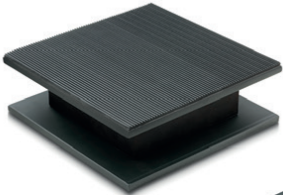
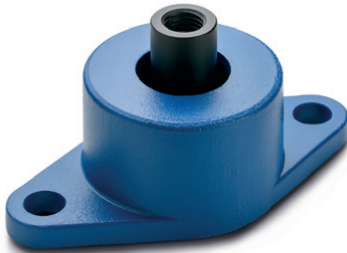
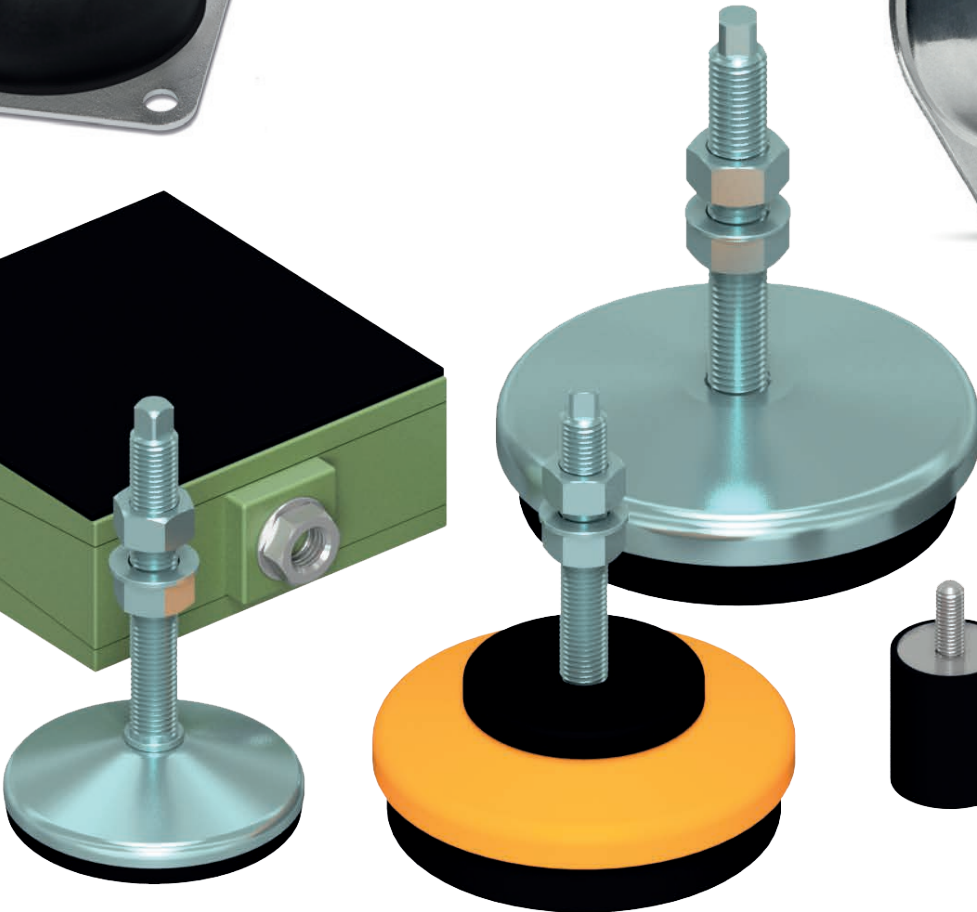
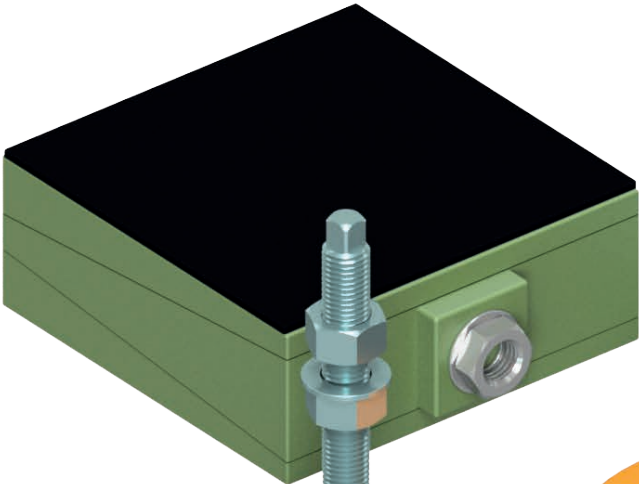
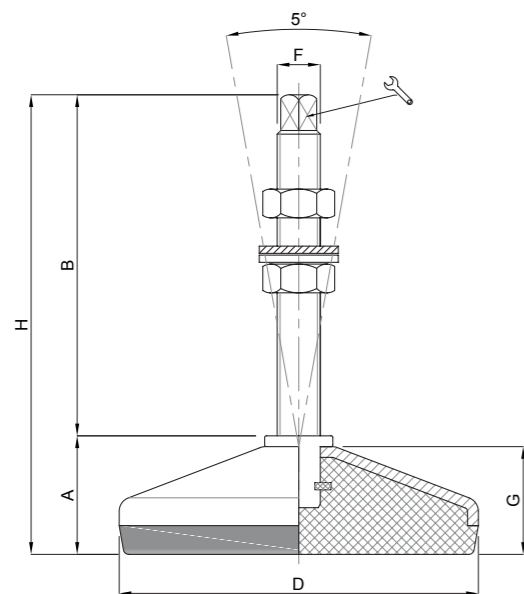


ANTI-VIBRATION ELEMENTS





| CODICE CODE | DIMENSIONI PRINCIPALI - MAIN DIMENSIONS | | | | | | | CARICO DINAMICO DYNAMIC LOAD NEWTON | CARICO STATICO STATIC LOAD NEWTON |
|----------------|---|-----|-------|----|-----|----|-----|---|---|
| | A | B | D | 🔑 | F | G | H | | |
| 28000Z | 28 | 75 | Ø 80 | 8 | M12 | 25 | 103 | 2500 | 4500 |
| 28000I | 28 | 75 | Ø 80 | 8 | M12 | 25 | 103 | 2500 | 4500 |
| 28020Z | 28 | 100 | Ø 80 | 9 | M14 | 25 | 128 | 2500 | 4500 |
| 28020I | 28 | 100 | Ø 80 | 9 | M14 | 25 | 128 | 2500 | 4500 |
| 28030Z | 31 | 75 | Ø 100 | 8 | M12 | 28 | 106 | 5000 | 9000 |
| 28030I | 31 | 75 | Ø 100 | 8 | M12 | 28 | 106 | 5000 | 9000 |
| 28040Z | 31 | 125 | Ø 100 | 9 | M14 | 28 | 156 | 5000 | 9000 |
| 28040I | 31 | 125 | Ø 100 | 9 | M14 | 28 | 156 | 5000 | 9000 |
| 28050Z | 31 | 125 | Ø 100 | 10 | M16 | 28 | 156 | 5000 | 9000 |
| 28050I | 31 | 125 | Ø 100 | 10 | M16 | 28 | 156 | 5000 | 9000 |
| 28060Z | 35 | 125 | Ø 120 | 10 | M16 | 32 | 160 | 6000 | 11000 |
| 28060I | 35 | 125 | Ø 120 | 10 | M16 | 32 | 160 | 6000 | 11000 |
| 28070Z | 35 | 125 | Ø 120 | 13 | M20 | 32 | 160 | 6000 | 11000 |
| 28070I | 35 | 125 | Ø 120 | 13 | M20 | 32 | 160 | 6000 | 11000 |
| 28080Z | 35 | 125 | Ø 120 | 16 | M24 | 32 | 160 | 6000 | 11000 |
| 28080I | 35 | 125 | Ø 120 | 16 | M24 | 32 | 160 | 6000 | 11000 |
| 28090Z | 38 | 125 | Ø 150 | 10 | M16 | 35 | 163 | 20000 | 35000 |
| 28090I | 38 | 125 | Ø 150 | 10 | M16 | 35 | 163 | 20000 | 35000 |
| 28100Z | 38 | 125 | Ø 150 | 13 | M20 | 35 | 163 | 20000 | 35000 |
| 28100I | 38 | 125 | Ø 150 | 13 | M20 | 35 | 163 | 20000 | 35000 |
| 28110Z | 38 | 125 | Ø 150 | 16 | M24 | 35 | 163 | 20000 | 35000 |
| 28110I | 38 | 125 | Ø 150 | 16 | M24 | 35 | 163 | 20000 | 35000 |

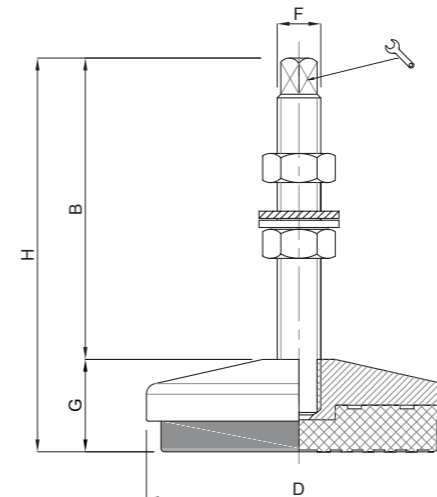
Codice Z = acciaio zincato Code Z = galvanized steel
Codice I = acciaio inossidabile Code I = stainless steel

• Materiale base: acciaio inox (AISI304) / zincato C40. Gomma vulcanizzata NBR 80 shore

• I valori dei carichi sopra riportati sono calcolati in condizioni statiche alla metà della lunghezza dello stelo filettato. Qualora s'intendesse utilizzare i supporti in presenza di vibrazioni o carichi in movimento, tali valori dovranno essere adeguatamente ridotti. Per ulteriori chiarimenti consultare il nostro ufficio tecnico. Ogni nostra responsabilità decade in caso di manomissioni o modifiche dei componenti.

• Material: stainless steel base 1.4301; galvanized steel C40. Pad: vulcanized rubber NBR 80 shore

• Load values above mentioned have to be considered referring to static conditions calculated at the half of the screw length. In conditions of vibrations or in presence of dynamic loads these values should be reduced. For further information consult our technical office. We cannot accept responsibility for mounts that have been tampered or modified



| CODICE - CODE | DIMENSIONI PRINCIPALI - MAIN DIMENSIONS | | | | | | CARICO DINAMICO DYNAMIC LOAD NEWTON | CARICO STATICO STATIC LOAD NEWTON |
|---------------|---|-------|----|-----|----|-----|---|---|
| | B | D | 🔑 | F | G | H | | |
| 13180V | 83 | Ø 84 | 8 | M12 | 30 | 113 | 3000 | 6000 |
| 13190V | 121 | Ø 104 | 9 | M14 | 34 | 155 | 6000 | 11000 |
| 13200V | 125 | Ø 120 | 10 | M16 | 37 | 162 | 7000 | 13000 |
| 13210V | 128 | Ø 140 | 10 | M16 | 45 | 173 | 8000 | 16000 |
| 13220V | 135 | Ø 160 | 13 | M20 | 45 | 180 | 12000 | 25000 |
| 13230V | 135 | Ø 180 | 13 | M20 | 45 | 180 | 17000 | 35000 |
| 13232V | 135 | Ø 230 | 16 | M24 | 55 | 190 | 25000 | 50000 |

Codice V = verniciato giallo Code V = yellow painted

| CODICE - CODE | DIMENSIONI PRINCIPALI - MAIN DIMENSIONS | | | | | | CARICO DINAMICO DYNAMIC LOAD NEWTON | CARICO STATICO STATIC LOAD NEWTON |
|---------------|---|-------|----|-----|----|-----|---|---|
| | B | D | 🔑 | F | G | H | | |
| 13240Z | 83 | Ø 84 | 8 | M12 | 30 | 113 | 3000 | 6000 |
| 13250Z | 121 | Ø 104 | 9 | M14 | 34 | 155 | 6000 | 11000 |
| 13260Z | 125 | Ø 120 | 10 | M16 | 37 | 162 | 7000 | 13000 |
| 13270Z | 128 | Ø 140 | 10 | M16 | 45 | 173 | 8000 | 16000 |
| 13280Z | 135 | Ø 160 | 13 | M20 | 45 | 180 | 12000 | 25000 |
| 13290Z | 135 | Ø 180 | 13 | M20 | 45 | 180 | 17000 | 35000 |
| 13292Z | 135 | Ø 230 | 16 | M24 | 55 | 190 | 25000 | 50000 |

Codice Z = zincato Code Z = galvanized steel

| CODICE - CODE | DIMENSIONI PRINCIPALI - MAIN DIMENSIONS | | | | | | CARICO DINAMICO DYNAMIC LOAD NEWTON | CARICO STATICO STATIC LOAD NEWTON |
|---------------|---|-------|----|-----|----|-----|---|---|
| | B | D | 🔑 | F | G | H | | |
| 13300I | 83 | Ø 84 | 8 | M12 | 30 | 113 | 3000 | 6000 |
| 13310I | 121 | Ø 104 | 9 | M14 | 34 | 155 | 6000 | 11000 |
| 13320I | 125 | Ø 120 | 10 | M16 | 37 | 162 | 7000 | 13000 |
| 13330I | 128 | Ø 140 | 10 | M16 | 45 | 173 | 8000 | 16000 |
| 13340I | 135 | Ø 160 | 13 | M20 | 45 | 180 | 12000 | 25000 |
| 13350I | 135 | Ø 180 | 13 | M20 | 45 | 180 | 17000 | 35000 |

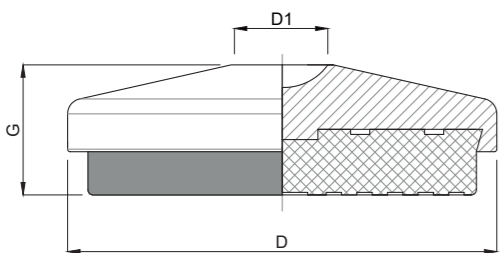
Codice I = inox Code I = stainless steel

• Materiale base: acciaio verniciato, zincato e inox (AISI 304). Materiale stelo: acciaio zincato e inox (AISI 304). Gomma NBR 80 shore

• Applicazioni: macchine utensili, presse, cesoie, macchine tipografiche, macchine di stampaggio a iniezione. Il piede di livellamento viene già fornito completo di 2 dadi, 1 rondella piana e 1 rondella dentata

• Material: yellow painted/galvanized steel (C40) /stainless steel 1.4301 base; galvanized / stainless steel screw 1.4301. Pad: rubber NBR 80 shore. The leveling is already provided with 2 nuts, 1 plain washer and 1 serrated washer.

• Application: machine tools; presses; injection molding machines; shearing machines. For higher loads, an anti-vibration pad 90 shore could be also supplied.



| CODICE - CODE | DIMENSIONI PRINCIPALI - MAIN DIMENSIONS | | | CARICO DINAMICO DYNAMIC LOAD NEWTON | CARICO STATICO STATIC LOAD NEWTON |
|---------------|---|----|----|---|---|
| | D | G | D1 | | |
| 13000V | Ø 84 | 30 | 17 | 3000 | 6000 |
| 13010V | Ø 104 | 34 | 19 | 6000 | 11000 |
| 13020V | Ø 120 | 37 | 21 | 7000 | 13000 |
| 13030V | Ø 140 | 45 | 22 | 8000 | 16000 |
| 13040V | Ø 160 | 45 | 22 | 12000 | 25000 |
| 13050V | Ø 180 | 45 | 24 | 17000 | 35000 |
| 13060V | Ø 230 | 55 | 32 | 25000 | 50000 |

Codice V = verniciato giallo Code V = yellow painted

| CODICE - CODE | DIMENSIONI PRINCIPALI - MAIN DIMENSIONS | | | CARICO DINAMICO DYNAMIC LOAD NEWTON | CARICO STATICO STATIC LOAD NEWTON |
|---------------|---|----|----|---|---|
| | D | G | D1 | | |
| 13060Z | Ø 84 | 30 | 17 | 3000 | 6000 |
| 13070Z | Ø 104 | 34 | 19 | 6000 | 11000 |
| 13080Z | Ø 120 | 37 | 21 | 7000 | 13000 |
| 13090Z | Ø 140 | 45 | 22 | 8000 | 16000 |
| 13100Z | Ø 160 | 45 | 22 | 12000 | 25000 |
| 13110Z | Ø 180 | 45 | 24 | 17000 | 35000 |
| 13120Z | Ø 230 | 55 | 32 | 25000 | 50000 |

Codice Z = zincato Code Z = galvanized steel

| CODICE - CODE | DIMENSIONI PRINCIPALI - MAIN DIMENSIONS | | | CARICO DINAMICO DYNAMIC LOAD NEWTON | CARICO STATICO STATIC LOAD NEWTON |
|---------------|---|----|----|---|---|
| | D | G | D1 | | |
| 13120I | Ø 84 | 30 | 17 | 3000 | 6000 |
| 13130I | Ø 104 | 34 | 19 | 6000 | 11000 |
| 13140I | Ø 120 | 37 | 21 | 7000 | 13000 |
| 13150I | Ø 140 | 45 | 22 | 8000 | 16000 |
| 13160I | Ø 160 | 45 | 22 | 12000 | 25000 |
| 13170I | Ø 180 | 45 | 24 | 17000 | 35000 |

