






# Isotop MSN-DAMP

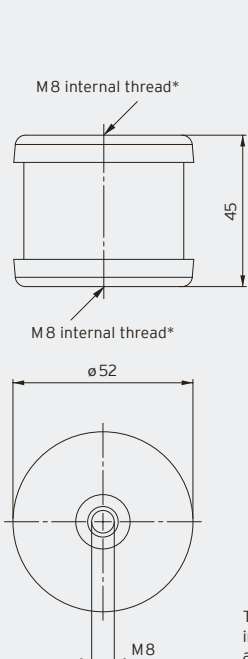
Vibration damper with metal caps and threaded fastening

- Natural frequency from 8.2Hz
- Low overall height of 45 mm (T/T version)
- 37.5 mm Sylomer<sup>®</sup> inside
- Cathodic dip-coated (CDC) metal caps for increased corrosion protection
- Secure connection between the plate and the polyurethane damper thanks to special adhesive
- M8 internal thread and/or M8 stud bolts for easy screw-fixing
- Available in three different attachment options

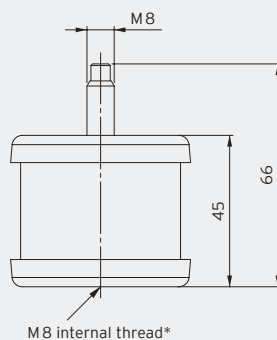
|  |                         | Maximum load |      | Natural frequency at maximum load | Packaging unit | Order number |
|--|-------------------------|--------------|------|-----------------------------------|----------------|--------------|
|  |                         | in kg        | in N |                                   |                |              |
| <br><b>MSN-DAMP T/T</b>   | Isotop MSN-DAMP-70 T/T  | 7            | 68   | 8.9Hz                             | OR             | <b>OR</b>    |
|  | Isotop MSN-DAMP-110 T/T | 11           | 107  | 11.1Hz                            | 50 pcs.        | <b>39501</b> |
|  | Isotop MSN-DAMP-170 T/T | 21           | 206  | 9.1Hz                             | 50 pcs.        | <b>39502</b> |
|  | Isotop MSN-DAMP-280 T/T | 31           | 304  | 8.2Hz                             | OR             | <b>OR</b>    |
|  | Isotop MSN-DAMP-350 T/T | 37           | 362  | 8.5Hz                             | 50 pcs.        | <b>39503</b> |
| <br><b>MSN-DAMP B/T</b> | Isotop MSN-DAMP-70 B/T  | 7            | 68   | 8.9Hz                             | OR             | <b>OR</b>    |
|  | Isotop MSN-DAMP-110 B/T | 11           | 107  | 11.1Hz                            | 50 pcs.        | <b>41715</b> |
|  | Isotop MSN-DAMP-170 B/T | 21           | 206  | 9.1Hz                             | 50 pcs.        | <b>41716</b> |
|  | Isotop MSN-DAMP-280 B/T | 31           | 304  | 8.2Hz                             | OR             | <b>OR</b>    |
|  | Isotop MSN-DAMP-350 B/T | 37           | 362  | 8.5Hz                             | 50 pcs.        | <b>41717</b> |
| <br><b>MSN-DAMP B/B</b> | Isotop MSN-DAMP-70 B/B  | 7            | 68   | 8.9Hz                             | OR             | <b>OR</b>    |
|  | Isotop MSN-DAMP-110 B/B | 11           | 107  | 11.1Hz                            | 50 pcs.        | <b>41720</b> |
|  | Isotop MSN-DAMP-170 B/B | 21           | 206  | 9.1Hz                             | 50 pcs.        | <b>41721</b> |
|  | Isotop MSN-DAMP-280 B/B | 31           | 304  | 8.2Hz                             | OR             | <b>OR</b>    |
|  | Isotop MSN-DAMP-350 B/B | 37           | 362  | 8.5Hz                             | 50 pcs.        | <b>41722</b> |

OR ... On request

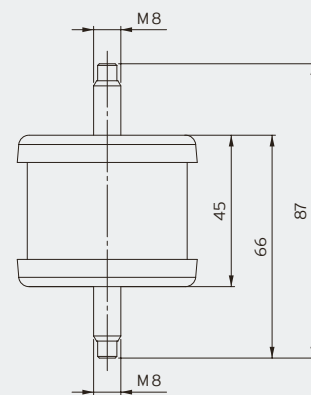
Isotop MSN-DAMP T/T (unloaded)



