

## Round Vibration Proof Rubber

# PTM Series

Versatility and low cost.



### Feature

#### Wide load range

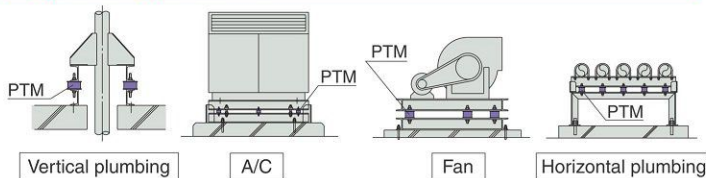
#### Multiple use and low cost

- 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.

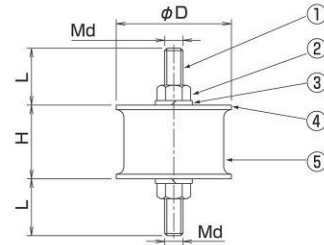
### Applications

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

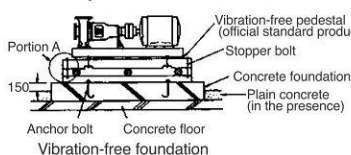
### Dimension/performance

| Type     | Body dimensions (mm) |    |    |     | Static spring constant<br>N/mm (kgf/mm) | Load range of usage<br>N (kgf) | Natural frequency<br>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                 |

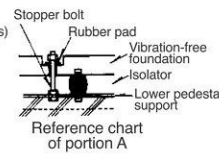
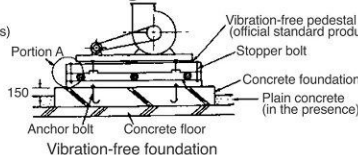
Dynamic spring constant of vibration control rubber is 1.3 times higher than that of a static one.

### 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

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