

# RINGS AND BUSHINGS

Natural frequency : (1)  
6 to 28 Hz



## DESCRIPTION

These all elastomer parts are compatible with the majority of the industrial environments and have an operating temperature range of - 40°C to + 83°C.

## OPERATION

A ring assembled with the associated bushing constitutes a flexible interface and a simple solution to decrease noise and vibrations.

- These supports can be installed in parallel for a greater load capacity and may also be stacked in series when greater deflection capacity is required.
- Bushings can be used in pairs, bushing end to bushing end, without rings for a more robust installation or where the structure thickness does not allow for a standard ring and bushing assembly.

### Advantages

- Highly efficient noise reduction,
- Absorb shock and vibrations,
- Simple and economic,
- Four models in four stiffnesses for load capacities going from 0.5 to 160 kg per isolator.

## APPLICATIONS

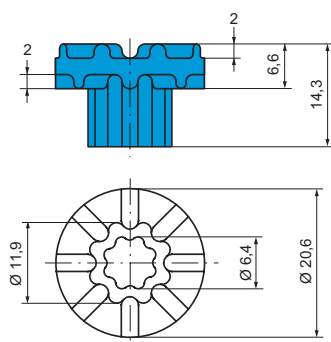
- Office machines, motors, fans, HVAC equipment, electronics equipment, telecommunication equipment; etc.

1) the indicated natural frequency, are valid for the maxi loads of the ranges of use quoted in the paragraph : TECHNICAL CHARACTERISTICS.

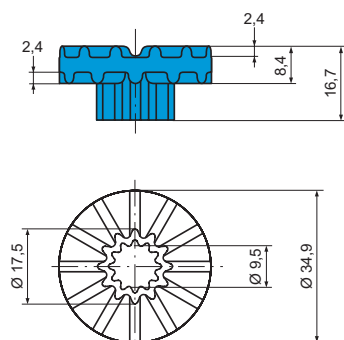
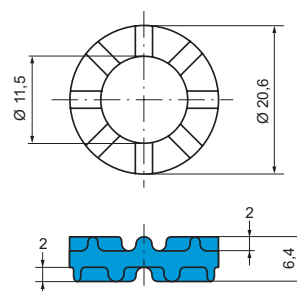
# DIMENSIONS CHARACTERISTICS

Rings

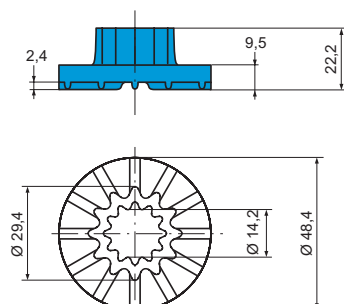
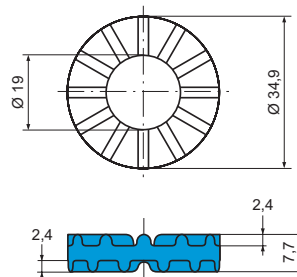
Bushings



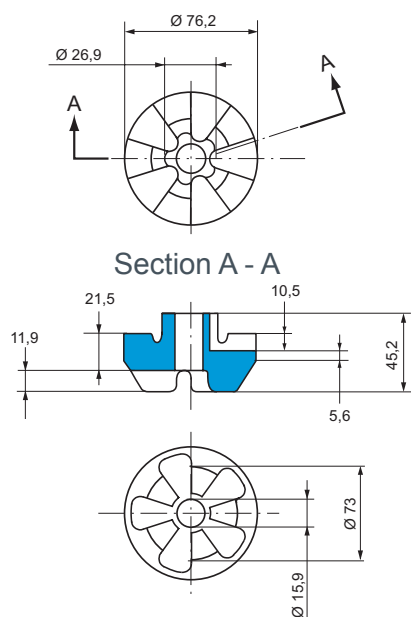
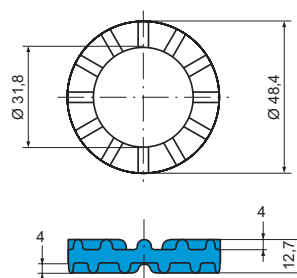
Shape 1