Isotop MSN-DAMP B/T (unloaded)



Isotop MSN-DAMP B/B (unloaded)



Thread reach into the internal thread max. approx. 15 mm



Bearing of a reciprocating compressor with Isotop MSN-DAMP

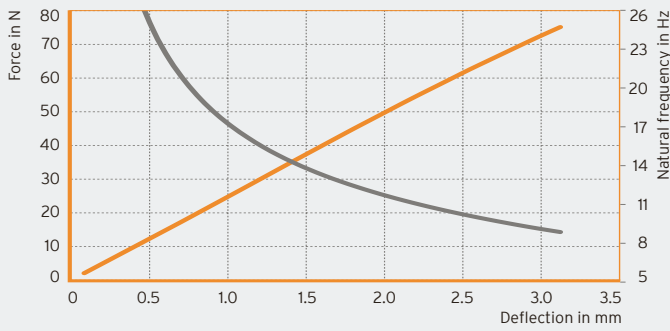


Bearing of a compressor assembly on an internal frame

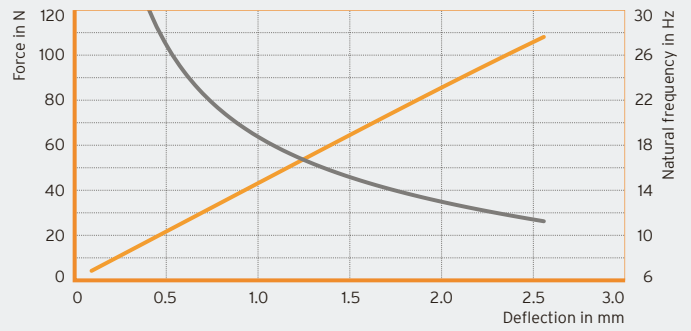


Compressor bearing concept with Sylomer® CGR and Isotop MSN-DAMP

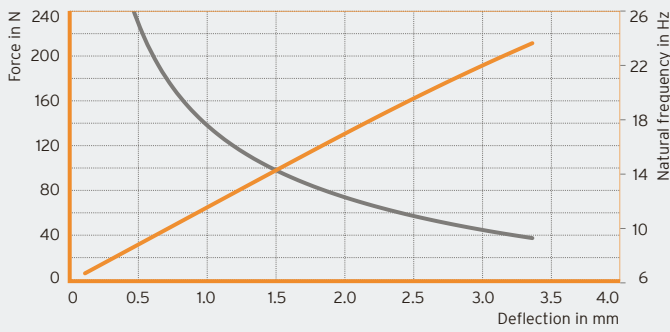
**Isotop MSN-DAMP 70**



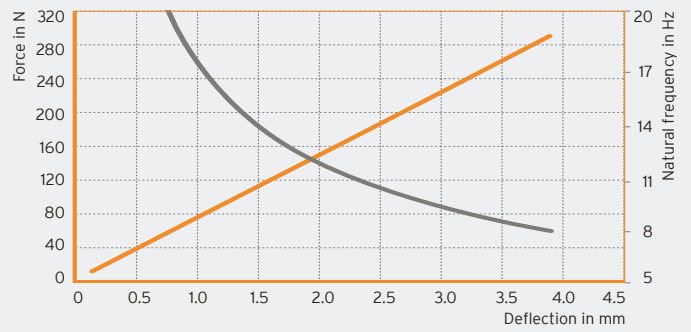
**Isotop MSN-DAMP 110**



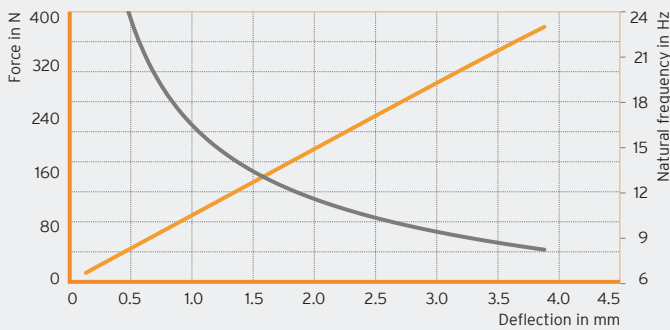
**Isotop MSN-DAMP 170**



**Isotop MSN-DAMP 280**



**Isotop MSN-DAMP 350**



— Force in N  
— Natural frequency in Hz

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