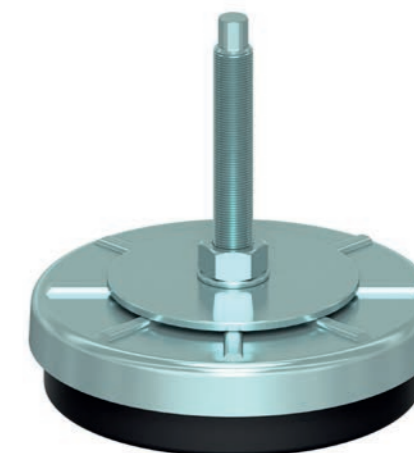
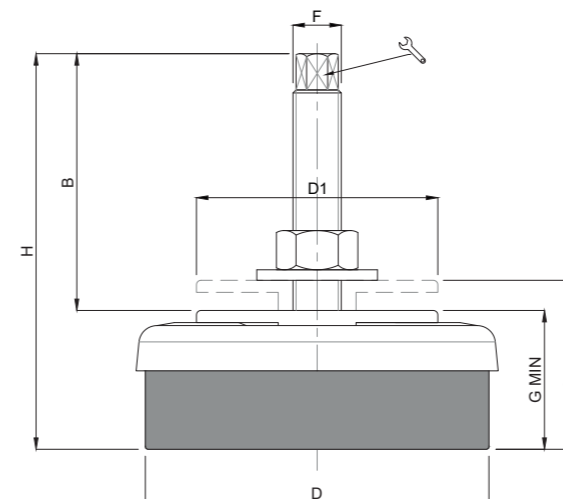
Codice I = inox Code I = stainless steel

• Materiale base: acciaio verniciato, zincato e inox (AISI 304). Materiale stelo: acciaio zincato e inox(AISI 304). Gomma NBR 80 shore

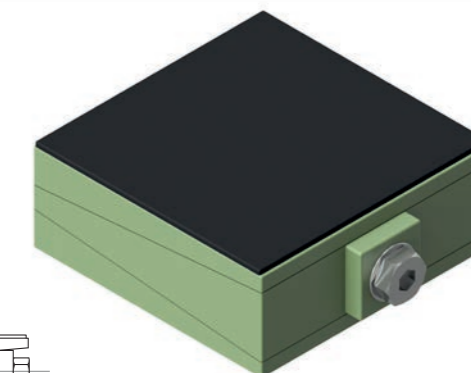
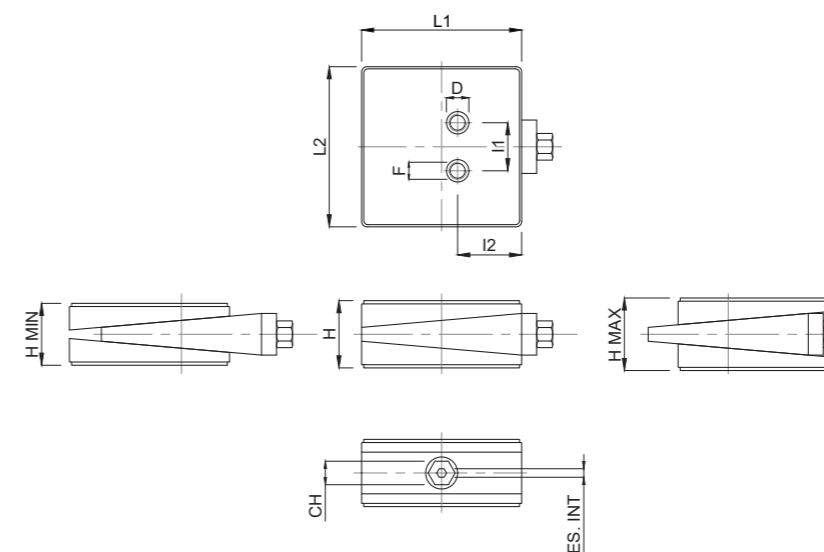
• Applicazioni: macchine utensili, presse, cesoie, macchine tipografiche, macchine di stampaggio a iniezione.

• Material: yellow painted / galvanized/ stainless steel base 1.4301 with a niche as screw seat. Application: machine tools; presses; injection molding machines; shearing machines

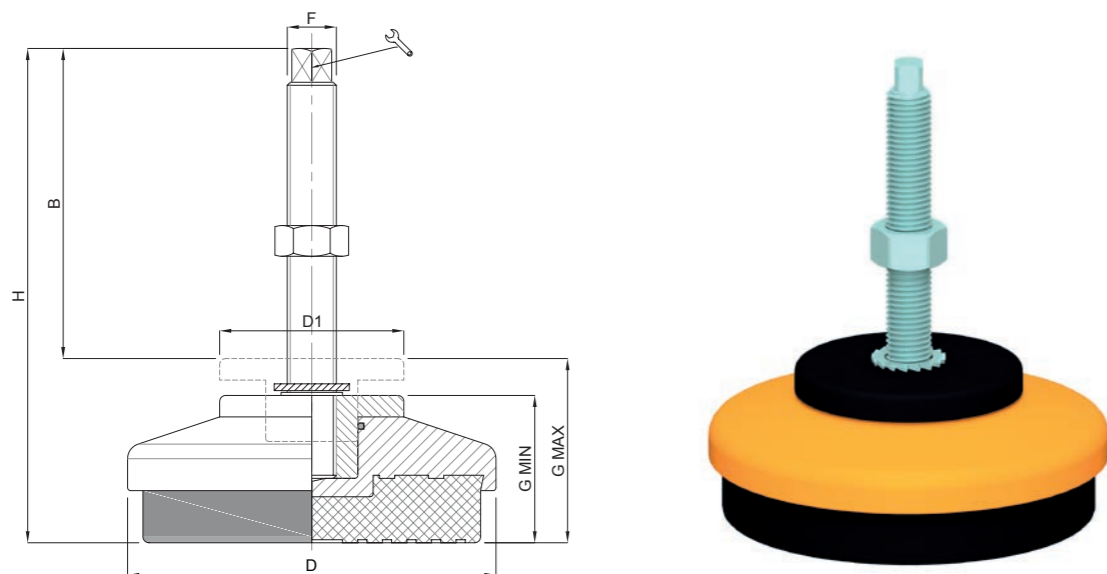
• For higher loads, an anti-vibration pad 90 shore could be also supplied.



| CODICE - CODE | DIMENSIONI PRINCIPALI - MAIN DIMENSIONS | | | | | | | CARICO DINAMICO DYNAMIC LOAD NEWTON | CARICO STATICO STATIC LOAD NEWTON |
|---------------|---|-------|-----|----|----------|-------|-----|---|---|
| | B | D | D1 | F | G | H | | | |
| 14020 | 90 | Ø 80 | 54 | 8 | M12x1.25 | 40-50 | 130 | 2500 | 5000 |
| 14025 | 85 | Ø 120 | 80 | 12 | M16x1.5 | 45-58 | 130 | 4000 | 10000 |
| 14030 | 136 | Ø 160 | 102 | 14 | M20x1.5 | 54-68 | 190 | 9000 | 20000 |
| 14035 | 135 | Ø 200 | 126 | 14 | M20x1.5 | 60-75 | 195 | 15000 | 35000 |



| CODICE - CODE | DESCRIZIONE | DIMENSIONI PRINCIPALI - MAIN DIMENSIONS | | | | | | | | | | NEWTON | |
|---------------|-----------------------|---|-----|----|-------|-------|----|-----|----|----|-----|--------|--------|
| | | L1 | L2 | H | H.MIN | H.MAX | D | F | I1 | I2 | CH. | | ES.INT |
| 14040 | PIEDE A CUNEO 150x150 | 150 | 150 | 63 | 58 | 68 | 21 | M16 | 45 | 60 | 22 | 8 | 30000 |
| 14045 | PIEDE A CUNEO 200x200 | 200 | 200 | 68 | 63 | 73 | 21 | M16 | 65 | 80 | 24 | 10 | 50000 |



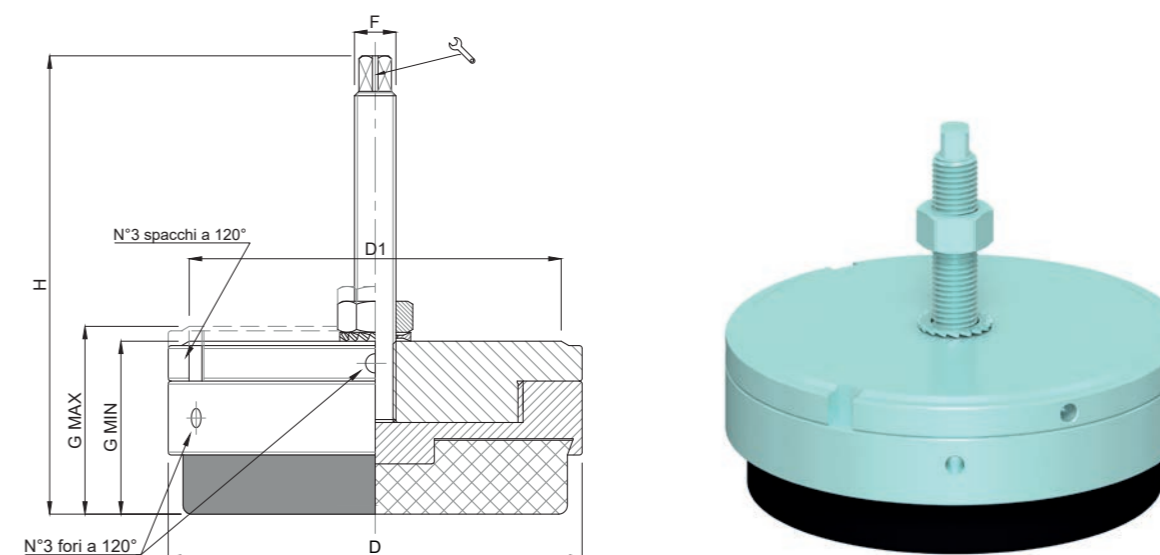
| CODICE - CODE | DIMENSIONI PRINCIPALI - MAIN DIMENSIONS | | | | | | | CARICO DINAMICO DYNAMIC LOAD NEWTON | CARICO STATICO STATIC LOAD NEWTON |
|---------------|---|-------|------|----|-----|--------------|-----|---|---|
| | B | D | D1 | 🔑 | F | G MIN-MAX | H | | |
| 14050 | 110 | Ø 104 | Ø 60 | 9 | M14 | 43-58 | 153 | 6000 | 11000 |
| 14060 | 110 | Ø 123 | Ø 60 | 10 | M16 | 43-58 | 153 | 7000 | 13000 |
| 14070 | 110 | Ø 140 | Ø 80 | 10 | M16 | 55-70 | 165 | 8000 | 16000 |
| 14080 | 110 | Ø 160 | Ø 80 | 13 | M20 | 55-70 | 165 | 12000 | 25000 |
| 14090 | 110 | Ø 180 | Ø 80 | 13 | M20 | 55-70 | 165 | 17000 | 35000 |

N.B. Disponibile anche con vite testa esagonale
N.B. Available also with top hexagonal regulation

**Tekno-plus è stato progettato per rendere la regolazione molto precisa e semplice.
La stessa si ottiene agendo solo sull'estremità quadra dello stelo filettato
e bloccando il controdado.**

*Tekno-plus mounts are designed to ensure perfect and easy regulation.
When levelling the mount, tighten the top square end and lock the jam nut.*

- Applicazioni: macchine utensili, presse, cesoie, macchine tipografiche, macchine di stampaggio a iniezione.
- Materiale base: acciaio verniciato colore giallo. Materiale stelo: acciaio zincato FE. Gomma antivibrante NBR 75 shore (per carichi maggiori, a richiesta gomma NBR 90 shore)
- Il piede di livellamento viene già fornito completo di 2 dadi, 1 rondella piana e 1 rondella dentata
- Application: machine tools; presses; injection molding machines; shearing machines
- Material: painted steel base; galvanized steel screw. Pad: rubber NBR 75 shore (for higher loads, an anti-vibration pad 90 shore could be also supplied.)
- The leveling is already provided with 2 nuts, 1 plain washer and 1 toothed washer



| CODICE - CODE | DIMENSIONI PRINCIPALI - MAIN DIMENSIONS | | | | | | CARICO DINAMICO DYNAMIC LOAD NEWTON | CARICO STATICO STATIC LOAD NEWTON |
|---------------|---|-----|-----|----|-------|-----|---|---|
| | D | D1 | F | 🔑 | G | H | | |
| 14000 | 140 | 125 | M12 | 8 | 60-66 | 130 | 9500 | 19500 |
| 14010 | 160 | 145 | M16 | 10 | 60-66 | 133 | 14000 | 29000 |

Anti-moving è stato progettato per risolvere problemi di antistaticità dovuti ad accelerazioni trasversali che creano squilibrio nella distribuzione del peso nei punti di appoggio della macchina.

Modo d'uso: inserire il piattello tutto avvitato sotto il punto d'appoggio del basamento; avvitare dall'alto nel foro del basamento lo stelo filettato; per livellare la macchina agire sulla flangia superiore tramite i tre fori o spacchi

Anti-moving mounts are designed to solve the antistatic problems due to tangential acceleration, which may cause unbalance in the distribution of the weight on the machine's bearing points.

Instructions for use: put the base with the flange completely tightened under the machine bed. Tighten from the top square regulation the threaded stem in the machine bed's hole. When levelling the machine, act on the upper flange through the 3 holes or with the crevices.

- Materiale. Struttura in acciaio zincato C40. Gomma a sezione Nbr 90 shore nera
- Material: galvanized steel base C40. Pad: rubber NBR 90 shore

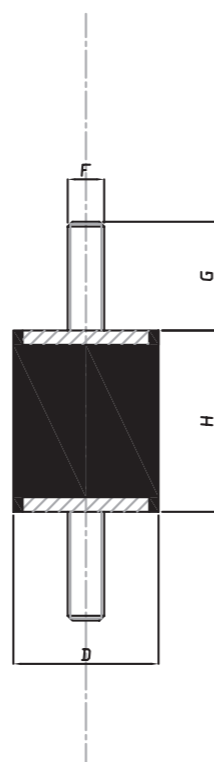
Silent-Blocks Serie T

Caratteristiche: MASCHIO/MASCHIO

Features: MALE/MALE

ANTIVIBRANTI

| MODELLO | D m/m | H m/m | FILETTO (G) | FLESSIONE m/m | CARICO Kg. |
|----------|-------|-------|-----------------|---------------|------------|
| T10-10 | 10 | 10 | M4X10 | 2 | 10 |
| T10-15 | 10 | 15 | M4X10 | 3 | 8 |
| T12,5-10 | 13 | 10 | M5X12 | 1,5 | 12 |
| T12,5-15 | 13 | 15 | M5X12 | 3 | 10 |
| T12,5-20 | 13 | 20 | M5X12 | 3,5 | 8 |
| T16-8 | 16 | 8 | M4X10 o M5X12 | 1,5 | 15 |
| T16-10 | 16 | 10 | M4X10 o M5X12 | 1,5 | 20 |
| T16-15 | 16 | 15 | M4X10 o M5X12 | 3 | 20 |
| T16-20 | 16 | 20 | M4X10 o M5X12 | 4 | 20 |
| T16-25 | 16 | 25 | M4X10 o M5X12 | 5 | 15 |
| T20-10 | 20 | 10 | M6X13 | 2 | 30 |
| T20-15 | 20 | 15 | M6X13 | 3 | 25 |
| T20-20 | 20 | 20 | M6X18 | 4 | 25 |
| T20-25 | 20 | 25 | M6X18 | 5 | 25 |
| T20-30 | 20 | 30 | M6X18 | 7 | 25 |
| T25-10 | 25 | 10 | M8X20 o M6X16 | 1,5 | 50 |
| T25-15 | 25 | 15 | M8X20 o M6X16 | 3 | 50 |
| T25-20 | 25 | 20 | M8X20 o M6X16 | 4 | 50 |
| T25-22 | 25 | 22 | M8X20 o M6X16 | 4 | 45 |
| T25-25 | 25 | 25 | M8X20 o M6X16 | 5 | 40 |
| T25-30 | 25 | 30 | M8X20 o M6X16 | 6 | 35 |
| T25-40 | 25 | 40 | M8X20 o M6X16 | 10 | 50 |
| T30-10 | 30 | 10 | M8X20 | 2 | 90 |
| T30-15 | 30 | 15 | M8X20 | 3 | 90 |
| T30-20 | 30 | 20 | M8X20 | 4 | 90 |
| T30-22 | 30 | 22 | M8X20 | 4 | 90 |
| T30-25 | 30 | 25 | M8X20 | 5 | 85 |
| T30-30 | 30 | 30 | M8X20 | 6 | 80 |
| T30-40 | 30 | 40 | M8X20 | 8 | 60 |
| T35-35 | 35 | 35 | M8X20 | 8 | 90 |
| T40-20 | 40 | 20 | M10X25 o M8X20 | 4 | 160 |
| T40-25 | 40 | 25 | M10X25 o M8X20 | 6 | 155 |
| T40-28 | 40 | 28 | M10X25 o M8X20 | 6 | 155 |
| T40-30 | 40 | 30 | M10X25 o M8X20 | 8 | 150 |
| T40-35 | 40 | 35 | M10X25 o M8X20 | 8 | 120 |
| T40-40 | 40 | 40 | M10X25 o M8X20 | 10 | 120 |
| T40-45 | 40 | 45 | M10X25 o M8X20 | 12 | 110 |
| T50-20 | 50 | 20 | M10X25 | 4 | 250 |
| T50-25 | 50 | 25 | M10X25 | 5,5 | 250 |
| T50-30 | 50 | 30 | M10X25 | 8 | 250 |
| T50-35 | 50 | 35 | M10X25 | 9 | 230 |
| T50-40 | 50 | 40 | M10X25 | 10 | 220 |
| T50-45 | 50 | 45 | M10X25 | 11 | 210 |
| T50-50 | 50 | 50 | M10X25 | 12 | 200 |
| T50-55 | 50 | 55 | M10X25 | 13 | 200 |
| T60-25 | 60 | 25 | M10X30 | 5 | 400 |
| T60-35 | 60 | 35 | M10X30 | 7 | 350 |
| T60-45 | 60 | 45 | M10X30 | 10 | 300 |
| T60-60 | 60 | 60 | M10X30 | 12 | 250 |
| T70-35 | 70 | 35 | M10X30 | 7 | 450 |
| T70-50 | 70 | 50 | M10X30 | 10 | 350 |
| T70-70 | 70 | 70 | M10X30 | 13 | 300 |
| T75-25 | 75 | 25 | M12X35 | 5 | 650 |
| T75-40 | 75 | 40 | M12X35 | 9 | 500 |
| T75-45 | 75 | 45 | M12X35 | 10 | 500 |
| T75-55 | 75 | 55 | M12X35 | 13 | 450 |
| T80-30 | 80 | 30 | M14X35 | 5,5 | 900 |
| T80-40 | 80 | 40 | M14X35 | 9 | 600 |
| T80-50 | 80 | 50 | M14X35 | 10 | 750 |
| T80-70 | 80 | 70 | M14X35 | 15 | 550 |
| T95-40 | 95 | 40 | M16X45 | 8 | 1.200 |
| T95-55 | 95 | 55 | M16X45 | 11 | 1.000 |
| T95-60 | 95 | 60 | M16X45 | 12 | 800 |
| T95-75 | 95 | 75 | M16X45 | 13 | 700 |
| T100-40 | 100 | 40 | M16X45 | 8 | 1.200 |
| T100-60 | 100 | 60 | M16X45 | 15 | 1.100 |
| T100-75 | 100 | 75 | M16X45 | 17 | 1.000 |
| T120-50 | 120 | 50 | M16X45 | 9 | 1.500 |
| T120-75 | 120 | 75 | M16X45 | 13 | 1.200 |
| T120-100 | 120 | 100 | M16X45 | 16 | 1.000 |
| T130-40 | 130 | 40 | M16X45 | 6 | 1.900 |
| T130-50 | 130 | 50 | M16X45 | 9 | 1.600 |
| T130-75 | 130 | 75 | M16X45 | 13 | 1.450 |
| T130-100 | 130 | 100 | M16X45 | 16 | 1.200 |
| T150-50 | 150 | 50 | M16X45 o M20X50 | 9 | 1.800 |
| T150-60 | 150 | 60 | M16X45 o M20X50 | 14 | 2.200 |
| T150-75 | 150 | 75 | M16X45 o M20X50 | 16 | 2.000 |
| T150-100 | 150 | 100 | M16X45 o M20X50 | 16 | 1.400 |
| T150-120 | 150 | 120 | M16X45 o M20X50 | 16 | 1.300 |
| T150-140 | 150 | 140 | M16X45 o M20X50 | 16 | 1.200 |