Shape 2

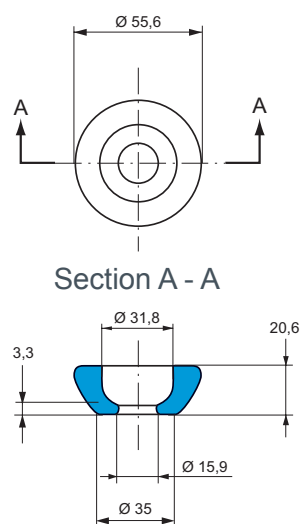


Shape 3



Section A - A

Shape 4



Section A - A

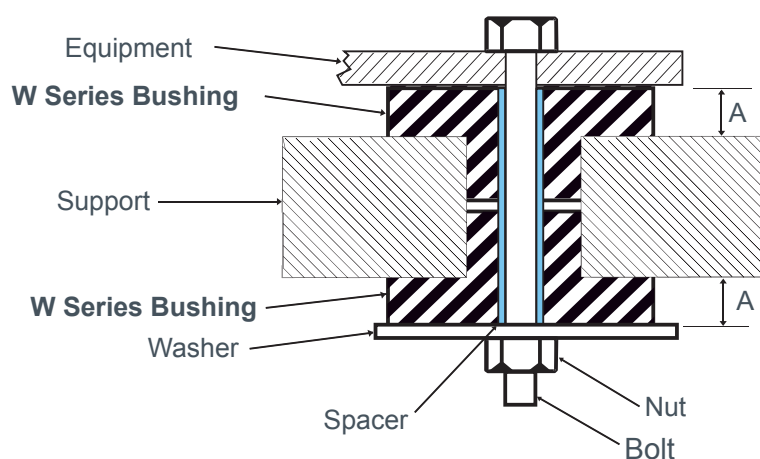
# OPERATING CHARACTERISTICS

| Group Paulstra reference<br>Barry Controls* reference |                      | Colour | Shape | Load range |            |
|-------------------------------------------------------|----------------------|--------|-------|------------|------------|
| Brushings                                             | Rings                |        |       | Min. (daN) | Max. (daN) |
| 530907 13<br>WB1-030                                  | 530908 13<br>WR1-030 | blue   | 1     | 0,4        | 1,8        |
| 530907 14<br>WB1-040                                  | 530908 14<br>WR1-040 | brown  | 1     | 0,9        | 2,7        |
| 530907 15<br>WB1-050                                  | 530908 15<br>WR1-050 | black  | 1     | 1,4        | 3,6        |
| 530907 16<br>WB1-060                                  | 530908 16<br>WR1-060 | grey   | 1     | 2,3        | 5,4        |
| 530907 43<br>WB4-030                                  | 530908 43<br>WR4-030 | blue   | 3     | 4,5        | 16         |
| 530907 44<br>WB4-040                                  | 530908 44<br>WR4-040 | brown  | 3     | 9          | 23         |
| 530907 45<br>WB4-050                                  | 530908 45<br>WR4-050 | black  | 3     | 13,6       | 27         |
| 530907 46<br>WB4-060                                  | 530908 46<br>WR4-060 | grey   | 3     | 18         | 74         |

| Group Paulstra reference<br>Barry Controls* reference |                      | Colour | Shape | Load range |            |
|-------------------------------------------------------|----------------------|--------|-------|------------|------------|
| Brushings                                             | Rings                |        |       | Min. (daN) | Max. (daN) |
| 530907 33<br>WB3-030                                  | 530908 33<br>WR3-030 | blue   | 2     | 2,7        | 9          |
| 530907 34<br>WB3-040                                  | 530908 34<br>WR3-040 | brown  | 2     | 3,2        | 10,7       |
| 530907 35<br>WB3-050                                  | 530908 35<br>WR3-050 | black  | 2     | 4,5        | 11,4       |
| 530907 36<br>WB3-060                                  | 530908 36<br>WR3-060 | grey   | 2     | 6,8        | 16         |
| 530907 63<br>WB6-030                                  | 530908 63<br>WR6-030 | blue   | 4     | 27         | 55         |
| 530907 64<br>WB6-040                                  | 530908 64<br>WR6-040 | brown  | 4     | 50         | 73         |
| 530907 65<br>WB6-050                                  | 530908 65<br>WR6-050 | black  | 4     | 61         | 114        |
| 530907 66<br>WB6-060                                  | 530908 66<br>WR6-060 | grey   | 4     | 73         | 159        |

\* Barry Controls part numbers are given as a reference only

## ASSEMBLY



| Dimensions (mm) |       |      |
|-----------------|-------|------|
| Reference       | A     | B    |
| 530907 1x       | 5,8   | -    |
| 530908 1x       | -     | 5,8  |
| 530907 3x       | 7,6   | -    |
| 530908 3x       | -     | 7,6  |
| 530907 4x       | 8,4   | -    |
| 530908 4x       | -     | 11,4 |
| 530907 6x       | 31,75 | -    |
| 530908 6*       | -     | 19,1 |