

## Bell Mount

## "HAT" TYPE



### Properties

- caps are particularly suitable for the support of small/medium equipments
- have good lateral stability and make it possible to obtain a low frequency support
- **WARNING: this model only works with compression and shear forces - caps must not be tensile stressed**

### Applications

- anti-vibration mount for small/medium loads



### Dimension Table

| ITEM  | l <sub>1</sub> | a   | b  | d <sub>1</sub> | h <sub>1</sub> | h <sub>2</sub> | d <sub>2</sub> | g   | e  | s   | l <sub>2</sub> |
|-------|----------------|-----|----|----------------|----------------|----------------|----------------|-----|----|-----|----------------|
|       | mm             | mm  | mm | mm             | mm             | mm             | mm             |     | mm | mm  | mm             |
| 27860 | 60             | 45  | 35 | 30             | 20             | 5              | 6              | M6  | 11 | 1,5 | 6              |
| 27859 | 90             | 70  | 50 | 45             | 32             | 8              | 9              | M10 | 17 | 1,5 | 16             |
| 27924 | 140            | 105 | 80 | 70             | 50             | 13             | 13             | M16 | 24 | 2   | 17             |

### Loads Table

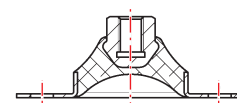
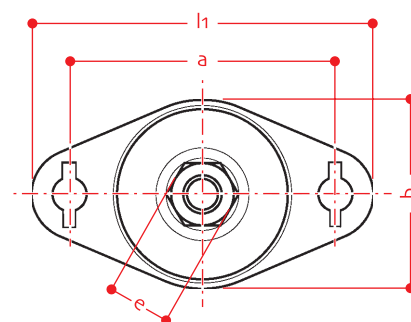
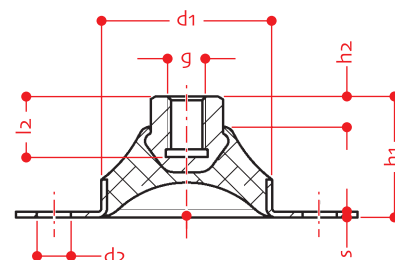
Values of SUBSIDENCE values [s] in mm and NATURAL FREQUENCY [Vc] in cycles/min according to the shape and hardness of the rubber

| ITEM  | mD - COMPRESSION forces |            |      |            |      |            |      |     | mS - SHEAR forces |      |            |      |            |      |  |  |
|-------|-------------------------|------------|------|------------|------|------------|------|-----|-------------------|------|------------|------|------------|------|--|--|
|       | kg                      | 40 shore A |      | 55 shore A |      | 65 shore A |      | kg  | 40 shore A        |      | 55 shore A |      | 65 shore A |      |  |  |
|       |                         | s          | Vc   | s          | Vc   | s          | Vc   |     | s                 | Vc   | s          | Vc   | s          | Vc   |  |  |
| 27860 | 2,5                     | 0,85       | 1030 | 0,45       | 1410 | 0,25       | 1900 | 2,5 | 0,85              | 1030 | 0,45       | 1410 | 0,25       | 1900 |  |  |
|       | 10                      | 3,80       | 450  | 1,80       | 710  | 1,10       | 900  | 10  | 3,80              | 450  | 1,80       | 710  | 1,10       | 900  |  |  |
|       | 20                      | -          | -    | 4,10       | 390  | 2,25       | 580  | 20  | -                 | -    | 4,10       | 390  | 2,25       | 580  |  |  |
|       | 25                      | -          | -    | -          | -    | 2,90       | 500  | 25  | -                 | -    | -          | -    | 2,90       | 500  |  |  |
| 27859 | 5                       | 1,1        | 900  | 0,65       | 1170 | 0,40       | 1550 | 5   | 1,1               | 900  | 0,65       | 1170 | 0,40       | 1550 |  |  |
|       | 20                      | 4,5        | 450  | 2,60       | 580  | 1,50       | 770  | 20  | 4,5               | 450  | 2,60       | 580  | 1,50       | 770  |  |  |
|       | 35                      | -          | -    | 4,70       | 420  | 2,70       | 550  | 35  | -                 | -    | 4,70       | 420  | 2,70       | 550  |  |  |
|       | 55                      | -          | -    | -          | -    | 4,60       | 390  | 55  | -                 | -    | -          | -    | 4,60       | 390  |  |  |
| 27924 | 20                      | 2,19       | 628  | 1,19       | 862  | 0,79       | 1059 | 20  | 2,19              | 628  | 1,19       | 862  | 0,79       | 1059 |  |  |
|       | 80                      | 10,01      | 264  | 5,01       | 406  | 3,28       | 503  | 80  | 10,01             | 264  | 5,01       | 406  | 3,28       | 503  |  |  |
|       | 140                     | -          | -    | 9,50       | 278  | 5,97       | 369  | 140 | -                 | -    | 9,50       | 278  | 5,97       | 369  |  |  |
|       | 220                     | -          | -    | -          | -    | 10,16      | 261  | 220 | -                 | -    | -          | -    | 10,16      | 261  |  |  |

