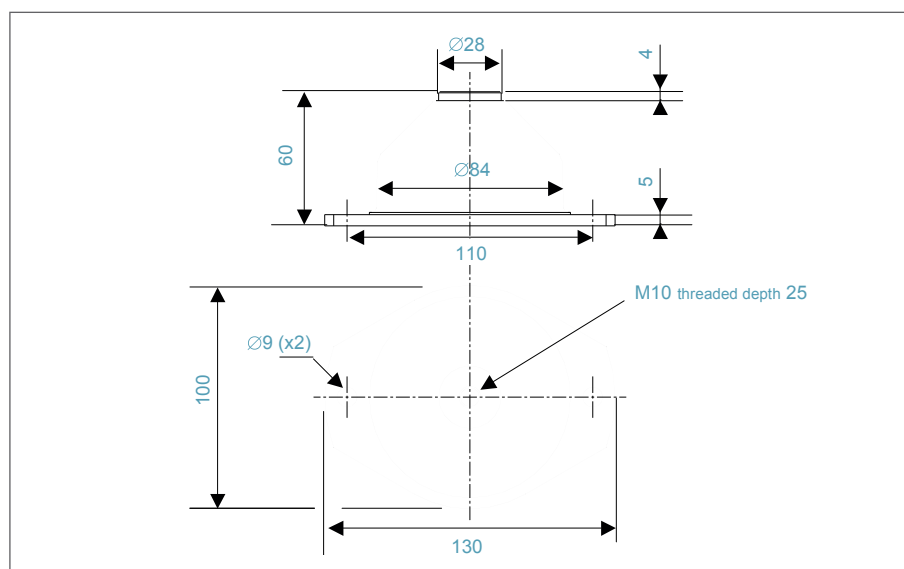


# LOW FREQUENCY ELASTOMER MOUNTS: **BF** DEFINITION **series BFB**



- Multidirectional anti-vibration/shock mounts.
- Displacement under shock up to 30mm.
- Transmissibility :  $Q < 6$ .
- Maximum static loading 3g.
- Resonant frequency between 8 and 14Hz (\*).
- Max peak output at resonance up to 1.25mm.
- Temperature range:  $-30^{\circ}\text{C}$   $+100^{\circ}\text{C}$ .
- Great adaptability / versatility.

**SPECIALS ON REQUEST**  
(materials, size and interfaces, etc.).

Dimensions are in mm. For reference only.

| SERIE                                                          |
|----------------------------------------------------------------|
| Materials and finishes                                         |
| <b>BFB</b>                                                     |
| <b>Elastomer:</b><br>polychloroprene                           |
| <b>Top and bottom interfaces:</b><br>corrosion protected steel |
| Other materials on request                                     |

| LOAD       | static load (daN) |      | axial stiffness       | mass |
|------------|-------------------|------|-----------------------|------|
| capability | mini              | maxi | (N.mm <sup>-1</sup> ) | (kg) |
| 1          | 15                | 45   | 85                    | 0,60 |
| 2          | 30                | 70   | 145                   |      |
| 3          | 50                | 120  | 250                   |      |
|            |                   |      |                       |      |
|            |                   |      |                       |      |
|            |                   |      |                       |      |
|            |                   |      |                       |      |
|            |                   |      |                       |      |
|            |                   |      |                       |      |