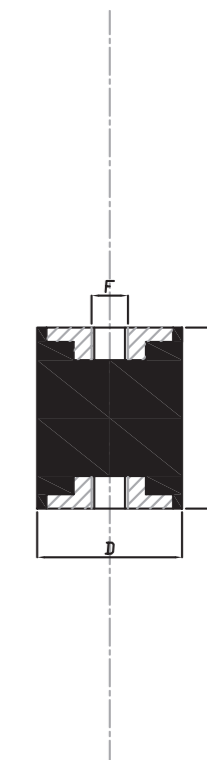
Silent-Blocks Serie H

Caratteristiche: FEMMINA/FEMMINA

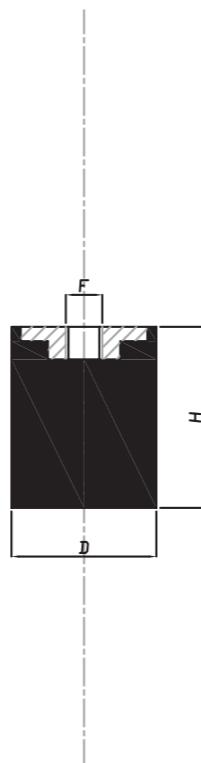
Features: FEMALE/FEMALE

ANTIVIBRANTI

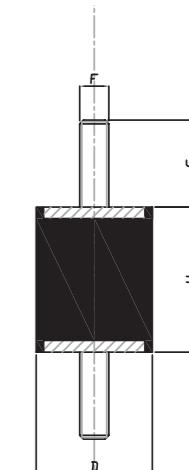
| MODELLO | D m/m | H m/m | FILETTO (G) | FLESSIONE m/m | CARICO Kg. |
|----------|-------|-------|-------------|---------------|------------|
| H10-10 | 10 | 10 | M4 | 2 | 10 |
| H10-15 | 10 | 15 | M4 | 3 | 8 |
| H12,5-15 | 13 | 15 | M5 | 3 | 10 |
| H12,5-20 | 13 | 20 | M5 | 3,5 | 8 |
| H16-15 | 16 | 15 | M4 o M5 | 3 | 20 |
| H16-20 | 16 | 20 | M4 o M5 | 4 | 20 |
| H16-25 | 16 | 25 | M4 o M5 | 5 | 15 |
| H20-15 | 20 | 15 | M6 | 3 | 25 |
| H20-20 | 20 | 20 | M6 | 4 | 25 |
| H20-25 | 20 | 25 | M6 | 5 | 25 |
| H20-30 | 20 | 30 | M6 | 7 | 25 |
| H25-15 | 25 | 15 | M8 o M6 | 3 | 50 |
| H25-20 | 25 | 20 | M8 o M6 | 4 | 50 |
| H25-22 | 25 | 22 | M8 o M6 | 4 | 45 |
| H25-25 | 25 | 25 | M8 o M6 | 5 | 40 |
| H25-30 | 25 | 30 | M8 o M6 | 6 | 35 |
| H25-40 | 25 | 40 | M8 o M6 | 10 | 50 |
| H30-15 | 30 | 15 | M8 | 1,5 | 60 |
| H30-20 | 30 | 20 | M8 | 4 | 90 |
| H30-22 | 30 | 22 | M8 | 4 | 90 |
| H30-25 | 30 | 25 | M8 | 5 | 85 |
| H30-30 | 30 | 30 | M8 | 6 | 80 |
| H30-40 | 30 | 40 | M8 | 8 | 60 |
| H35-35 | 35 | 35 | M8 | 8 | 90 |
| H40-20 | 40 | 20 | M10 o M8 | 4 | 160 |
| H40-25 | 40 | 25 | M10 o M8 | 6 | 155 |
| H40-28 | 40 | 28 | M10 o M8 | 6 | 155 |
| H40-30 | 40 | 30 | M10 o M8 | 8 | 150 |
| H40-35 | 40 | 35 | M10 o M8 | 8 | 120 |
| H40-40 | 40 | 40 | M10 o M8 | 10 | 120 |
| H40-45 | 40 | 45 | M10 o M8 | 12 | 110 |
| H50-20 | 50 | 20 | M10 | 4 | 250 |
| H50-25 | 50 | 25 | M10 | 5,5 | 250 |
| H50-30 | 50 | 30 | M10 | 8 | 250 |
| H50-35 | 50 | 35 | M10 | 9 | 230 |
| H50-40 | 50 | 40 | M10 | 10 | 220 |
| H50-45 | 50 | 45 | M10 | 11 | 210 |
| H50-50 | 50 | 50 | M10 | 12 | 200 |
| H50-55 | 50 | 55 | M10 | 13 | 200 |
| H60-25 | 60 | 25 | M10 | 5 | 400 |
| H60-35 | 60 | 35 | M10 | 7 | 350 |
| H60-45 | 60 | 45 | M10 | 10 | 300 |
| H60-60 | 60 | 60 | M10 | 12 | 250 |
| H70-35 | 70 | 35 | M10 | 7 | 450 |
| H70-50 | 70 | 50 | M10 | 10 | 350 |
| H70-70 | 70 | 70 | M10 | 13 | 300 |
| H75-25 | 75 | 25 | M12 | 5 | 650 |
| H75-40 | 75 | 40 | M12 | 9 | 500 |
| H75-45 | 75 | 45 | M12 | 10 | 500 |
| H75-55 | 75 | 55 | M12 | 13 | 450 |
| H80-30 | 80 | 30 | M14 | 5,5 | 900 |
| H80-40 | 80 | 40 | M14 | 9 | 600 |
| H80-50 | 80 | 50 | M14 | 10 | 750 |
| H80-70 | 80 | 70 | M14 | 15 | 550 |
| H95-40 | 95 | 40 | M16 | 8 | 1.200 |
| H95-55 | 95 | 55 | M16 | 11 | 1.000 |
| H95-60 | 95 | 60 | M16 | 12 | 800 |
| H95-75 | 95 | 75 | M16 | 13 | 700 |
| H100-40 | 100 | 40 | M16 | 8 | 1.200 |
| H100-60 | 100 | 60 | M16 | 15 | 1.100 |
| H100-75 | 100 | 75 | M16 | 17 | 1.000 |
| H120-50 | 120 | 50 | M16 | 9 | 1.500 |
| H120-75 | 120 | 75 | M16 | 13 | 1.200 |
| H120-100 | 120 | 100 | M16 | 16 | 1.000 |
| H130-40 | 130 | 40 | M16 | 6 | 1.900 |
| H130-50 | 130 | 50 | M16 | 9 | 1.600 |
| H130-75 | 130 | 75 | M16 | 13 | 1.450 |
| H130-100 | 130 | 100 | M16 | 16 | 1.200 |
| H150-50 | 150 | 50 | M16 o M20 | 9 | 1.800 |
| H150-60 | 150 | 60 | M16 o M20 | 14 | 2.200 |
| H150-75 | 150 | 75 | M16 o M20 | 16 | 2.000 |
| H150-100 | 150 | 100 | M16 o M20 | 16 | 1.400 |
| H150-120 | 150 | 120 | M16 o M20 | 16 | 1.300 |
| H150-140 | 150 | 140 | M16 o M20 | 16 | 1.200 |



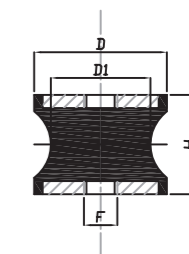
| MODELLO | D m/m | H m/m | FILETTO (G) | FLESSIONE m/m | CARICO Kg. |
|-----------|-------|-------|-------------|---------------|------------|
| HS10-10 | 10 | 10 | M4 | 2 | 10 |
| HS10-15 | 10 | 15 | M4 | 3 | 8 |
| HS12,5-10 | 13 | 10 | M5 | 1,5 | 12 |
| HS12,5-15 | 13 | 15 | M5 | 3 | 10 |
| HS12,5-20 | 13 | 20 | M5 | 3,5 | 20 |
| HS16-8 | 16 | 8 | M4 o M5 | 1,5 | 15 |
| HS16-10 | 16 | 10 | M4 o M5 | 1,5 | 20 |
| HS16-15 | 16 | 15 | M4 o M5 | 3 | 20 |
| HS16-20 | 16 | 20 | M4 o M5 | 4 | 20 |
| HS16-25 | 16 | 25 | M4 o M5 | 5 | 15 |
| HS20-10 | 20 | 10 | M6 | 2 | 30 |
| HS20-15 | 20 | 15 | M6 | 3 | 25 |
| HS20-20 | 20 | 20 | M6 | 4 | 25 |
| HS20-25 | 20 | 25 | M6 | 5 | 25 |
| HS20-30 | 20 | 30 | M6 | 7 | 25 |
| HS25-10 | 25 | 10 | M8 o M6 | 1,5 | 50 |
| HS25-15 | 25 | 15 | M8 o M6 | 3 | 50 |
| HS25-20 | 25 | 20 | M8 o M6 | 4 | 50 |
| HS25-22 | 25 | 22 | M8 o M6 | 4 | 45 |
| HS25-25 | 25 | 25 | M8 o M6 | 5 | 40 |
| HS25-30 | 25 | 30 | M8 o M6 | 6 | 35 |
| HS25-40 | 25 | 40 | M8 o M6 | 10 | 50 |
| HS30-10 | 30 | 10 | M8 | 2 | 90 |
| HS30-15 | 30 | 15 | M8 | 3 | 90 |
| HS30-20 | 30 | 20 | M8 | 4 | 90 |
| HS30-22 | 30 | 22 | M8 | 4 | 90 |
| HS30-25 | 30 | 25 | M8 | 5 | 85 |
| HS30-30 | 30 | 30 | M8 | 6 | 80 |
| HS30-40 | 30 | 40 | M8 | 8 | 60 |
| HS35-35 | 35 | 35 | M8 | 8 | 90 |
| HS40-20 | 40 | 20 | M10 o M8 | 4 | 160 |
| HS40-25 | 40 | 25 | M10 o M8 | 6 | 155 |
| HS40-28 | 40 | 28 | M10 o M8 | 6 | 155 |
| HS40-30 | 40 | 30 | M10 o M8 | 8 | 150 |
| HS40-35 | 40 | 35 | M10 o M8 | 8 | 120 |
| HS40-40 | 40 | 40 | M10 o M8 | 10 | 120 |
| HS40-45 | 40 | 45 | M10 o M8 | 12 | 110 |
| HS50-20 | 50 | 20 | M10 | 4 | 250 |
| HS50-25 | 50 | 25 | M10 | 5,5 | 250 |
| HS50-30 | 50 | 30 | M10 | 8 | 250 |
| HS50-35 | 50 | 35 | M10 | 9 | 230 |
| HS50-40 | 50 | 40 | M10 | 10 | 220 |
| HS50-45 | 50 | 45 | M10 | 11 | 210 |
| HS50-50 | 50 | 50 | M10 | 12 | 200 |
| HS50-55 | 50 | 55 | M10 | 13 | 200 |
| HS60-25 | 60 | 25 | M10 | 5 | 400 |
| HS60-35 | 60 | 35 | M10 | 7 | 350 |
| HS60-45 | 60 | 45 | M10 | 10 | 300 |
| HS60-60 | 60 | 60 | M10 | 12 | 250 |
| HS70-35 | 70 | 35 | M10 | 7 | 450 |
| HS70-50 | 70 | 50 | M10 | 10 | 350 |
| HS70-70 | 70 | 70 | M10 | 13 | 300 |
| HS75-25 | 75 | 25 | M12 | 5 | 650 |
| HS75-40 | 75 | 40 | M12 | 9 | 500 |
| HS75-45 | 75 | 45 | M12 | 10 | 500 |
| HS75-55 | 75 | 55 | M12 | 13 | 450 |
| HS80-30 | 80 | 30 | M14 | 5,5 | 900 |
| HS80-40 | 80 | 40 | M14 | 9 | 600 |
| HS80-50 | 80 | 50 | M14 | 10 | 750 |
| HS80-70 | 80 | 70 | M14 | 15 | 550 |
| HS95-40 | 95 | 40 | M16 | 8 | 1.200 |
| HS95-55 | 95 | 55 | M16 | 11 | 01.00 |
| HS95-60 | 95 | 60 | M16 | 12 | 800 |
| HS95-75 | 95 | 75 | M16 | 13 | 700 |
| HS100-40 | 100 | 40 | M16 | 8 | 1.200 |
| HS100-60 | 100 | 60 | M16 | 15 | 1.100 |
| HS100-75 | 100 | 75 | M16 | 17 | 1.000 |
| HS120-50 | 120 | 50 | M16 | 9 | 1.500 |
| HS120-75 | 120 | 75 | M16 | 13 | 1.200 |
| HS120-100 | 120 | 100 | M16 | 16 | 1.000 |
| HS130-40 | 130 | 40 | M16 | 6 | 1.900 |
| HS130-50 | 130 | 50 | M16 | 9 | 1.600 |
| HS130-75 | 130 | 75 | M16 | 13 | 1.450 |
| HS130-100 | 130 | 100 | M16 | 16 | 1.200 |
| HS150-40 | 150 | 40 | M16 o M20 | 9 | 1.800 |
| HS150-60 | 150 | 60 | M16 o M20 | 14 | 2.200 |
| HS150-75 | 150 | 75 | M16 o M20 | 16 | 2.000 |
| HS150-100 | 150 | 100 | M16 o M20 | 16 | 1.400 |
| HS150-120 | 150 | 120 | M16 o M20 | 16 | 1.300 |
| HS150-140 | 150 | 140 | M16 o M20 | 16 | 1.200 |



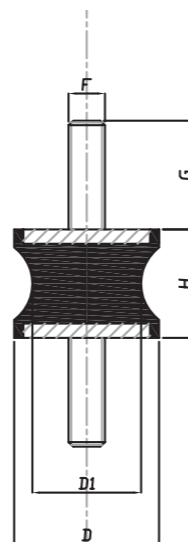
| MODELLO | D m/m | H m/m | FILETTO (F) | G m/m | FLESSIONE m/m | CARICO Kg. |
|---------|-------|-------|-------------|-------|---------------|------------|
| TX20-20 | 20 | 20 | M6X18 | 18 | 4 | 25 |
| TX20-25 | 20 | 25 | M6X18 | 18 | 5 | 25 |
| TX25-25 | 25 | 25 | M8X18 | 18 | 5 | 40 |
| TX25-30 | 25 | 30 | M8X18 | 18 | 6 | 35 |
| TX30-30 | 30 | 30 | M8X18 | 18 | 6 | 80 |
| TX30-40 | 30 | 40 | M8X18 | 18 | 8 | 60 |
| TX35-35 | 35 | 35 | M8X18 | 18 | 8 | 90 |
| TX40-30 | 40 | 30 | M10X27 | 27 | 8 | 150 |
| TX40-40 | 40 | 40 | M10X27 | 27 | 10 | 120 |
| TX50-30 | 50 | 30 | M10X27 | 27 | 8 | 250 |
| TX50-40 | 50 | 40 | M10X27 | 27 | 10 | 220 |
| TX50-50 | 50 | 50 | M10X27 | 27 | 12 | 200 |
| TX60-45 | 60 | 45 | M10X27 | 27 | 10 | 300 |
| TX60-60 | 60 | 60 | M10X27 | 27 | 12 | 250 |



| MODELLO | D m/m | H m/m | D1 m/m | FILETTO (F) | FLESSIONE m/m | CARICO Kg. |
|-----------|-------|-------|--------|-------------|---------------|------------|
| HDX60-36 | 60 | 36 | 37 | M10 | 5 | 90 |
| HDX60-60 | 60 | 60 | 51 | M10 | 6 | 150 |
| HDX70-56 | 70 | 56 | 50 | M12 | 6 | 220 |
| HDX90-77 | 90 | 77 | 79 | M12 | 7 | 500 |
| HDX108-85 | 108 | 85 | 95 | M16 | 10 | 800 |
| HDX130-96 | 130 | 96 | 115 | M16 | 13 | 1.400 |



