# Flange mounts

(double acting), rubber and aluminium

METRIC

RoHS +70° -30°

## FLANGE BODY

Aluminium painted with nitrocellulose-based enamel in blue colour RAL 5010.

## THREADED BUSHING

Black coated steel.

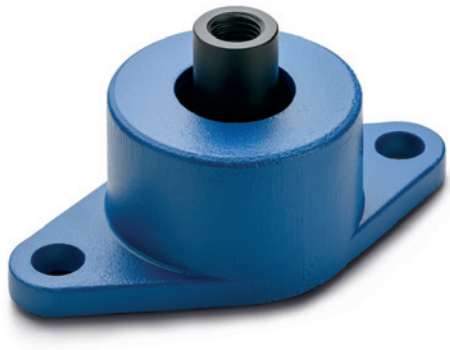
## VIBRATION-DAMPER BODY

NBR rubber.
Hardness 30, 50, 60 Shore A ±5.

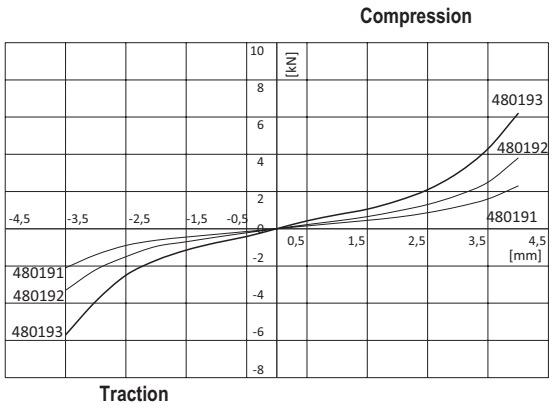
## FEATURES AND APPLICATIONS

They are generally used for isolating strong vibrations, where axial holding force and resistance to compression is required.
Vibrations can cause:
- malfunctioning and reduction of the machine lifespan and/or of the adjacent ones;
- damage to health;
- noise.

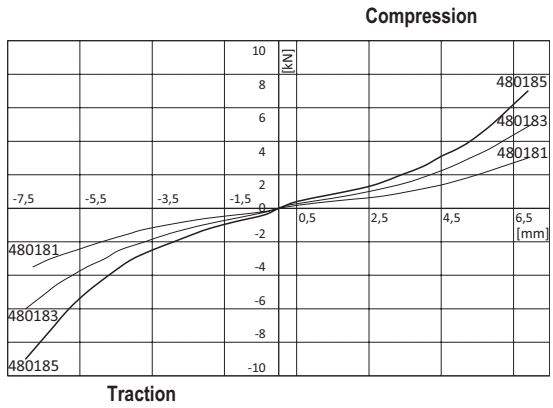
They are particularly suitable for use with machine tools, presses for moulding plastics materials, special machines and shock absorption.
See High performance vibration dampers - Characteristics and selection criteria (on page -).
The deflection curves shown in the graph were obtained through static experimental tests adopting average values. !da duplicazione!
Actual values may differ by approximately ±10% from those shown in the graph.