EXAMPLE  
BFB2

|   |   |   |   |
|---|---|---|---|
| B | F | B | 2 |
|---|---|---|---|

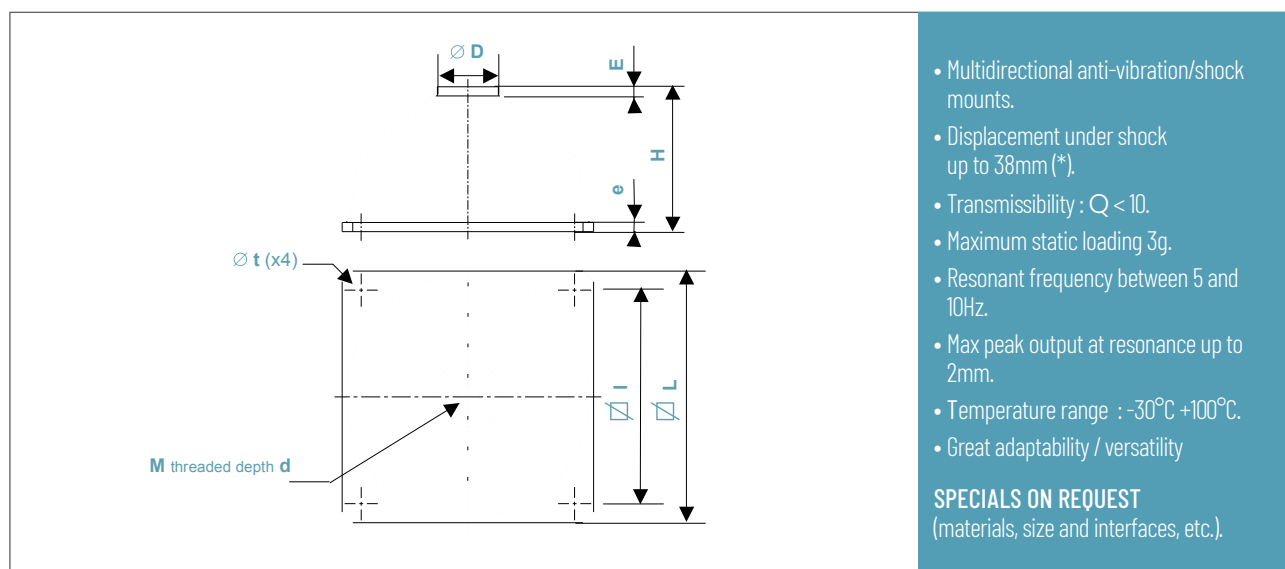
**PREFIX:**  
'low frequency' mount  
from the **BFB** series

**MODEL: 2**  
min static load: 30 daN  
max static load: 70 daN  
axial average stiffness:  
145 N.mm<sup>-1</sup>



(\*) Note: Resonant frequency between 6 and 12Hz along radial direction.

# LOW FREQUENCY ELASTOMER MOUNTS: **BF** DEFINITION **series BFC**



Dimensions are in mm. For reference only.

| SERIE                                                                                                                                    | DIMENSIONS & LOAD |     |     |     |    |    |   |      |     |    | static load (daN) |      | axial stiffness       | mass |
|------------------------------------------------------------------------------------------------------------------------------------------|-------------------|-----|-----|-----|----|----|---|------|-----|----|-------------------|------|-----------------------|------|
|                                                                                                                                          | model             | H   | L   | I   | e  | D  | E | t    | M   | d  | mini              | maxi | (N.mm <sup>-1</sup> ) | (kg) |
| <b>BFC</b><br>Elastomer:<br>polychloroprene<br>Top and bottom interfaces:<br>corrosion protected steel<br><br>Other materials on request | -11               | 95  | 165 | 138 | 6  | 50 | 5 | 13   | M16 | 30 | 30                | 100  | 85                    | 2,0  |
|                                                                                                                                          | -12               |     |     |     |    |    |   |      |     |    | 40                | 140  | 120                   |      |
|                                                                                                                                          | -13               |     |     |     |    |    |   |      |     |    | 50                | 180  | 150                   |      |
|                                                                                                                                          | -14               |     |     |     |    |    |   |      |     |    | 70                | 240  | 210                   |      |
|                                                                                                                                          | -15               |     |     |     |    |    |   |      |     |    | 100               | 380  | 310                   |      |
|                                                                                                                                          | -16               |     |     |     |    |    |   |      |     |    | 150               | 500  | 470                   |      |
|                                                                                                                                          | -27               | 113 | 220 | 180 | 10 | 76 | 2 | 17,5 | M30 | 46 | 180               | 700  | 600                   | 9,0  |
|                                                                                                                                          | -28               |     |     |     |    |    |   |      |     |    | 220               | 900  | 800                   |      |
|                                                                                                                                          | -29               |     |     |     |    |    |   |      |     |    | 300               | 1200 | 1100                  |      |