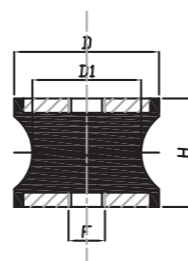
| MODELLO | D m/m | H m/m | D1 m/m | FILETTO (F) | G m/m | FLESSIONE m/m | CARICO Kg. |
|----------|-------|-------|--------|-------------|-------|---------------|------------|
| TD20-20 | 20 | 20 | 12 | M6 | 18 | 18 | 15 |
| TD30-25 | 30 | 25 | 24 | M8 | 20 | 20 | 40 |
| TD40-28 | 40 | 28 | 22 | M10 | 25 | 25 | 50 |
| TD57-44 | 57 | 44 | 25 | M8 | 20 | 20 | 60 |
| TD60-36 | 60 | 36 | 37 | M10 | 30 | 30 | 90 |
| TD60-43 | 60 | 46 | 35 | M10 | 30 | 30 | 70 |
| TD60-60 | 60 | 60 | 51 | M10 | 30 | 30 | 150 |
| TD70-56 | 70 | 56 | 50 | M12 | 35 | 35 | 220 |
| TD80-65 | 80 | 65 | 70 | M14 | 35 | 35 | 400 |
| TD90-77 | 90 | 77 | 79 | M16 | 45 | 45 | 500 |
| TD95-76 | 95 | 76 | 80 | M16 | 45 | 45 | 400 |
| TD108-85 | 108 | 85 | 95 | M16 | 45 | 45 | 800 |
| TD130-96 | 130 | 96 | 115 | M16 | 45 | 45 | 1.400 |



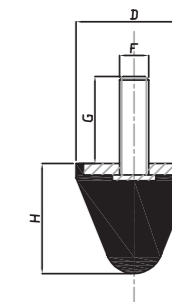
Silent-Blocks Serie HD Diablo

Caratteristiche: FEMMINA/FEMMINA
Features: FEMALE/FEMALE

| MODELLO | D m/m | H m/m | D1 m/m | FILETTO (F) | FLESSIONE m/m | CARICO Kg. |
|----------|-------|-------|--------|-------------|---------------|------------|
| HD20-20 | 20 | 20 | 12 | M6 | 2,5 | 15 |
| HD30-25 | 30 | 25 | 24 | M8 | 4 | 40 |
| HD40-28 | 40 | 28 | 22 | M10 | 5 | 60 |
| HD60-36 | 60 | 36 | 37 | M10 | 5 | 90 |
| HD60-43 | 60 | 43 | 35 | M10 | 4 | 70 |
| HD60-60 | 60 | 60 | 51 | M10 | 6 | 150 |
| HD70-56 | 70 | 56 | 50 | M12 | 6 | 220 |
| HD80-65 | 80 | 65 | 70 | M12 | 8 | 400 |
| HD90-50 | 90 | 50 | 80 | M12 | 4 | 800 |
| HD95-76 | 95 | 76 | 80 | M16 | 9,5 | 400 |
| HD90-77 | 90 | 77 | 79 | M12 | 7 | 500 |
| HD108-85 | 108 | 85 | 95 | M16 | 10 | 800 |
| HD130-96 | 130 | 96 | 115 | M16 | 13 | 1.400 |

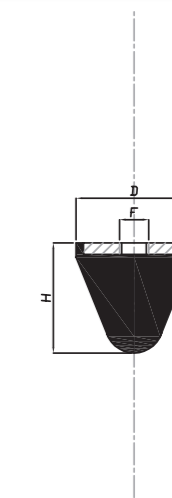


| MODELLO | D m/m | H m/m | FILETTO (F) | G m/m | CARICO Kg. |
|----------|-------|-------|-------------|-------|------------|
| TP-20 | 20 | 20 | M6 | 18 | 70 |
| TP-25 | 25 | 20 | M8 | 20 | 100 |
| TP-30 | 30 | 30 | M6 | 17 | 150 |
| TP-30 | 30 | 30 | M8 | 20 | 150 |
| TP-50 | 50 | 48 | M10 | 25 | 380 |
| TP-50X58 | 50 | 58 | M8 | 20 | 400 |
| TP-50X64 | 50 | 64 | M8 | 35 | 370 |
| TP-60 | 60 | 40 | M14 | 62 | 550 |
| TP-70 | 70 | 60 | M12 | 35 | 550 |
| TP-90 | 90 | 74 | M16 | 45 | 1100 |
| TP-95 | 95 | 82 | M16 | 45 | 1100 |



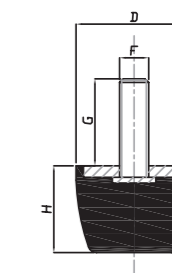
Caratteristiche: FEMMINA
Features: FEMALE

| MODELLO | D m/m | H m/m | FILETTO (F) | CARICO Kg. |
|---------|-------|-------|-------------|------------|
| HP-20 | 20 | 20 | M6 | 70 |
| HP-25 | 25 | 20 | M8 | 100 |
| HP-30 | 30 | 30 | M6 | 150 |
| HP-30 | 30 | 30 | M8 | 150 |
| HP-50 | 50 | 48 | M10 | 380 |
| HP-70 | 70 | 60 | M12 | 550 |
| HP-90 | 90 | 74 | M16 | 1100 |
| HP-95 | 95 | 82 | M16 | 1100 |



Caratteristiche: MASCHIO
Features: MALE

| MODELLO | D m/m | H m/m | FILETTO (F) | G m/m | CARICO Kg. |
|---------|-------|-------|-------------|-------|------------|
| TP-85 | 84 | 52 | M12X35 | 35 | 1500 |
| TP-120 | 120 | 75 | M16X45 | 45 | 3000 |
| TP-220 | 220 | 137 | M24X80 | 80 | 15000 |
| HP-85 | 84 | 52 | M12 | 35 | 1500 |
| HP-120 | 120 | 75 | M16 | 45 | 3000 |



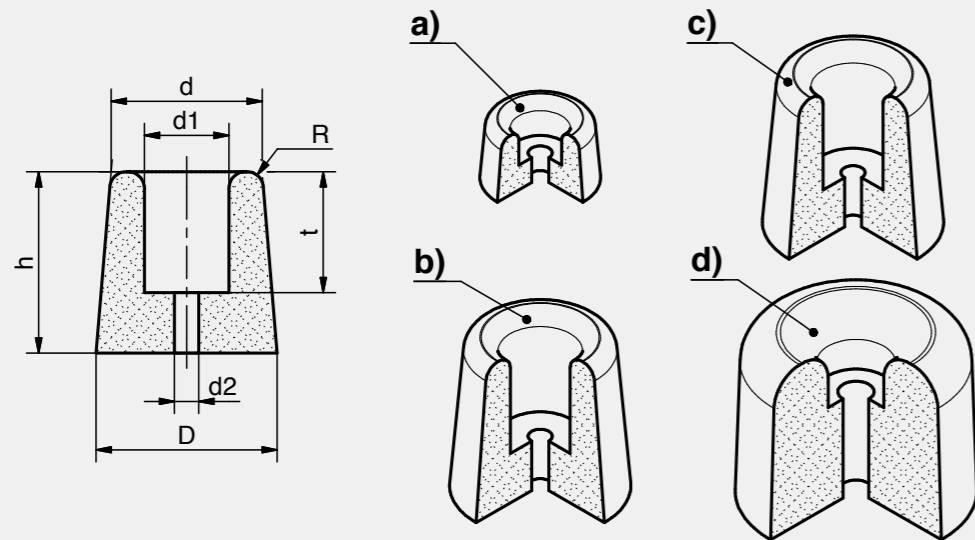


Advantages

- Rubber type bumpers in a variety of dimensions.
- Universal in use and made of rubber, they offer long service lives and an economical answer to many needs.
- Protection against damage to other components when opening and closing hinged hatch covers or doors.
- Used as rubber feet, they absorb vibration, too.
- Vigorous movements are damped.
- Scratches on the floor are prevented.

Materials

- **Rubber Bumpers:** EPDM 30% / NR 70%, black, Shore A 70-80°



Rubber Bumpers

| | Part Number | h | D | d | d1 | d2 | t | R |
|----|-------------------|---------|-------|-------|-------|------|-------|--------|
| a) | 209-3001.00-00000 | 12 mm | 20 mm | 18 mm | 10 mm | 4 mm | 7 mm | 2 mm |
| b) | 209-3002.00-00000 | 30 mm | 30 mm | 25 mm | 14 mm | 4 mm | 20 mm | 2.8 mm |
| c) | 209-3003.00-00000 | 22.5 mm | 20 mm | 19 mm | 10 mm | 4 mm | 8 mm | 2 mm |
| d) | 209-3004.00-00000 | 32 mm | 40 mm | 38 mm | 13 mm | 6 mm | 12 mm | 6 mm |

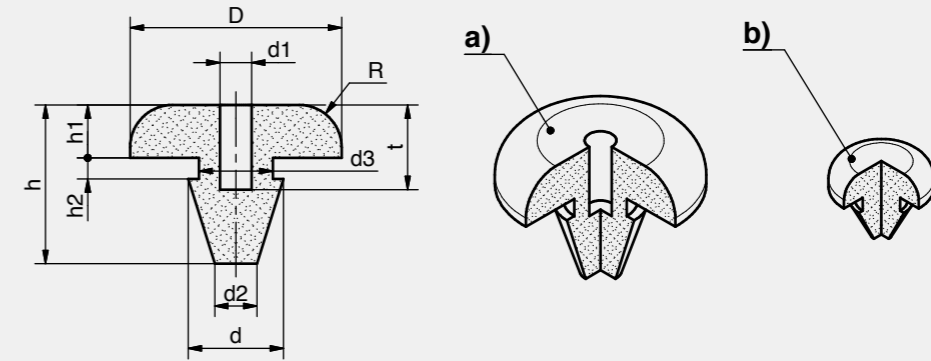


Advantages

- Mushroom type bumpers in a variety of dimensions.
- Universal in use and made of rubber, they offer long service lives and an economical answer to many needs.
- Protection against damage to other components when opening and closing hinged hatch covers or doors.
- Used as rubber feet, they absorb vibration, too.
- Vigorous movements are damped.
- Scratches on the floor are prevented.

Materials

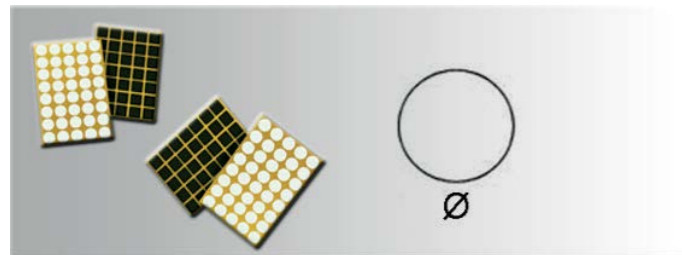
- **Mushroom type bumpers:** EPDM 30% / NR 70%, black, Shore A60°



Mushroom Type Bumpers

| | Part Number | D | d | d1 | d2 | d3 | h | h1 | h2 | t | R |
|----|-------------------|-------|------|------|------|------|--------|------|--------|------|------|
| a) | 209-3101.00-00000 | 20 mm | 9 mm | 3 mm | 4 mm | 7 mm | 15 mm | 5 mm | 2 mm | 8 mm | 4 mm |
| b) | 209-3102.00-00000 | 10 mm | 6 mm | | 2 mm | 5 mm | 8.5 mm | 3 mm | 1.5 mm | | 2 mm |

Felt pads | Adhesive felt pads, round

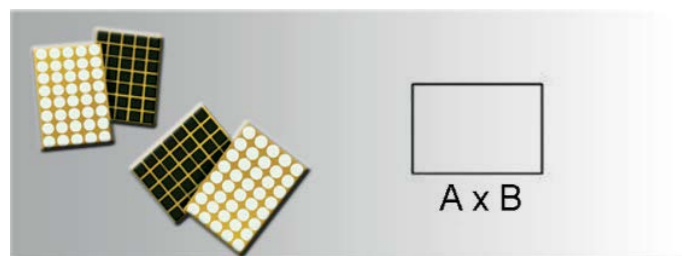


Adhesive felt pads, round.
Can be used on the base of feet or inserts for smooth movement over floor surfaces.

Colours:
Last digits 076 = brown
Last digits 500 = white

| Part no. | Ø | Part no. | Ø | Part no. | Ø |
|------------|----|------------|----|------------|----|
| 3171001076 | 10 | 3171007076 | 24 | 3171013076 | 40 |
| 3171001500 | 10 | 3171007500 | 24 | 3171013500 | 40 |
| 3171002076 | 14 | 3171008076 | 26 | 3171014076 | 45 |
| 3171002500 | 14 | 3171008500 | 26 | 3171014500 | 45 |
| 3171003076 | 16 | 3171009076 | 28 | 3171015076 | 50 |
| 3171003500 | 16 | 3171009500 | 28 | 3171015500 | 50 |
| 3171004076 | 18 | 3171010076 | 30 | 3171016076 | 60 |
| 3171004500 | 18 | 3171010500 | 30 | 3171016500 | 60 |
| 3171005076 | 20 | 3171011076 | 32 | 3171017076 | 70 |
| 3171005500 | 20 | 3171011500 | 32 | 3171017500 | 70 |
| 3171006076 | 22 | 3171012076 | 36 | | |
| 3171006500 | 22 | 3171012500 | 36 | | |

Felt pads | Adhesive felt pads, rectangular

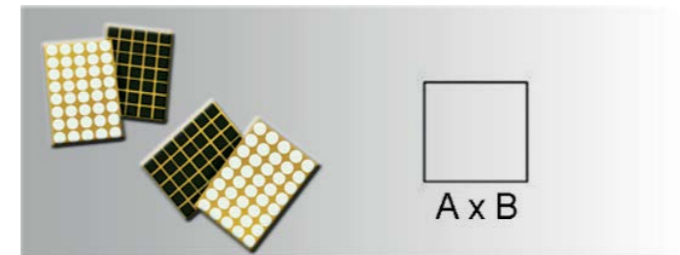


Adhesive felt pads, rectangular.
Can be used on the base of feet or inserts for smooth movement over floor surfaces.

Colours:
Last digits 076 = brown
Last digits 500 = white

| Part no. | AxB | Part no. | AxB | Part no. | AxB |
|------------|-------|------------|-------|------------|-------|
| 3172001076 | 20x30 | 3172002500 | 20x40 | 3172004076 | 25x50 |
| 3172001500 | 20x30 | 3172003076 | 25x35 | 3172004500 | 25x50 |
| 3172002076 | 20x40 | 3172003500 | 25x35 | | |

Felt pads | Adhesive felt pads, square

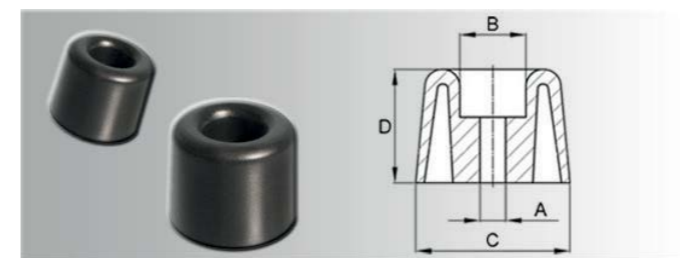


Adhesive felt pads, square.
Can be used on the base of feet or inserts for smooth movement over floor surfaces.

Colours:
Last digits 076 = brown
Last digits 500 = white

| Part no. | AxB | Part no. | AxB | Part no. | AxB |
|------------|-------|------------|-------|------------|---------|
| 3173001076 | 20x20 | 3173004076 | 34x34 | 3173007076 | 50x50 |
| 3173001500 | 20x20 | 3173004500 | 34x34 | 3173007500 | 50x50 |
| 3173002076 | 25x25 | 3173005076 | 40x40 | 3173008076 | 100x100 |
| 3173002500 | 25x25 | 3173005500 | 40x40 | 3173008500 | 100x100 |
| 3173003076 | 30x30 | 3173006076 | 45x45 | | |
| 3173003500 | 30x30 | 3173006500 | 45x45 | | |

Buffers | Door bumpers

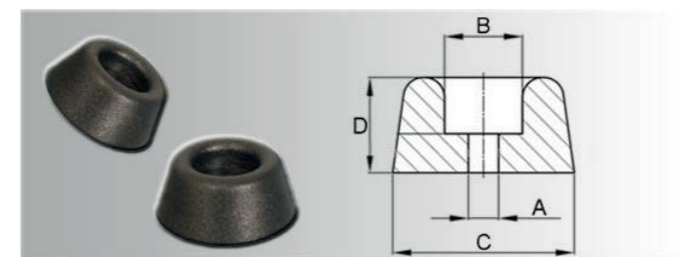


Easy to fix with screws or nails.
For mounting at door fittings, sliding doors etc.

