

Round Vibration Proof Rubber

PTM Series

Versatility and low cost.



Feature

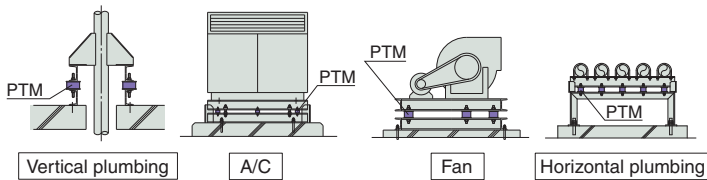
Wide load range Multiple use and low cost

- Simple structure. High performance of vibration control.
- Compatible with wide range of vibration proof, from lightweight to heavy weight equipment.
- Suitable for outdoor use as this equipment is made by weather resistance rubber.

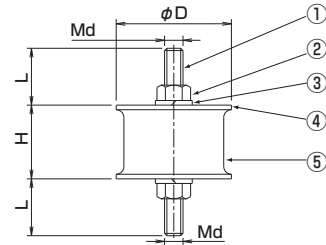
Applications

Floor type vibration proof rubber for pump, A/C, fan, electric motor, compressor, vertical/horizontal plumbing. The most basic type of vibration proof rubber. Usually, this rubber is found between upper and lower steel frame.

Typical applications



Structure



| No. | Parts | Material | No. | Parts | Material |
|-----|-----------------|----------|-----|----------------|------------------|
| ① | Attachment bolt | SS400 | ④ | Metal fittings | SS400 |
| ② | Attachment nut | SS400 | ⑤ | Rubber body | CR (chloroprene) |
| ③ | Spring washer | SWRH | | | |

● The metal component is covered by electrolytic zinc-coated

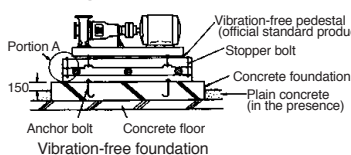
Dimension/performance

| Type | Body dimensions (mm) | | | | Static spring constant N/mm (kgf/mm) | Load range of usage N (kgf) | Natural frequency Hz |
|----------|----------------------|----|----|-----|---|--------------------------------|-------------------------|
| | D | H | L | Md | | | |
| PTM - 01 | 20 | 15 | 18 | M6 | 167 (17) | 98~245 (10~25) | 23~15 |
| PTM - 02 | 25 | 18 | 18 | M6 | 164 (17) | 196~392 (20~40) | 17~12 |
| PTM - 04 | 35 | 26 | 23 | M8 | 181 (18) | 294~735 (30~75) | 14~8.9 |
| PTM - 06 | 45 | 34 | 23 | M8 | 202 (21) | 588~1079 (60~110) | 11~7.8 |
| PTM - 08 | 55 | 40 | 32 | M10 | 290 (30) | 785~1716 (80~175) | 11~7.4 |
| PTM - 09 | 66 | 34 | 37 | M12 | 647 (66) | 1373~3138 (140~320) | 12~8.2 |
| PTM - 10 | 76 | 41 | 37 | M12 | 612 (62) | 2550~3923 (260~400) | 8.8~7.1 |
| PTM - 11 | 91 | 49 | 37 | M12 | 689 (70) | 3138~5394 (320~550) | 8.4~6.4 |
| PTM - 12 | 112 | 66 | 47 | M16 | 842 (86) | 4413~9316 (450~950) | 7.8~5.4 |
| PTM - 13 | 152 | 69 | 52 | M20 | 1821 (186) | 7845~19613 (800~2000) | 8.7~5.5 |

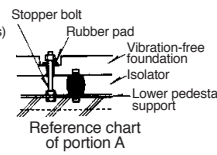
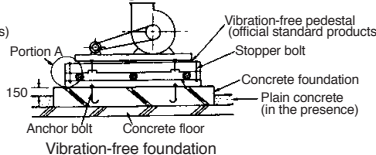
Dynamic spring constant of vibration control rubber is 1.3 times higher than that of a static one.

The excerpt from standard drawing of public construction equipment

(a) Pump



(b) Centrifugal fan



Handling instructions

- Please note that the product must be avoided adhesion such as strong acid, strong alkali, organic solvent, fat and oil.
- Rubber needs to be attached as equalized loading toward the vertical and compression direction.
- The product must be protected from spark like welding.

This brochure may be revised without prior notice. We apologize in advance for any inconvenience this may cause.

Agent

TOZEN Corporation
8-4, Asahi, Yoshikawa
Saitama 342-0008 Japan