EXAMPLE  
BFC-15

|   |   |   |   |   |   |
|---|---|---|---|---|---|
| B | F | C | - | 1 | 5 |
|---|---|---|---|---|---|

**PREFIX:**  
'low frequency' mount  
from the **BFC** series

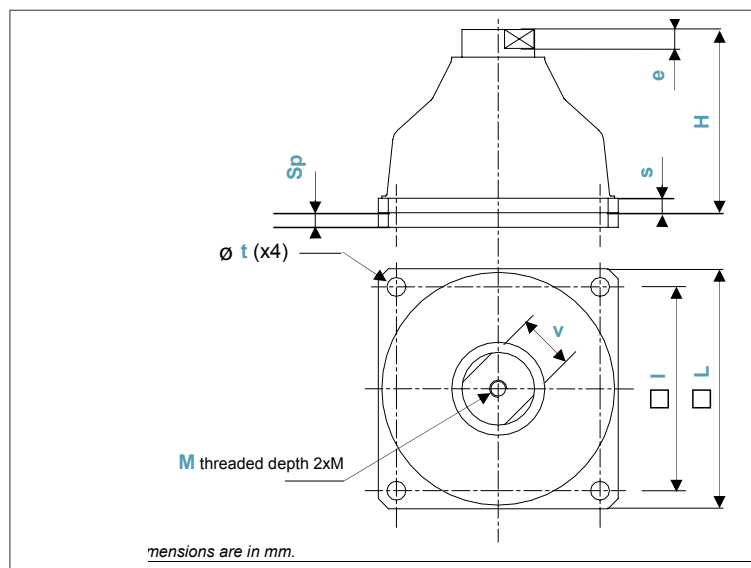
**MODEL: -15**  
height: 95mm  
width: 165mm  
interface: M16  
min static load: 100 daN  
max static load: 380 daN  
axial stiffness: 310 N.mm<sup>-1</sup>



(\*) Note: Displacement on radial direction limited to 15mm under shock for model -27, -28 & -29

# LOW FREQUENCY ELASTOMER MOUNTS: **BF**

DEFINITION  
**series BF45**



- Multidirectional anti-vibration/shock mounts.
- Displacement under shock from 45 to 70mm.
- Transmissibility :  $Q < 10$ .
- Resonant frequency 6Hz for normal load.
- Temperature range:  $-30^{\circ}\text{C}$   $+90^{\circ}\text{C}$ .
- Great adaptability / versatility.

## SPECIALS ON REQUEST

(materials, size and interfaces, etc.).

Dimensions are in mm. For reference only.