Material: PVC
Colour: black

| Part no. | A | B | C | D | Part no. | A | B | C | D |
|----------|-----|----|----|----|----------|-----|----|----|----|
| 0660200 | 4,1 | 11 | 20 | 23 | 0660300 | 6,5 | 14 | 29 | 25 |
| 0660250 | 5,1 | 11 | 25 | 24 | 0660301 | 7,5 | 12 | 31 | 25 |

Buffers | Buffers



Secure hold by means of screwing. Low stack height and plain, clean surface.

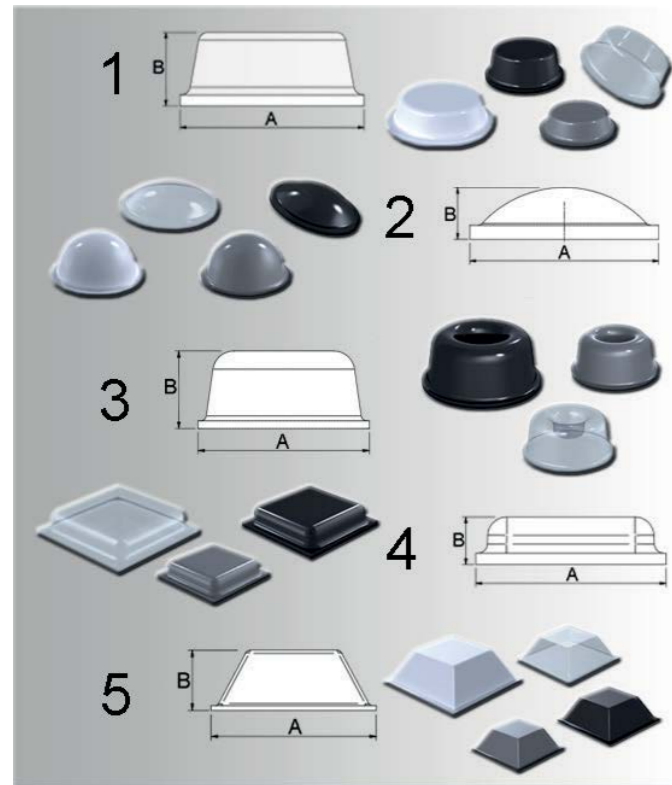
Material: PVC / * = PE / + = TPG
Colours:
Last digits 114 = black
Last digits 113 = white

| Part no. | A | B | C | D | Part no. | A | B | C | D |
|------------|-----|-----|------|------|------------|-----|------|------|------|
| 0480015113 | 3,2 | 6,0 | 15,0 | 7,5 | 0480025113 | 4,3 | 10,0 | 25,0 | 12,5 |
| 0480015114 | 3,2 | 6,0 | 15,0 | 7,5 | 0480025114 | 4,3 | 10,0 | 25,0 | 12,5 |
| 0480020113 | 4,3 | 8,0 | 20,0 | 10,0 | 0480030113 | 5,3 | 12,0 | 30,0 | 15,0 |
| 0480020114 | 4,3 | 8,0 | 20,0 | 10,0 | 0480030114 | 5,3 | 12,0 | 30,0 | 15,0 |

| Part no. | A | B | C | D |
|-------------|-----|-----|------|------|
| 0481500114 | 2,5 | 6,0 | 13,0 | 6,6 |
| 0481700114* | 4,0 | 7,5 | 17,5 | 9,3 |
| 0482000113 | 4,0 | 9,0 | 19,0 | 10,2 |
| 0482000114 | 4,0 | 9,0 | 19,0 | 10,2 |
| 0482013114 | 4,0 | 9,0 | 19,0 | 13,0 |

| Part no. | A | B | C | D |
|-------------|-----|------|------|------|
| 0482014114+ | 4,7 | 9,5 | 19,8 | 11,6 |
| 0482500114 | 2,0 | 9,5 | 24,0 | 10,3 |
| 0483000113 | 5,3 | 13,5 | 29,0 | 12,0 |
| 0483000114 | 5,3 | 13,5 | 29,0 | 12,0 |

Buffers | Adhesive bumpers



Anti-slip and abrasion-proof. Heat-proof up to approx. 65°C.
The surface to be glued on has to be free of dust and grease, and must be even and dry.
The optimal sticking temperature is between +18°C and +25°C.

Material: plasticised PVC / polyurethane
Colours:
without last digits = black
last digits 000 = transparent
last digits 002 = grey
last digits 500 = white

X = type
C = quantity of bumpers per card

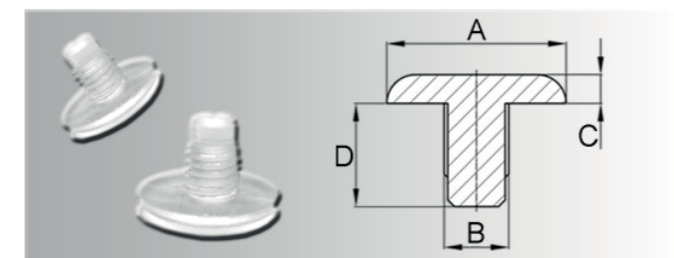
| Part no. | A | B | X | C |
|------------|------|-----|---|-----|
| 1172006000 | 6,4 | 1,9 | 2 | 561 |
| 1172079 | 7,9 | 2,5 | 2 | 392 |
| 1172079000 | 7,9 | 2,5 | 2 | 392 |
| 1172816000 | 8,0 | 1,6 | 2 | 420 |
| 1172008 | 8,0 | 2,1 | 2 | 392 |
| 1170012000 | 8,0 | 2,2 | 2 | 392 |
| 1170017 | 8,0 | 2,8 | 1 | 56 |
| 1172075 | 8,0 | 3,0 | 1 | 288 |
| 1172075000 | 8,0 | 3,0 | 1 | 288 |
| 1170020000 | 9,5 | 3,8 | 2 | 48 |
| 1172100000 | 10,0 | 2,5 | 5 | 242 |
| 1172100002 | 10,0 | 2,5 | 5 | 242 |

| Part no. | A | B | X | C |
|------------|------|-----|---|-----|
| 1172010 | 10,0 | 3,1 | 2 | 288 |
| 1172010000 | 10,0 | 3,1 | 2 | 288 |
| 1172010002 | 10,0 | 3,1 | 2 | 288 |
| 1172104 | 10,0 | 4,0 | 1 | 242 |
| 1172104000 | 10,0 | 4,0 | 1 | 242 |
| 1172120 | 10,1 | 1,8 | 1 | 288 |
| 1172120000 | 10,1 | 1,8 | 1 | 288 |
| 1172100 | 10,1 | 2,5 | 5 | 242 |
| 1170022 | 10,2 | 2,5 | 4 | 54 |
| 1170004 | 11,0 | 5,0 | 2 | 50 |
| 1172115 | 11,1 | 5,0 | 2 | 242 |
| 1172115000 | 11,1 | 5,0 | 2 | 242 |

| Part no. | A | B | X | C |
|------------|------|------|---|-----|
| 1172115002 | 11,1 | 5,0 | 2 | 242 |
| 1172115500 | 11,1 | 5,0 | 2 | 242 |
| 1172126 | 12,6 | 5,7 | 5 | 200 |
| 1172126000 | 12,6 | 5,7 | 5 | 200 |
| 1172126002 | 12,6 | 5,7 | 5 | 200 |
| 1170001 | 12,7 | 1,5 | 1 | 200 |
| 1172122 | 12,7 | 1,8 | 1 | 200 |
| 1172122000 | 12,7 | 1,8 | 1 | 200 |
| 1170013 | 12,7 | 3,1 | 4 | 80 |
| 1172127 | 12,7 | 3,1 | 5 | 200 |
| 1172127000 | 12,7 | 3,1 | 5 | 200 |
| 1172127002 | 12,7 | 3,1 | 5 | 200 |
| 1172125 | 12,7 | 3,5 | 1 | 200 |
| 1172125000 | 12,7 | 3,5 | 1 | 200 |
| 1172125002 | 12,7 | 3,5 | 1 | 200 |
| 1172125500 | 12,7 | 3,5 | 1 | 200 |
| 1170014 | 12,7 | 5,8 | 5 | 25 |
| 1172014 | 14,0 | 4,5 | 1 | 128 |
| 1172014000 | 14,0 | 4,5 | 1 | 128 |
| 1172014002 | 14,0 | 4,5 | 1 | 128 |
| 1172150 | 16,0 | 7,9 | 2 | 128 |
| 1172150000 | 16,0 | 7,9 | 2 | 128 |
| 1172150002 | 16,0 | 7,9 | 2 | 128 |
| 1172150500 | 16,0 | 7,9 | 2 | 128 |
| 1172164 | 16,5 | 10,2 | 1 | 128 |

| Part no. | A | B | X | C |
|------------|-------|------|---|-----|
| 1172164000 | 16,5 | 10,2 | 1 | 128 |
| 1172191 | 19,0 | 1,9 | 1 | 98 |
| 1172191000 | 19,0 | 1,9 | 1 | 98 |
| 1172024 | 19,0 | 4,0 | 1 | 84 |
| 1172024002 | 19,0 | 4,0 | 1 | 84 |
| 1172019 | 19,0 | 6,0 | 1 | 84 |
| 1172019000 | 19,0 | 6,0 | 1 | 84 |
| 1172190 | 19,0 | 9,5 | 2 | 98 |
| 1172190000 | 19,0 | 9,5 | 2 | 98 |
| 1172190002 | 19,0 | 9,5 | 2 | 98 |
| 1172204 | 19,7 | 3,0 | 1 | 84 |
| 1172204000 | 19,7 | 3,0 | 1 | 84 |
| 1172204002 | 19,7 | 3,0 | 1 | 84 |
| 1170019 | 20,0 | 5,0 | 1 | 84 |
| 1172020 | 20,0 | 6,2 | 1 | 84 |
| 1172205 | 20,5 | 7,5 | 5 | 78 |
| 1172205000 | 20,5 | 7,5 | 5 | 78 |
| 1172205002 | 20,5 | 7,5 | 5 | 78 |
| 1172205500 | 20,5 | 7,5 | 5 | 78 |
| 1170006 | 22,22 | 12,6 | 3 | 36 |
| 1172210 | 22,3 | 10,1 | 3 | 72 |
| 1172210000 | 22,3 | 10,1 | 3 | 72 |
| 1172210002 | 22,3 | 10,1 | 3 | 72 |

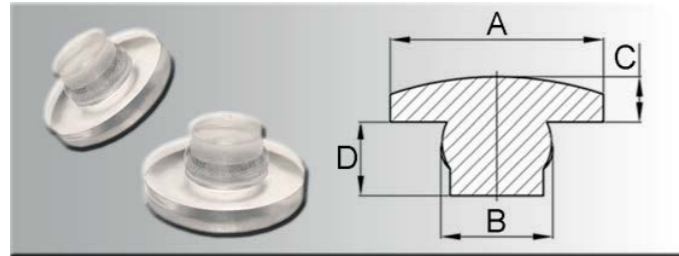
Glass buffers | convex



Material: plasticised PVC
Colour: transparent

| Part no. | A | B | C | D |
|----------|----|-----|---|---|
| 0700120 | 12 | 4,2 | 2 | 7 |

Glass buffers | concave

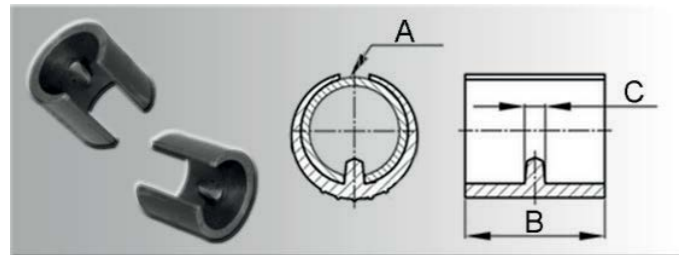


Material: plasticised PVC
 Colour: transparent
 (* = without bead)

| Part no. | A | B | C | D |
|----------|----|---|-----|-----|
| 0690080* | 8 | 4 | 2,5 | 6,0 |
| 0690140 | 14 | 8 | 3,0 | 7,0 |

| Part no. | A | B | C | D |
|----------|----|---|-----|-----|
| 0690160 | 16 | 8 | 2,7 | 5,5 |

Saddle feet | type 147



Protection for floors etc., easy to mount without tools.

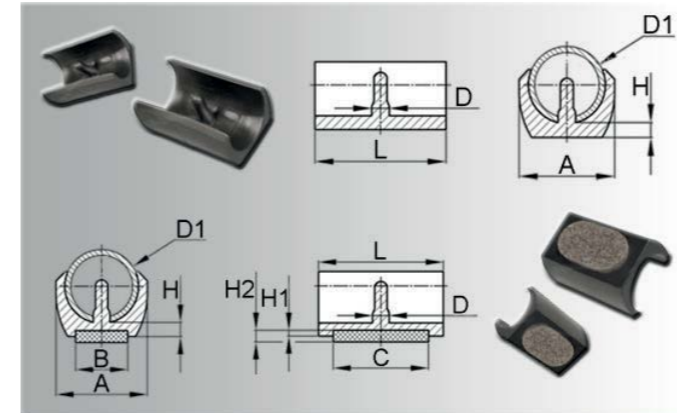
Material: PE
 Colours:
 Last digits 699 = black
 Last digits 600 = white

| Part no. | A | B | C |
|------------|-------|----|-----|
| 1470150600 | 14-16 | 20 | 5,5 |
| 1470150699 | 14-16 | 20 | 5,5 |
| 1470170600 | 16-18 | 20 | 5,5 |
| 1470170699 | 16-18 | 20 | 5,5 |

| Part no. | A | B | C |
|------------|-------|----|-----|
| 1470190600 | 18-20 | 20 | 5,5 |
| 1470190699 | 18-20 | 20 | 5,5 |
| 1470210600 | 20-22 | 20 | 5,5 |
| 1470210699 | 20-22 | 20 | 5,5 |

| Part no. | A | B | C |
|------------|-------|----|-----|
| 1470250600 | 24-26 | 25 | 5,5 |
| 1470250699 | 24-26 | 25 | 5,5 |
| 1470290600 | 28-30 | 30 | 7,5 |
| 1470290699 | 28-30 | 30 | 7,5 |

Saddle feet | type 347



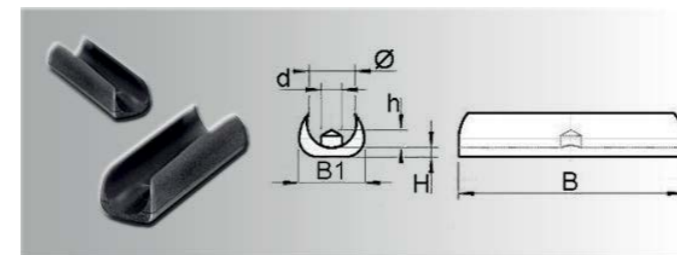
Saddle feet
 Material: PE
 Colour: black - white and natural on request

Saddle feet with felt
 last digit F = with welded felt
 Material: PA 6
 Colour: black - natural on request

Prices for special colours, different dimensions or larger quantities on written request!

| Part no. | A | B | C | D | D1 | L | H | H1 | H2 |
|----------|------|----|----|-----|-------|----|-----|----|----|
| 3470001 | 17,0 | - | - | 0 | 8 | 24 | 4,0 | - | - |
| 3470002 | 19,5 | - | - | 0 | 10 | 30 | 4,5 | - | - |
| 3470003 | 20,0 | - | - | 5,0 | 14 | 26 | 3,5 | - | - |
| 3470004 | 23,5 | - | - | 5,7 | 18-20 | 30 | 4,5 | - | - |
| 3470005 | 25,5 | - | - | 5,7 | 20-22 | 30 | 5,0 | - | - |
| 3470006F | 26,5 | 15 | 25 | 5,6 | 21-22 | 30 | 4,0 | 2 | 4 |
| 3470007 | 28,0 | - | - | 5,7 | 23-25 | 45 | 5,0 | - | - |
| 3470008F | 29,5 | 17 | 31 | 5,6 | 24-25 | 42 | 5,0 | 2 | 4 |
| 3470009 | 32,5 | - | - | 5,7 | 28-30 | 45 | 5,0 | - | - |

Saddle feet | type 447



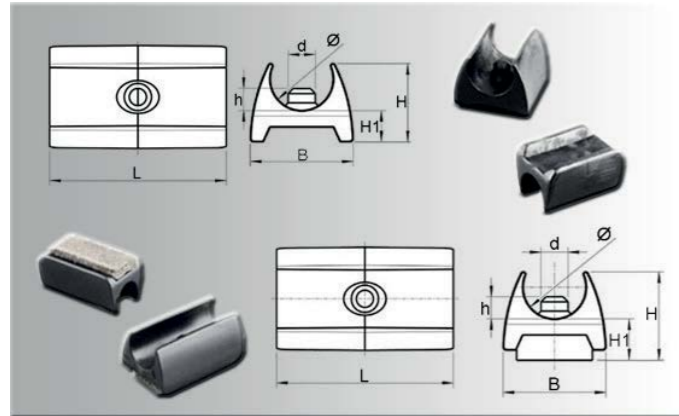
Material: PP
 Colour: black - natural on request
 last digit F = with welded felt

Prices for special colours, different dimensions or larger quantities on written request!

