16 | M16 | 645 | |
| | TPC-AA129X116M | 3710 | 111,300 | 5195 | 97 | 129 | 116 | 187 | 1 | 16 | M16 | 1062 | |
| | TPC-AA106X136H | 4250 | 127,500 | 5950 | 65 | 106 | 136 | 178 | 1 | 16 | M16 | 1195 | |
| | TPC-AA114X137M | 6350 | 190,500 | 8890 | 89 | 114 | 137 | 216 | 1 | 16 | M16 | 1129 | |
| | TPC-AA224X152M | 7260 | 217,800 | 10165 * | 176 | 224 | 152 | 241 | 2 | 20 | M20 | 2370 | |
| | TPC-AA186X140M | 7310 | 219,300 | 10230 * | 144 | 186 | 140 | 214 | 2 | 16 | M16 | 1596 | |
| | TPC-AA118X146H | 8330 | 249,900 | 11660 * | 67 | 118 | 146 | 191 | 2 | 16 | M16 | 1535 | |
| | TPC-AA241X149M | 8860 | 265,800 | 12400 * | 178 | 241 | 149 | 224 | 2 | 20 | M20 | 2589 | |
| TPC-AA166X168M | 10100 | 303,000 | 14140 * | 124 | 166 | 168 | 260 | 1 | 16 | M16 | 2297 | | |
| TPC-AA252X177M | 12725 | 381,750 | 17810 * | 198 | 252 | 177 | 279 | 2 | 20 | M20 | 3161 | | |

* Limit angle of impact in emergency stop operation to 2°