**Code - C2CA....**

**Material - Rubber/Metal**

**Hardness - 40 ÷ 65 shore A**



ATAG reserves the right to make changes without notice, by virtue of any quality improvements and/or product specifications • nov\_18 rdb

## Bell Mount

## "BELL" type



### Item 27994

#### Properties

- bell elements are tear-proof and specifically designed for tension loads (ceiling elements)
- suitable for damping hanging loads of up to 70 Kg
- due to its particular structure the tear-proof function is also guaranteed in the event of fire

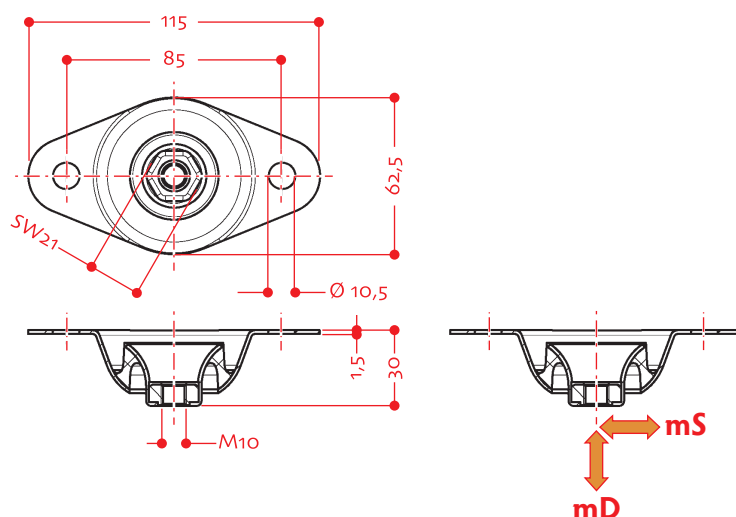
- **WARNING: this model only works with tension and shear forces**

#### Applications

- anti-vibration mount for damping hanging loads of up to 70 Kg



#### Dimension



**Code - C2CA....**

**Material - Rubber/Metal**

**Hardness - 40 ÷ 65 shore A**

#### Loads Table

Values of SUBSIDENCE values [s] in mm and NATURAL FREQUENCY [Vc] in cycles/min according to the shape and hardness of the rubber

| ITEM  | mD - TENSION forces |                 |                  |                 |                  |                 |                  | mS - SHEAR forces |                 |                  |                 |                  |                 |                  |
|-------|---------------------|-----------------|------------------|-----------------|------------------|-----------------|------------------|-------------------|-----------------|------------------|-----------------|------------------|-----------------|------------------|
|       | kg                  | 40 shore A<br>s | 40 shore A<br>Vc | 55 shore A<br>s | 55 shore A<br>Vc | 65 shore A<br>s | 65 shore A<br>Vc | kg                | 40 shore A<br>s | 40 shore A<br>Vc | 55 shore A<br>s | 55 shore A<br>Vc | 65 shore A<br>s | 65 shore A<br>Vc |
| 27994 | 5                   | 0,57            | 1250             | 0,29            | 1740             | 0,15            | 2320             | 5                 | 2,05            | 665              | 0,98            | 925              | 0,65            | 1140             |
|       | 10                  | 1,15            | 865              | 0,62            | 1170             | 0,37            | 1460             | 10                | 4,52            | 395              | 2,12            | 620              | 1,39            | 755              |
|       | 25                  | 2,74            | 570              | 1,54            | 790              | 1,02            | 920              | 25                | -               | -                | -               | -                | 4,04            | 420              |
|       | 50                  | -               | -                | 3,10            | 550              | 2,09            | 645              | -                 | -               | -                | -               | -                | -               | -                |
|       | 70                  | -               | -                | -               | -                | 2,96            | 570              | -                 | -               | -                | -               | -                | -               | -                |