| Part no. | B | B1 | d | h | H | Ø |
|----------|----|----|-----|-----|---|-------|
| 4470001 | 50 | 13 | 3,8 | 2,5 | 3 | 10-11 |
| 4470001F | 50 | 13 | 3,8 | 2,5 | 4 | 10-11 |
| 4470002 | 50 | 13 | 4,5 | 2,5 | 3 | 12-13 |
| 4470002F | 50 | 13 | 4,5 | 2,5 | 4 | 12-13 |

| Part no. | B | B1 | d | h | H | Ø |
|----------|----|----|-----|-----|---|-------|
| 4470003 | 50 | 13 | 4,5 | 2,5 | 3 | 13-14 |
| 4470003F | 50 | 13 | 4,5 | 2,5 | 4 | 13-14 |
| 4470004 | 50 | 13 | 4,5 | 2,5 | 3 | 15-16 |
| 4470004F | 50 | 13 | 4,5 | 2,5 | 4 | 15-16 |

Saddle feet | type 547

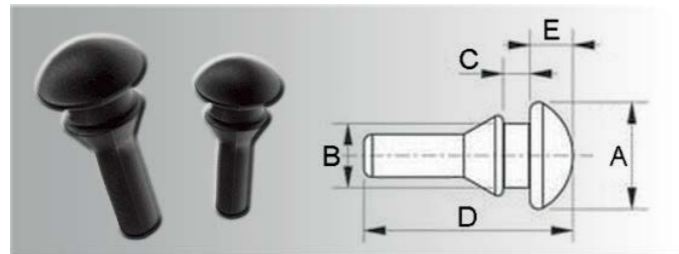


Material: PP
Colour: black - natural on request
last digit F = with welded felt

Prices for special colours, different dimensions or larger quantities on written request!

| Part no. | L | B | H | H1 | d | h | ∅ |
|----------|----|------|------|----|-----|-----|-------|
| 5470001 | 28 | 16,5 | 12,5 | 5 | 4,3 | 3,5 | 10-11 |
| 5470001F | 28 | 16,5 | 12,5 | 6 | 4,3 | 3,5 | 10-11 |
| 5470002 | 28 | 20,0 | 15,0 | 6 | 4,9 | 4,0 | 12-13 |
| 5470002F | 28 | 20,0 | 15,0 | 7 | 4,9 | 4,0 | 12-13 |
| 5470003 | 28 | 23,0 | 18,0 | 7 | 4,9 | 4,2 | 14-15 |
| 5470003F | 28 | 23,0 | 18,0 | 8 | 4,9 | 4,2 | 14-15 |
| 5470004 | 28 | 26,0 | 20,0 | 8 | 5,8 | 4,6 | 15-16 |
| 5470004F | 28 | 26,0 | 20,0 | 9 | 5,8 | 4,6 | 15-16 |

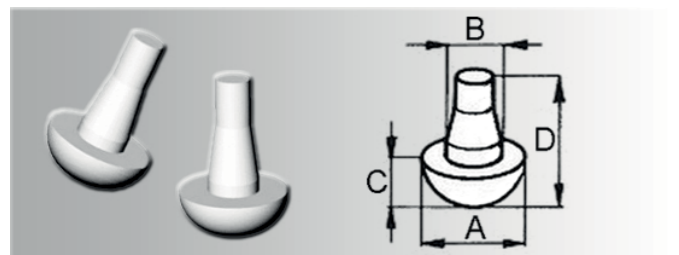
Plug-in feet | PVC black



Material: plasticised PVC
Colour: black

| Part no. | A | B | C | D | E |
|----------|----|---|---|------|---|
| 0470600 | 10 | 6 | 4 | 19,5 | 4 |

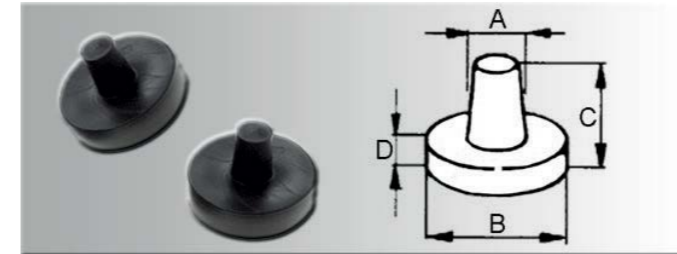
Plug-in feet | plasticised PVC



Material: plasticised PVC
Colour: natural

| Part no. | A | B | C | D |
|----------|---|-----|-----|----|
| 0491000 | 9 | 4,2 | 3,5 | 13 |

Plug-in feet | conical

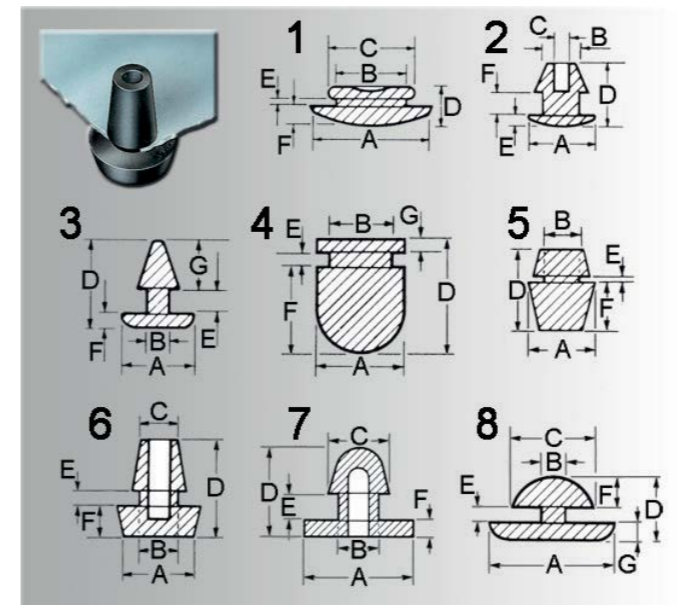


Material: PVC
Colour: black

| Part no. | A | B | C | D |
|----------|---|----|----|---|
| 0490800 | 3 | 8 | 10 | 3 |
| 0491200 | 4 | 12 | 10 | 3 |

| Part no. | A | B | C | D |
|----------|---|----|----|---|
| 0491300 | 5 | 13 | 13 | 3 |
| 0491600 | 5 | 16 | 10 | 4 |

Plug-in feet | Grommet feet



Appropriate for mounting in metal and plastic cases. Easy to fit by hand: simply push into punched or drilled holes.

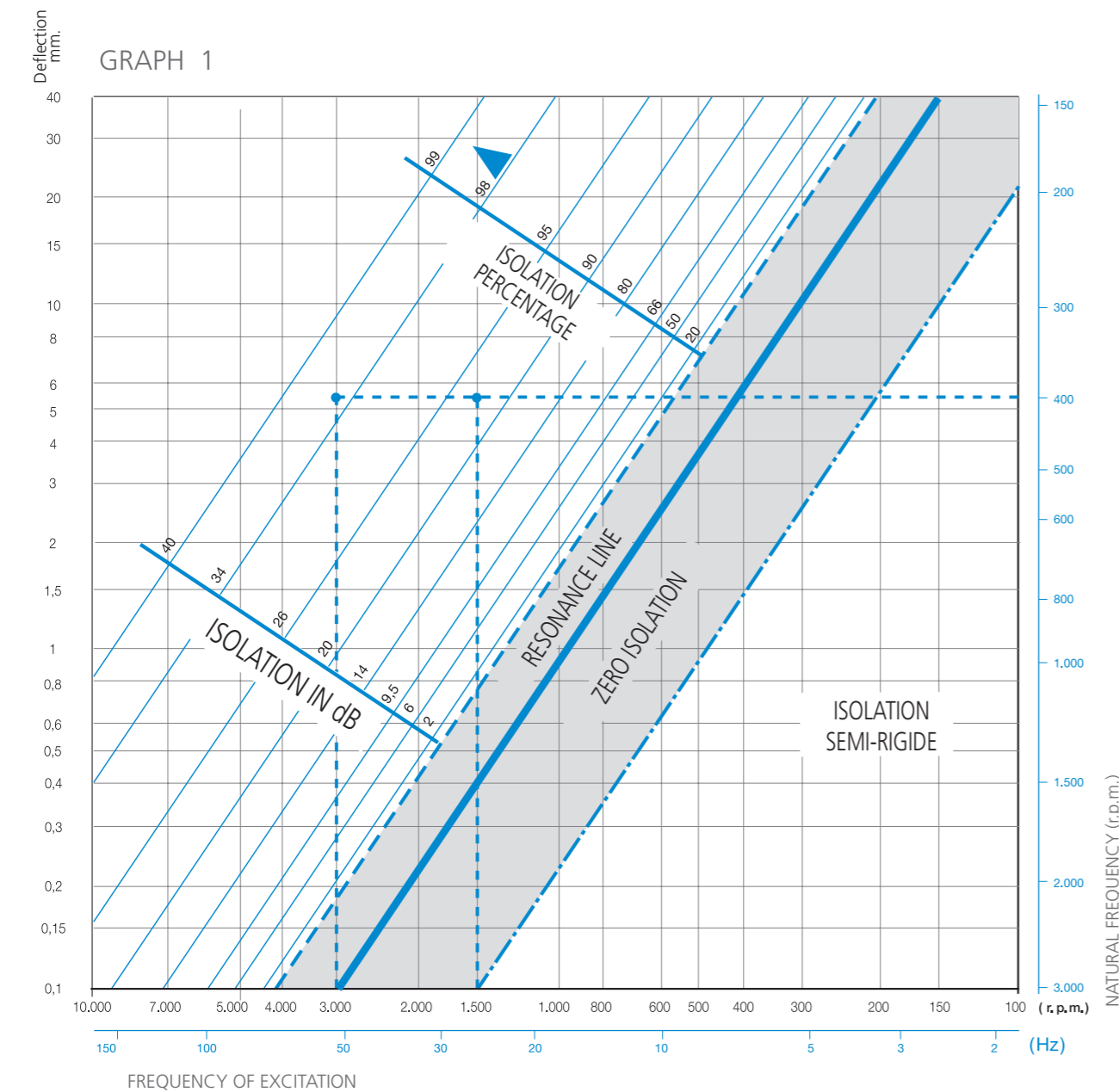
X = type

Material: PVC
Colour: black

| Part no. | X | A | B | C | D | E | F | G |
|----------|---|------|-----|-----|------|-----|-----|-----|
| 1870041 | 3 | 7,9 | 3,7 | - | 7,0 | 1,6 | 2,4 | 3,0 |
| 1870032 | 3 | 7,9 | 3,2 | - | 8,3 | 3,2 | 1,6 | 3,5 |
| 1870021 | 2 | 10,3 | 4,5 | 2,2 | 7,6 | 1,6 | 2,0 | - |
| 1870061 | 5 | 10,9 | 6,9 | - | 12,8 | 0,7 | 8,1 | - |
| 1870062 | 6 | 12,0 | 6,0 | 5,8 | 15,2 | 2,1 | 4,6 | - |

| | | | | | | | | |
|---------|---|------|------|------|------|-----|-----|-----|
| 1870012 | 1 | 15,4 | 9,8 | 12,7 | 7,0 | 1,6 | 2,7 | - |
| 1870031 | 2 | 15,8 | 6,8 | 4,0 | 9,7 | 1,5 | 5,0 | - |
| 1870081 | 8 | 17,5 | 11,1 | 13,3 | 10,0 | 2,6 | 4,0 | 4,0 |
| 1870011 | 1 | 19,0 | 12,0 | 13,1 | 6,5 | 0,8 | 3,2 | - |
| 1870013 | 1 | 19,0 | 12,8 | 15,9 | 7,5 | 1,6 | 3,2 | - |
| 1870071 | 7 | 25,3 | 12,5 | 15,3 | 20,0 | 5,0 | 4,0 | - |

VIBRATION ISOLATION GRAPH



INDEX DEPENDING ON THE APPLICATION

Mobile Applications
Engines, generators,
compressor pumps

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| MARINE X MOUNT Page 25 | MARINE MOUNTS TYPE XD Page 26 | MARINE MOUNTS TYPE XT Page 26 | HYDRAULIC MOUNTS Page 30 | HYDRAULIC CONES Page 38 | CONES Page 42 | CONES WITH FIXATION FLANGE Page 50 |
| CABIN MOUNTS Page 52 | CB Page 54 | SCH Page 56 | SCHR Page 58 | TF Page 60 | SCBR Page 61 | SCB Page 62 |
| AT Page 70 | SPS Page 73 | VD Page 74 | MARINE V-TYPE Page 75 | NP MOUNTS Page 77 | TFS Page 82 | SN Page 89 |
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Static applications:
Engines, generators,
hydraulic pumps and
compressors

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Mounts for
Heavy Loads

| | | | | | | |
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Elastic
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Rubber blocks
and mats

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| TYPE T Page 86 | TYPE C Page 86 | 300X300 Page 86 | 400X400 Page 86 | BLOCKS Page 86 |
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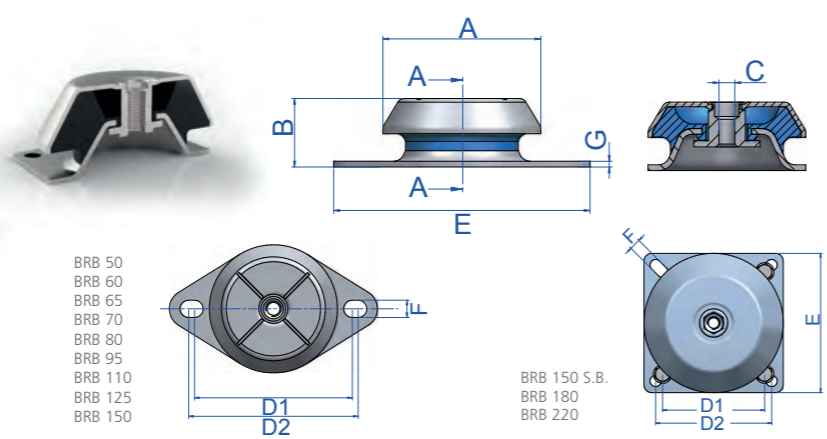
Bushings

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Others

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LIST OF PRODUCTS



BRB 50
BRB 60
BRB 65
BRB 70
BRB 80
BRB 95
BRB 110
BRB 125
BRB 150

BRB 150 S.B.
BRB 180
BRB 220

BRB

DESCRIPTION

The BRB type mounts are antivibration elements which work the rubber in shear and compression. Their tall height section produce large deflections, low natural frequencies, and excellent vibration isolation results. This range of mounts is suitable for applications where high vibration isolation in the 85-95% range is a priority.

TECHNICAL CHARACTERISTICS

- The top metal hood protects the rubber from the Ozone, UV rays, diesel or oils which damage the rubber.
- The metal parts have a suitable anticorrosive treatment for outdoor applications. RoHs compliant.
- They have an interlocking metal component that provides a fail-safe protection for mobile applications. This device limits the ascending vertical movement when the mounting is submitted to shocks at traction.
- The mounts are clearly identified, as the base-plates are engraved with the type and hardness, which makes it possible to easily recognise the part even after several years of use.
- The hood has a cross stamped on the top, which enhances its rigidity on mobile applications and also improves the evacuation of oils or liquids that precipitate onto it.