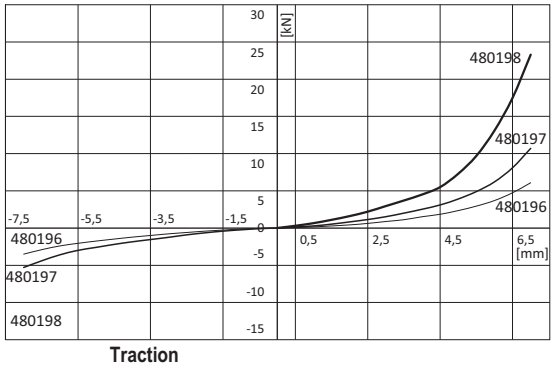
**AVG-50**




**AVG-75**




**AVG-90**



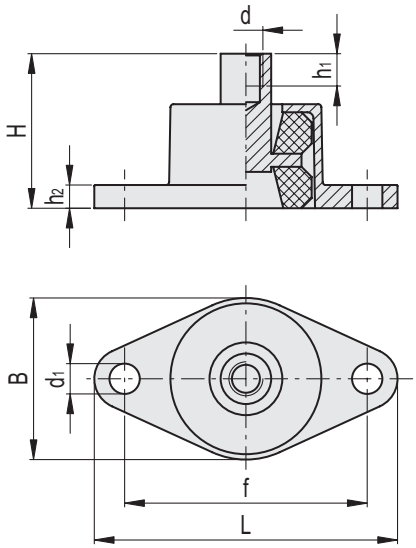



elesa 11/2025

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| Description | Resistance to compression | | | | Axial holding force | | | |
|---|---|---|---|---|---|---|---|---|
| | Min load [N] | Max load [N] | Min deflection [mm] | Max. deflection [mm] | Min load [N] | Max load [N] | Min deflection [mm] | Max. deflection [mm] |
| AVG-50-30 | 300 | 1600 | 1 | 3.5 | 300 | 1400 | 1 | 3 |
| AVG-50-50 | 450 | 2580 | 1 | 3.5 | 450 | 2200 | 1 | 3 |
| AVG-50-60 | 750 | 4300 | 1 | 3.5 | 750 | 3900 | 1 | 3 |
| AVG-75-30 | 400 | 2500 | 1 | 6 | 400 | 2700 | 1 | 6 |
| AVG-75-50 | 600 | 4000 | 1 | 6 | 600 | 4500 | 1 | 6 |
| AVG-75-60 | 800 | 5000 | 1 | 6 | 800 | 6500 | 1 | 6 |
| AVG-90-30 | 140 | 4800 | 1 | 6.5 | 140 | 2900 | 1 | 6.5 |
| AVG-90-50 | 240 | 8100 | 1 | 6.5 | 240 | 4400 | 1 | 6.5 |
| AVG-90-60 | 500 | 17500 | 1 | 6.5 | 500 | 8800 | 1 | 6.5 |

The min. load is the value below which the vibration damper is not able to isolate the vibrations as it would be too rigid.
The max load is the value beyond which some type of failure may occur that compromises the functionality of the vibration damper.
The min. deflection is the crushing of the vibration-damping support corresponding to the min. load.
The max. deflection is the crushing of the vibration-damping support corresponding to the max. load.




**Conversion Table**
*1 mm = 0.039 inch*

| mm | inch |
|---|---|
| 114 | **4.45** |
| 150 | **5.85** |
| 168 | **6.55** |

METRIC

| Code | Description | B | L | H | d | d1 | h1 | h2 | f | Shore A | ⚖ |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 480191 | AVG-50-30 | 70 | 114 | 50 | M12 | 11 | 15 | 6 | 94 | 30 | 340 |
| 480192 | AVG-50-50 | 70 | 114 | 50 | M12 | 11 | 15 | 6 | 94 | 50 | 340 |
| 480193 | AVG-50-60 | 70 | 114 | 50 | M12 | 11 | 15 | 6 | 94 | 60 | 340 |
| 480181 | AVG-75-30 | 80 | 150 | 75 | M16 | 15 | 16 | 10 | 120 | 30 | 650 |
| 480183 | AVG-75-50 | 80 | 150 | 75 | M16 | 15 | 16 | 10 | 120 | 50 | 650 |
| 480185 | AVG-75-60 | 80 | 150 | 75 | M16 | 15 | 16 | 10 | 120 | 60 | 650 |
| 480196 | AVG-90-30 | 110 | 168 | 90 | M24 | 17 | 30 | 12 | 138 | 30 | 1600 |
| 480197 | AVG-90-50 | 110 | 168 | 90 | M24 | 17 | 30 | 12 | 138 | 50 | 1600 |
| 480198 | AVG-90-60 | 110 | 168 | 90 | M24 | 17 | 30 | 12 | 138 | 60 | 1600 |



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