| SERIE                                                                                                                                                                                    | DIMENSIONS & LOAD |     |     |     |    |    |    |     |    |                   | nom. load<br>(daN) | axial stiffness<br>(N.mm <sup>-1</sup> ) | mass<br>(kg)          |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|-----|-----|-----|----|----|----|-----|----|-------------------|--------------------|------------------------------------------|-----------------------|
| Materials and finishes                                                                                                                                                                   | model             | H   | L   | I   | e  | v  | t  | M   | s  | Sp                |                    |                                          |                       |
| <b>BF45</b><br><b>Elastomer:</b><br>polychloroprene<br><b>Top and bottom interfaces:</b><br>salt fog anti corrosion paint<br>or<br>Zinc-Coated Metal Parts<br>Other materials on request | -30               | 100 | 150 | 114 | 10 | 27 | 9  | M10 | 5  | -<br>(10)<br>(25) | 30                 | 25                                       | 1,2<br>(2,3)<br>(3,5) |
|                                                                                                                                                                                          | -45               |     |     |     |    |    |    |     |    |                   | 45                 | 35                                       |                       |
|                                                                                                                                                                                          | -60               |     |     |     |    |    |    |     |    |                   | 60                 | 50                                       |                       |
|                                                                                                                                                                                          | -85               |     |     |     |    |    |    |     |    |                   | 85                 | 65                                       |                       |
|                                                                                                                                                                                          | -110              |     |     |     |    |    |    |     |    |                   | 110                | 85                                       |                       |
|                                                                                                                                                                                          | -130              |     |     |     |    |    |    |     |    |                   | 130                | 100                                      |                       |
|                                                                                                                                                                                          | -170              | 126 | 165 | 140 | 13 | 41 | 13 | M20 | 10 | -<br>(5)<br>(15)  | 170                | 130                                      | 3,4<br>(3,8)<br>(4,7) |
|                                                                                                                                                                                          | -230              |     |     |     |    |    |    |     |    |                   | 230                | 175                                      |                       |
|                                                                                                                                                                                          | -320              |     |     |     |    |    |    |     |    |                   | 320                | 230                                      |                       |
|                                                                                                                                                                                          | -425              |     |     |     |    |    |    |     |    |                   | 425                | 230                                      |                       |
|                                                                                                                                                                                          | -500              | 154 | 250 | 210 | 14 | 41 | 18 | M24 | 15 | -                 | 500                | 400                                      | 12,5                  |
|                                                                                                                                                                                          | -625              |     |     |     |    |    |    |     |    |                   | 625                | 500                                      |                       |
|                                                                                                                                                                                          | -800              |     |     |     |    |    |    |     |    |                   | 800                | 650                                      |                       |
|                                                                                                                                                                                          | -1080             |     |     |     |    |    |    |     |    |                   | 1080               | 840                                      |                       |

EXAMPLE  
BF45-230e15

|   |   |   |   |   |   |   |   |   |   |   |
|---|---|---|---|---|---|---|---|---|---|---|
| B | F | 4 | 5 | - | 2 | 3 | 0 | e | 1 | 5 |
|---|---|---|---|---|---|---|---|---|---|---|

SPACER: e15  
thickness: 15mm

**PREFIX:**  
'low frequency' mount from  
the BF45 series

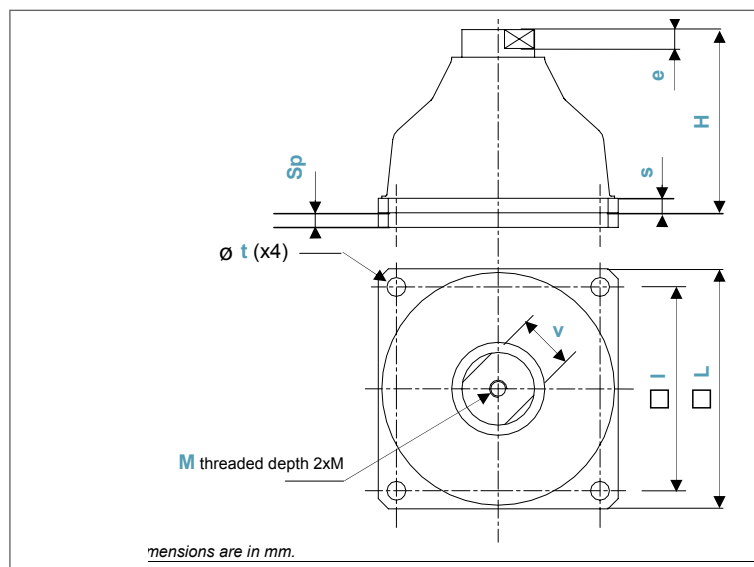
**MODEL: -230**  
height: 126mm  
width: 165mm  
interface: M20

nom. load: 230 daN  
axial average stiffness:  
175 N.mm<sup>-1</sup>



# LOW FREQUENCY ELASTOMER MOUNTS: **BF** series **BFN45**

DEFINITION



- Multidirectional anti-vibration/shock mounts.
- Displacement under shock from 45 to 55mm.
- Transmissibility :  $Q < 10$ .
- Resonant frequency 5 Hz for nominal load.
- Temperature range :  $-30^{\circ}\text{C}$   $+70^{\circ}\text{C}$ .
- Great adaptability / versatility.