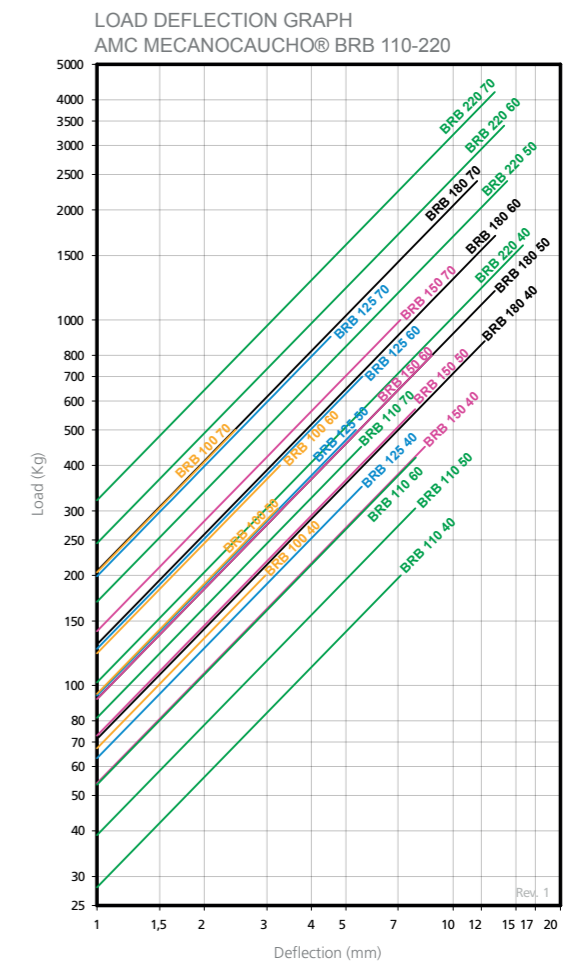
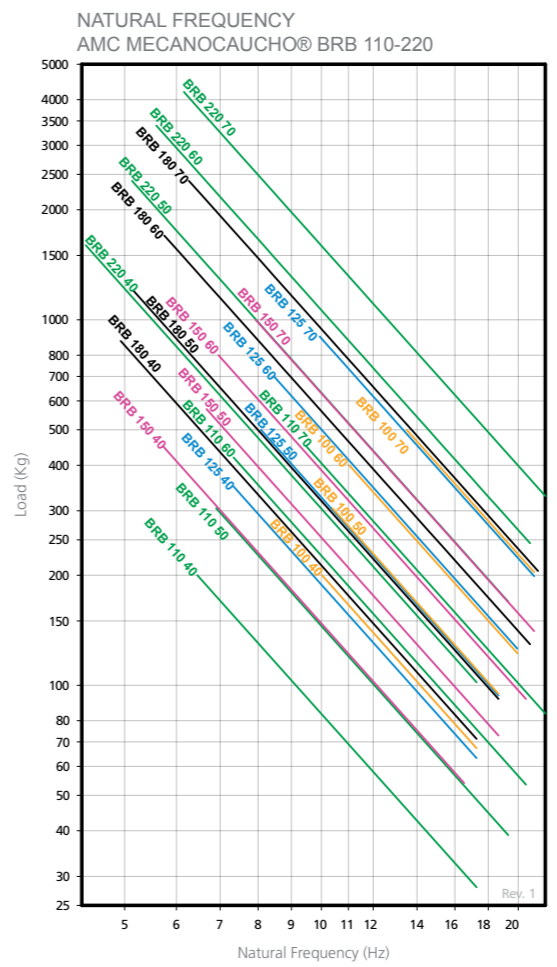
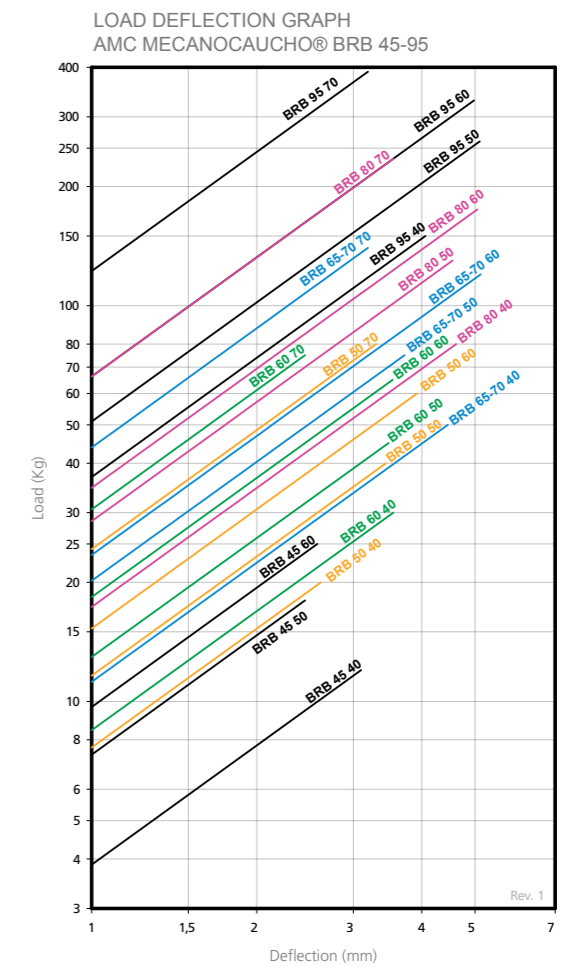
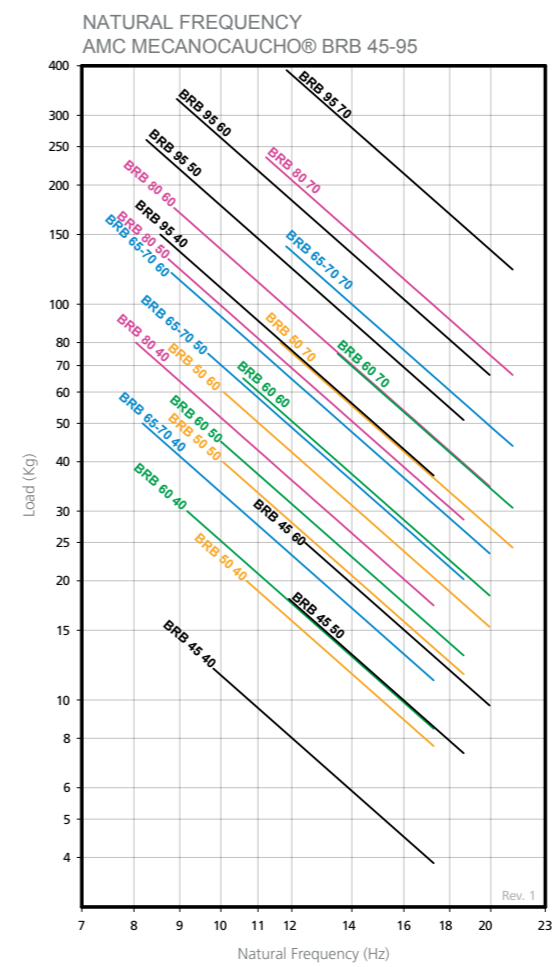
APPLICATIONS

This mount is suitable for the isolation of mobile rotating machines which are exposed to axial and radial shocks, dripping oil, diesel or exposure to the weather. It is particularly interesting for applications where a high level of vibration isolation is required.

| Type | A (mm) | B (mm) | C (mm) | D1 (Min.) | D2 (Max.) | E (mm) | F (mm) | G (mm) | Weight (gr.) | Code | Load (kg) | Shore |
|--------------|--------|--------|--------|-----------|-----------|--------|--------|--------|--------------|--------|-----------|-------|
| BRB 50 | 50 | 25 | M-8 | 61 | 70 | 85 | 6,5 | 2 | 117 | 135451 | 20 | 40 Sh |
| | | | | | | | | | | 135453 | 40 | 50 Sh |
| | | | | | | | | | | 135455 | 60 | 60 Sh |
| | | | | | | | | | | 135457 | 80 | 70 Sh |
| BRB 60 | 64 | 35 | M-10 | 76,5 | 90,5 | 110 | 9 | 2,5 | 225 | 135101 | 30 | 40 Sh |
| | | | | | | | | | | 135405 | 45 | 50 Sh |
| | | | | | | | | | | 135103 | 65 | 60 Sh |
| | | | | | | | | | | 135104 | 75 | 70 Sh |
| BRB 65 M10 | 64 | 35 | M-10 | 76,5 | 90,5 | 110 | 9 | 2,5 | 243 | 135421 | 50 | 40 Sh |
| | | | | | | | | | | 135422 | 75 | 50 Sh |
| | | | | | | | | | | 135423 | 120 | 60 Sh |
| | | | | | | | | | | 135424 | 140 | 70 Sh |
| BRB 65 M12 | 64 | 35 | M-12 | 76,5 | 90,5 | 110 | 9 | 2,5 | 243 | 135431 | 50 | 40 Sh |
| | | | | | | | | | | 135432 | 75 | 50 Sh |
| | | | | | | | | | | 135433 | 120 | 60 Sh |
| | | | | | | | | | | 135434 | 140 | 70 Sh |
| BRB 70 | 64 | 35 | M-12 | 100 | 100 | 120 | 11 | 3 | 253 | 135251 | 50 | 40 Sh |
| | | | | | | | | | | 135252 | 75 | 50 Sh |
| | | | | | | | | | | 135253 | 120 | 60 Sh |
| | | | | | | | | | | 135254 | 140 | 70 Sh |
| BRB 80 M10 | 83 | 35 | M-10 | 108 | 112 | 135 | 11 | 3 | 398 | 135231 | 80 | 40 Sh |
| | | | | | | | | | | 135232 | 130 | 50 Sh |
| | | | | | | | | | | 135233 | 175 | 60 Sh |
| | | | | | | | | | | 135234 | 235 | 70 Sh |
| BRB 80 M12 | 83 | 35 | M-12 | 108 | 112 | 135 | 11 | 3 | 398 | 135275 | 80 | 40 Sh |
| | | | | | | | | | | 135276 | 130 | 50 Sh |
| | | | | | | | | | | 135277 | 175 | 60 Sh |
| | | | | | | | | | | 135278 | 235 | 70 Sh |
| BRB 95 M10 | 92 | 39 | M-10 | 122 | 126,6 | 150 | 10 | 3 | 657 | 135771 | 150 | 40 Sh |
| | | | | | | | | | | 135772 | 260 | 50 Sh |
| | | | | | | | | | | 135773 | 330 | 60 Sh |
| | | | | | | | | | | 135774 | 390 | 70 Sh |
| BRB 95 M12 | 92 | 39 | M-12 | 122 | 126,6 | 150 | 10 | 3 | 657 | 135761 | 150 | 40 Sh |
| | | | | | | | | | | 135762 | 260 | 50 Sh |
| | | | | | | | | | | 135763 | 330 | 60 Sh |
| | | | | | | | | | | 135764 | 390 | 70 Sh |
| BRB 110 M12 | 106 | 41 | M-12 | 137 | 149 | 175 | 13 | 3 | 857 | 135241 | 200 | 40 Sh |
| | | | | | | | | | | 135242 | 305 | 50 Sh |
| | | | | | | | | | | 135243 | 420 | 60 Sh |
| | | | | | | | | | | 135244 | 450 | 70 Sh |
| BRB 110 M16 | 106 | 41 | M-16 | 137 | 149 | 175 | 13 | 3 | 857 | 135331 | 200 | 40 Sh |
| | | | | | | | | | | 135332 | 305 | 50 Sh |
| | | | | | | | | | | 135333 | 420 | 60 Sh |
| | | | | | | | | | | 135334 | 450 | 70 Sh |
| BRB 125 | 123 | 48 | M-16 | 154 | 162 | 190 | 14 | 4 | 1170 | 135618 | 350 | 40 Sh |
| | | | | | | | | | | 135620 | 500 | 50 Sh |
| | | | | | | | | | | 135622 | 700 | 60 Sh |
| | | | | | | | | | | 135624 | 900 | 70 Sh |
| BRB 150 S.B. | 156 | 53,5 | M-16 | 125 | 132 | 164 | 14,5 | 4 | 2030 | 135205 | 450 | 40 Sh |
| | | | | | | | | | | 135206 | 570 | 50 Sh |
| | | | | | | | | | | 135207 | 800 | 60 Sh |
| | | | | | | | | | | 135208 | 1000 | 70 Sh |
| BRB 150 | 156 | 53,5 | M-16 | 176 | 188 | 218 | 14,5 | 4 | 1840 | 135161 | 450 | 40 Sh |
| | | | | | | | | | | 135162 | 570 | 50 Sh |
| | | | | | | | | | | 135163 | 800 | 60 Sh |
| | | | | | | | | | | 135164 | 1000 | 70 Sh |
| BRB 180 | 186 | 84 | M-20 | 146 | 150 | 181 | 14 | 5 | 3800 | 135391 | 875 | 40 Sh |
| | | | | | | | | | | 135392 | 1200 | 50 Sh |
| | | | | | | | | | | 135393 | 1700 | 60 Sh |
| | | | | | | | | | | 135394 | 2400 | 70 Sh |
| BRB 220 | 230 | 105 | M-24 | 180 | 180 | 220 | 19 | 6 | 6716 | 135201 | 1600 | 40 Sh |
| | | | | | | | | | | 135200 | 2400 | 50 Sh |
| | | | | | | | | | | 135202 | 3400 | 60 Sh |
| | | | | | | | | | | 135203 | 4200 | 70 Sh |

S.B. = Square Base

MARINE CERTIFICATES



BSB

DESCRIPTION

The BSB type mounts are anti-vibration elements which work the rubber in shear and compression with an optimal ratio of stiffness and horizontal stability. These mounts are really interesting when stability is a priority in an anti-vibration suspension.

In applications where the degree of isolation is a priority, we must choose the BRB-type range of anti-vibration mounts.

TECHNICAL CHARACTERISTICS

- The top metal hood protects the rubber from the Ozone, UV rays, diesel or oils which may cause major damage to the rubber.
- The metal parts have a suitable anticorrosive treatment for outdoor applications. RoHs compliant.
- They have an interlocking metal component that provides a fail-safe protection for mobile applications. This device limits the ascending vertical movement when the mounting is submitted to shocks at traction.
- The mounts are clearly identified, as the baseplates are engraved with the type and hardness, which makes it possible to easily recognise the part even after several years of use.
- The hood has a cross stamped on the top, which enhances its stiffness on mobile applications and also improves the evacuation of oils or liquids that splash onto it.

APPLICATIONS

In mobile rotating machines that require control of movements and reasonable values of vibrations and noise, such as:

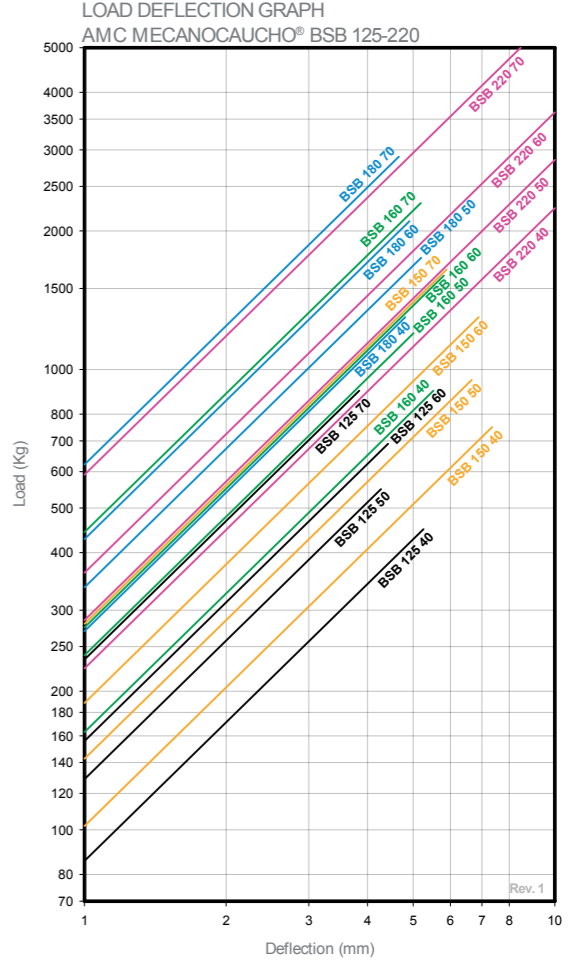
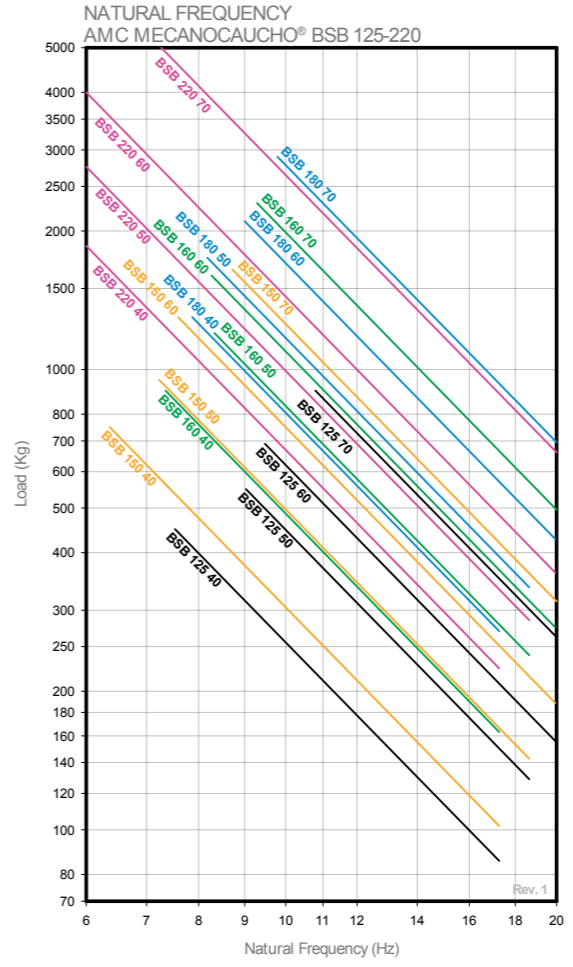
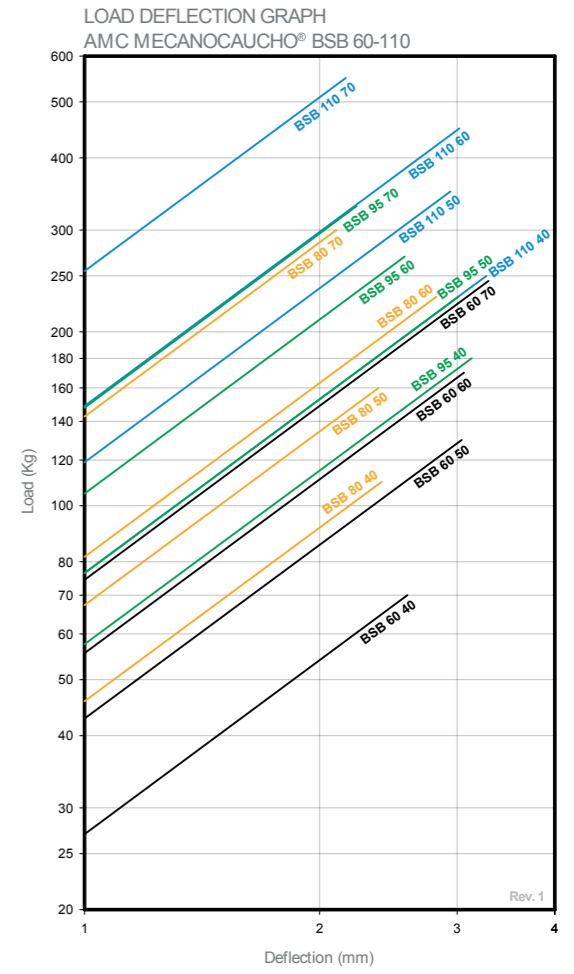
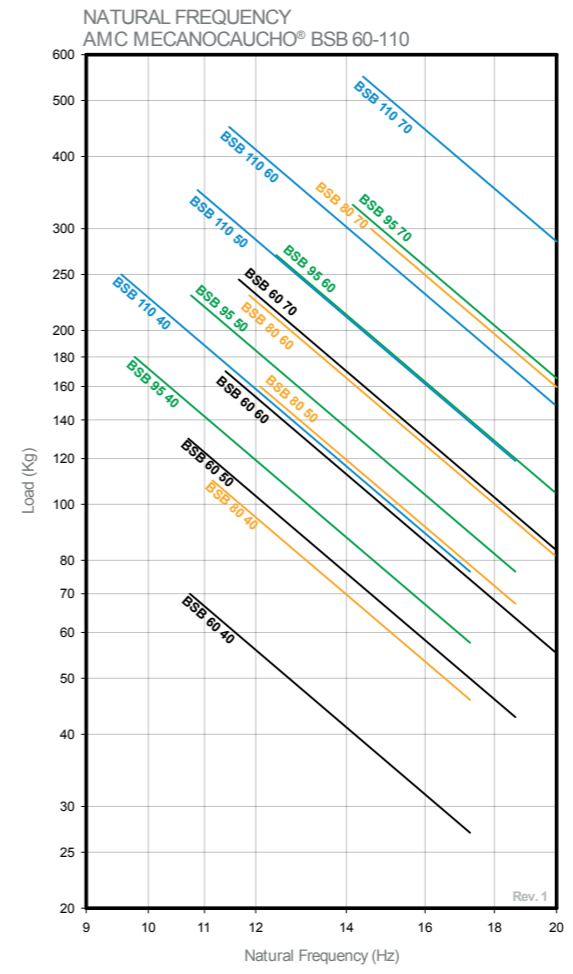
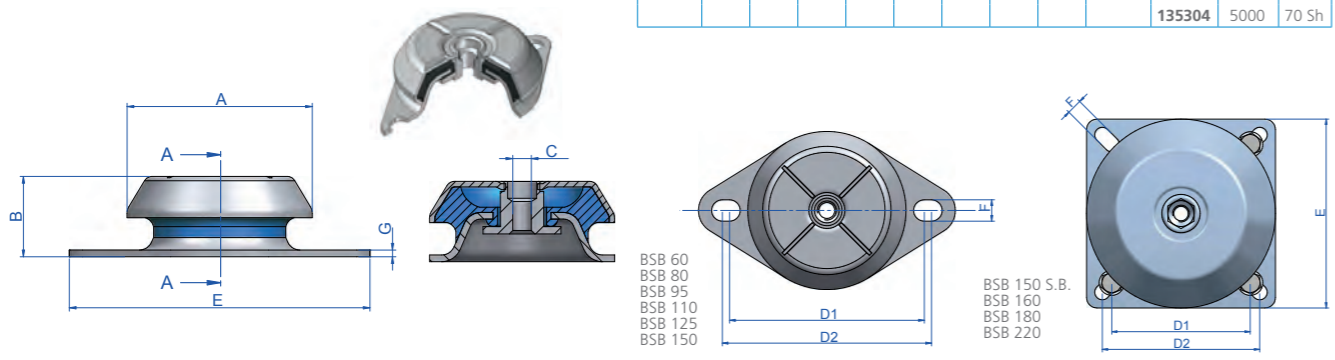
Pumps, Marine-Land auxiliary units, Industrial Vehicles, Compressors, Ventilators...