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## Bell Mount

## "BELL" type



### Item 58500

#### Properties

- bell elements are tear-proof and specifically designed for tension loads (ceiling elements)
- suitable for damping hanging loads of up to 70 Kg
- due to its particular structure the tear-proof function is also guaranteed in the event of fire

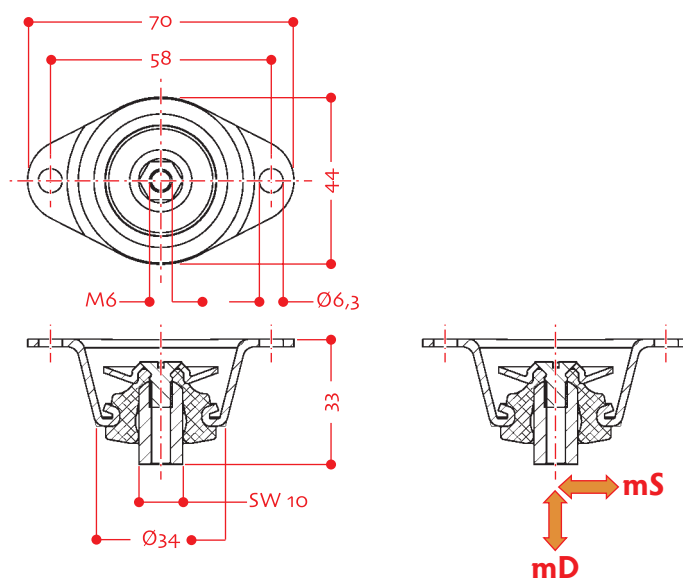
- **WARNING: this model only works with tension and shear forces**

#### Applications

- anti-vibration mount for damping hanging loads of up to 70 Kg



#### Dimension



**Code - C2CA....**

**Material - Rubber/Metal**

**Hardness - 40 ÷ 65 shore A**

#### Loads Table

Values of SUBSIDENCE values [s] in mm and NATURAL FREQUENCY [Vc] in cycles/min according to the shape and hardness of the rubber

| FORMA | mD - TENSION forces |                 |                  |                 |                  |                 |                  | mS - SHEAR forces |                 |                  |                 |                  |                 |                  |
|-------|---------------------|-----------------|------------------|-----------------|------------------|-----------------|------------------|-------------------|-----------------|------------------|-----------------|------------------|-----------------|------------------|
|       | kg                  | 40 shore A<br>s | 40 shore A<br>Vc | 55 shore A<br>s | 55 shore A<br>Vc | 65 shore A<br>s | 65 shore A<br>Vc | kg                | 40 shore A<br>s | 40 shore A<br>Vc | 55 shore A<br>s | 55 shore A<br>Vc | 65 shore A<br>s | 65 shore A<br>Vc |
| 58500 | 2                   | 0,76            | 960              | 0,38            | 1475             | 0,24            | 1871             | 2                 | 1,27            | 1003             | 0,80            | 1221             | 0,61            | 1519             |
|       | 6                   | 2,65            | 482              | 1,25            | 824              | 0,86            | 1015             | 6                 | 2,56            | 769              | 1,77            | 890              | 1,36            | 989              |
|       | 12                  | -               | -                | 2,81            | 517              | 1,77            | 679              | 12                | -               | -                | -               | -                | 2,16            | 746              |
|       | 16                  | -               | -                | 4,00            | 436              | 2,45            | 555              | -                 | -               | -                | -               | -                | -               | -                |
|       | 20                  | -               | -                | -               | -                | 3,21            | 478              | -                 | -               | -                | -               | -                | -               | -                |

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