## SPECIALS ON REQUEST

(materials, size and interfaces, etc.).

Dimensions are in mm. For reference only.

| SERIE                                                                                                                              | DIMENSIONS & LOAD |     |     |     |    |    |    |     |    |           |      | nom. load<br>(daN) | axial stiffness<br>(N.mm <sup>-1</sup> ) | mass<br>(kg) |
|------------------------------------------------------------------------------------------------------------------------------------|-------------------|-----|-----|-----|----|----|----|-----|----|-----------|------|--------------------|------------------------------------------|--------------|
| Materials and finishes                                                                                                             | model             | H   | L   | I   | e  | v  | t  | M   | s  | Sp        |      |                    |                                          |              |
| BFN45<br>Elastomer:<br>natural rubber<br>Top and bottom interfaces:<br>salt fog anti corrosion paint<br>Other materials on request | -30               | 100 | 150 | 114 | 10 | 27 | 9  | M10 | 5  | -<br>(10) | 30   | 25                 | 1,2<br>(2,3)                             |              |
|                                                                                                                                    | -45               |     |     |     |    |    |    |     |    |           | 45   | 40                 |                                          |              |
|                                                                                                                                    | -60               |     |     |     |    |    |    |     |    |           | 60   | 50                 |                                          |              |
|                                                                                                                                    | -85               |     |     |     |    |    |    |     |    |           | 85   | 65                 |                                          |              |
|                                                                                                                                    | -110              |     |     |     |    |    |    |     |    |           | 110  | 85                 |                                          |              |
|                                                                                                                                    | -130              |     |     |     |    |    |    |     |    |           | 130  | 100                |                                          |              |
|                                                                                                                                    | -170              | 126 | 165 | 140 | 13 | 41 | 13 | M20 | 10 | -<br>(5)  | 170  | 130                | 3,4<br>(3,8)                             |              |
|                                                                                                                                    | -230              |     |     |     |    |    |    |     |    |           | 230  | 175                |                                          |              |
|                                                                                                                                    | -320              |     |     |     |    |    |    |     |    |           | 320  | 210                |                                          |              |
|                                                                                                                                    | -425              |     |     |     |    |    |    |     |    |           | 425  | 290                |                                          |              |
|                                                                                                                                    | -500              | 154 | 250 | 210 | 14 | 41 | 18 | M24 | 15 | -         | 500  | 400                | 12,5                                     |              |
|                                                                                                                                    | -625              |     |     |     |    |    |    |     |    |           | 625  | 500                |                                          |              |
|                                                                                                                                    | -800              |     |     |     |    |    |    |     |    |           | 800  | 650                |                                          |              |
|                                                                                                                                    | -1080             |     |     |     |    |    |    |     |    |           | 1080 | 840                |                                          |              |

EXAMPLE  
BFN45-110e10

|   |   |   |   |   |   |   |   |   |   |   |   |
|---|---|---|---|---|---|---|---|---|---|---|---|
| B | F | N | 4 | 5 | - | 1 | 1 | 0 | e | 1 | 0 |
|---|---|---|---|---|---|---|---|---|---|---|---|

SPACER: ø10  
thickness: 10mm

**PREFIX:**  
'low frequency' mount from  
the BFN45 series

**MODEL: -110**  
height: 100mm  
width: 150mm  
interface: M10

nom. load: 110 daN  
axial average stiffness:  
85 N.mm<sup>-1</sup>