This mount is suitable for the isolation of mobile rotating machines which are exposed to axial and radial shocks, dripping oil or diesel or exposure to the weather.



| Type | A (mm) | B (mm) | C (mm) | D1 (Min.) | D2 (Max.) | E (mm) | F (mm) | G (mm) | Weight (gr.) | Code | Load (kg) | Shore |
|--------------|--------|--------|--------|-----------|-----------|--------|--------|--------|--------------|--------|-----------|-------|
| BSB 60 | 64 | 34 | M-10 | 76,5 | 90,5 | 110 | 9 | 2,5 | 235 | 135106 | 70 | 40 Sh |
| | | | | | | | | | | 135109 | 130 | 50 Sh |
| | | | | | | | | | | 135107 | 170 | 60 Sh |
| | | | | | | | | | | 135108 | 245 | 70 Sh |
| BSB 80 M10 | 78 | 31 | M-10 | 108,2 | 111,2 | 130 | 9,2 | 3 | 355 | 135261 | 110 | 40 Sh |
| | | | | | | | | | | 135262 | 160 | 50 Sh |
| | | | | | | | | | | 135263 | 230 | 60 Sh |
| | | | | | | | | | | 135264 | 300 | 70 Sh |
| BSB 80 M12 | 78 | 31 | M-12 | 108,2 | 111,2 | 130 | 9,2 | 3 | 351 | 135265 | 110 | 40 Sh |
| | | | | | | | | | | 135266 | 160 | 50 Sh |
| | | | | | | | | | | 135267 | 230 | 60 Sh |
| | | | | | | | | | | 135268 | 300 | 70 Sh |
| BSB 95 M10 | 92 | 34 | M-10 | 122 | 126,4 | 150 | 10 | 3 | 488 | 135311 | 180 | 40 Sh |
| | | | | | | | | | | 135312 | 230 | 50 Sh |
| | | | | | | | | | | 135313 | 270 | 60 Sh |
| | | | | | | | | | | 135314 | 330 | 70 Sh |
| BSB 95 M12 | 92 | 34 | M-12 | 122 | 126,4 | 150 | 10 | 3 | 488 | 135315 | 180 | 40 Sh |
| | | | | | | | | | | 135316 | 230 | 50 Sh |
| | | | | | | | | | | 135317 | 270 | 60 Sh |
| | | | | | | | | | | 135318 | 330 | 70 Sh |
| BSB 110 M12 | 106 | 37 | M-12 | 137 | 150 | 175 | 13 | 3 | 785 | 135335 | 250 | 40 Sh |
| | | | | | | | | | | 135336 | 350 | 50 Sh |
| | | | | | | | | | | 135337 | 450 | 60 Sh |
| | | | | | | | | | | 135338 | 550 | 70 Sh |
| BSB 110 M16 | 106 | 37 | M-16 | 137 | 150 | 175 | 13 | 3 | 785 | 135150 | 250 | 40 Sh |
| | | | | | | | | | | 135151 | 350 | 50 Sh |
| | | | | | | | | | | 135152 | 450 | 60 Sh |
| | | | | | | | | | | 135153 | 550 | 70 Sh |
| BSB 125 | 123 | 43 | M-16 | 154 | 162 | 190 | 14 | 4 | 1109 | 135351 | 450 | 40 Sh |
| | | | | | | | | | | 135352 | 550 | 50 Sh |
| | | | | | | | | | | 135353 | 690 | 60 Sh |
| | | | | | | | | | | 135354 | 900 | 70 Sh |
| BSB 150 S.B. | 156 | 49 | M-16 | 125 | 132 | 164 | 14,5 | 4 | 2060 | 135371 | 750 | 40 Sh |
| | | | | | | | | | | 135372 | 950 | 50 Sh |
| | | | | | | | | | | 135373 | 1300 | 60 Sh |
| | | | | | | | | | | 135374 | 1650 | 70 Sh |
| BSB 150 | 156 | 49 | M-16 | 176 | 188 | 218 | 14,5 | 4 | 1818 | 135361 | 750 | 40 Sh |
| | | | | | | | | | | 135362 | 950 | 50 Sh |
| | | | | | | | | | | 135363 | 1300 | 60 Sh |
| | | | | | | | | | | 135364 | 1650 | 70 Sh |
| BSB 160 | 156 | 57 | M-20 | 140 | 140 | 170 | 14,5 | 4 | 2200 | 135381 | 900 | 40 Sh |
| | | | | | | | | | | 135382 | 1200 | 50 Sh |
| | | | | | | | | | | 135383 | 1600 | 60 Sh |
| | | | | | | | | | | 135384 | 2300 | 70 Sh |
| BSB 180 | 180 | 67 | M-20 | 149 | 163 | 192 | 14,5 | 4 | 3800 | 135181 | 1300 | 40 Sh |
| | | | | | | | | | | 135184 | 1750 | 50 Sh |
| | | | | | | | | | | 135182 | 2100 | 60 Sh |
| | | | | | | | | | | 135183 | 2900 | 70 Sh |
| BSB 220 | 230 | 105 | M-24 | 180 | 180 | 220 | 19 | 6 | 6716 | 135301 | 2500 | 40 Sh |
| | | | | | | | | | | 135302 | 3200 | 50 Sh |
| | | | | | | | | | | 135303 | 4000 | 60 Sh |
| | | | | | | | | | | 135304 | 5000 | 70 Sh |

S.B. = Square Base

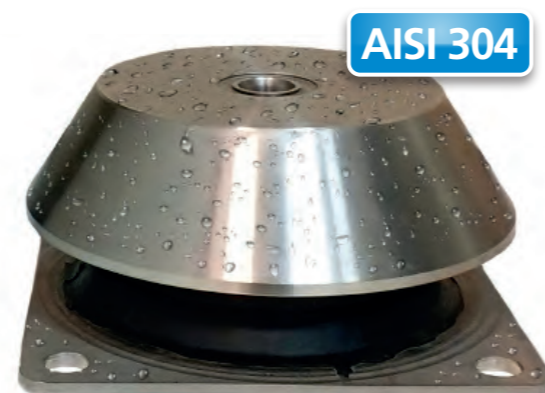


BRBX

APPLICATIONS

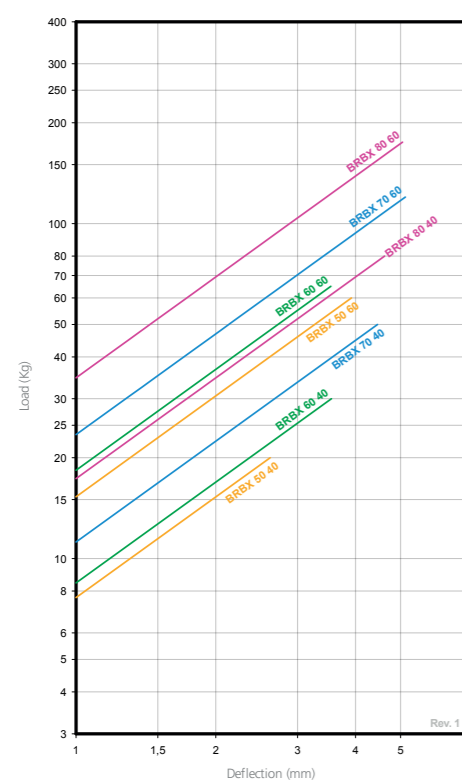
BRBX Captive anti vibration mounts are anti vibration elements which work the rubber in shear and compression. Their high profile rubber sections produce larger deflections, low natural frequencies. This range of mounts is suitable for applications where vibration isolation is a priority.

BRBX Captive mount is especially recommended for applications where vibration isolation is necessary, such as isolation of rotating or mobile machines that are continuously subjected to shocks, dripping oil or diesel or are exposed to the elements.

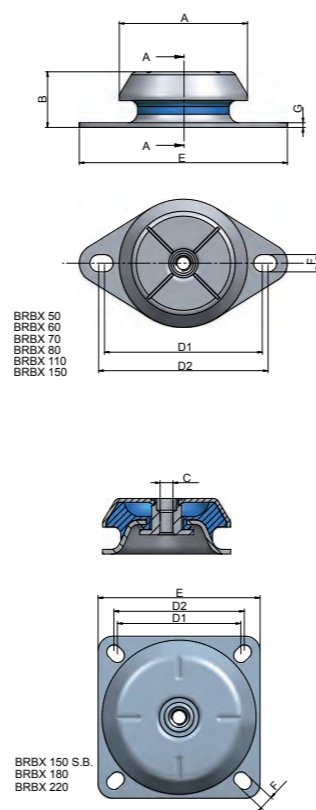
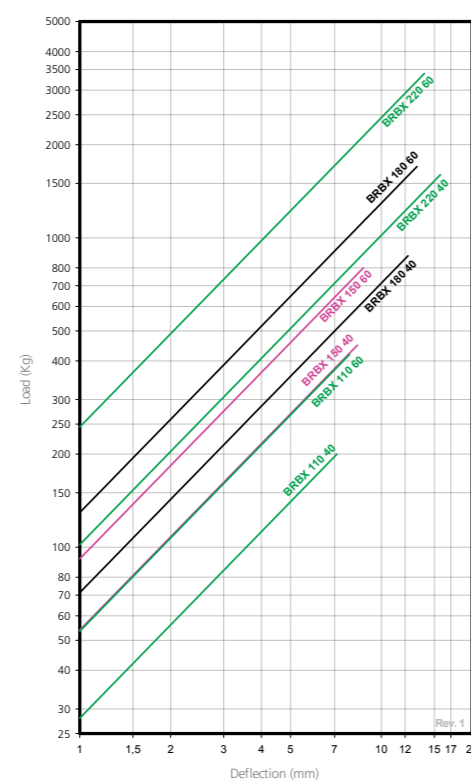


AISI 304

LOAD DEFLECTION GRAPH BRBX 50-80



LOAD DEFLECTION GRAPH BRBX 110-220



| Type | A (mm) | B (mm) | C (mm) | D1 (Min.) | D2 (Máx.) | E (mm) | F (mm) | G (mm) | Weight (gr.) | Load (kg) | Shore | Code |
|---------------|--------|--------|--------|-----------|-----------|--------|--------|--------|--------------|-----------|-------|--------|
| BRBX 50 | 50 | 25 | M-8 | 61 | 70 | 85 | 6,5 | 2 | 117 | 20 | 40Sh | 135969 |
| | | | | | | | | | | 60 | 60Sh | 135973 |
| BRBX 60 | 64 | 35 | M-10 | 76,5 | 90,5 | 110 | 9 | 2,5 | 225 | 30 | 40Sh | 135687 |
| | | | | | | | | | | 65 | 60Sh | 135914 |
| BRBX 70 | 64 | 35 | M-12 | 100 | 100 | 120 | 11 | 3 | 253 | 50 | 40Sh | 135935 |
| | | | | | | | | | | 120 | 60Sh | 135936 |
| BRBX 80 | 83 | 35 | M-12 | 108 | 112 | 135 | 11 | 3 | 398 | 80 | 40Sh | 135956 |
| | | | | | | | | | | 175 | 60Sh | 135949 |
| BRBX 110 | 106 | 41 | M-12 | 137 | 149 | 175 | 13 | 3 | 857 | 200 | 40Sh | 135735 |
| | | | | | | | | | | 420 | 60Sh | 135736 |
| BRBX 150 | 156 | 53,5 | M-16 | 176 | 188 | 218 | 14,5 | 4 | 1840 | 450 | 40Sh | 135975 |
| | | | | | | | | | | 800 | 60Sh | 135984 |
| BRBX 150 S.B. | 156 | 53,5 | M-16 | 125 | 132 | 164 | 14,5 | 4 | 2030 | 450 | 40Sh | 135993 |
| | | | | | | | | | | 800 | 60Sh | 135994 |
| BRBX 180 | 186 | 84 | M-20 | 146 | 150 | 181 | 14 | 5 | 3800 | 875 | 40Sh | 135396 |
| | | | | | | | | | | 1700 | 60Sh | 135466 |
| BRBX 220 | 230 | 105 | M-24 | 180 | 180 | 220 | 19 | 6 | 6716 | 1600 | 40Sh | 135461 |
| | | | | | | | | | | 3400 | 60Sh | 135463 |

BRT

DESCRIPTION

BRT engine mounts are antivibration elements which work the rubber in shear and compression with an optimal ratio of stiffness and horizontal stability. These engine mounts are really applicable as stabilizers of electrical cabinets or racks. Thanks to the robust fail safe architecture it is useful in applications where the box type assembly is submitted to shocks.

TECHNICAL CHARACTERISTICS

- The top metal hood protects the rubber from the Ozone, UV rays, diesel or oils which may cause major damage to the rubber.
- The metal parts have a suitable anticorrosive treatment for outdoor applications. RoHs compliant.
- They have an interlocking metal component that provides a fail-safe protection for mobile applications. This device limits vertical movement when the mounting is submitted to shock inputs.
- The mounts are clearly identified, as the baseplates are engraved with the type and hardness, which makes it possible to easily recognise the part even after several years of use.
- The hood has a cross stamped on the top, which enhances its stiffness on mobile applications and also improves the evacuation of oils or liquids that splash onto it.

APPLICATIONS

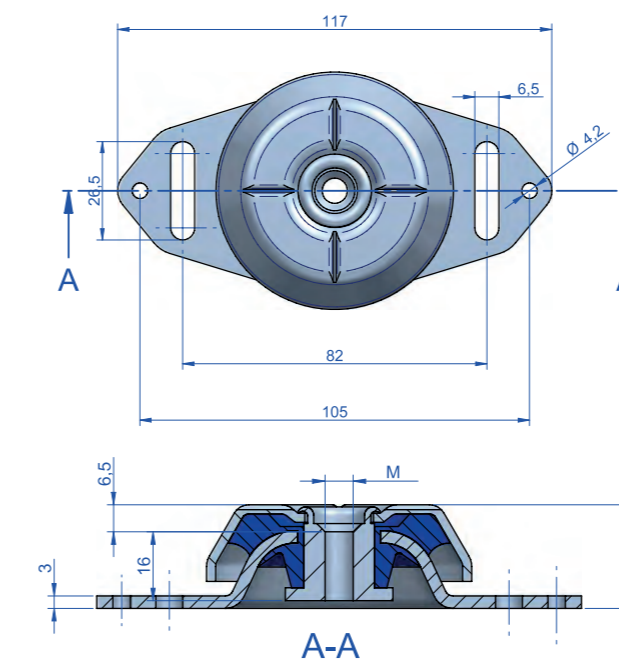
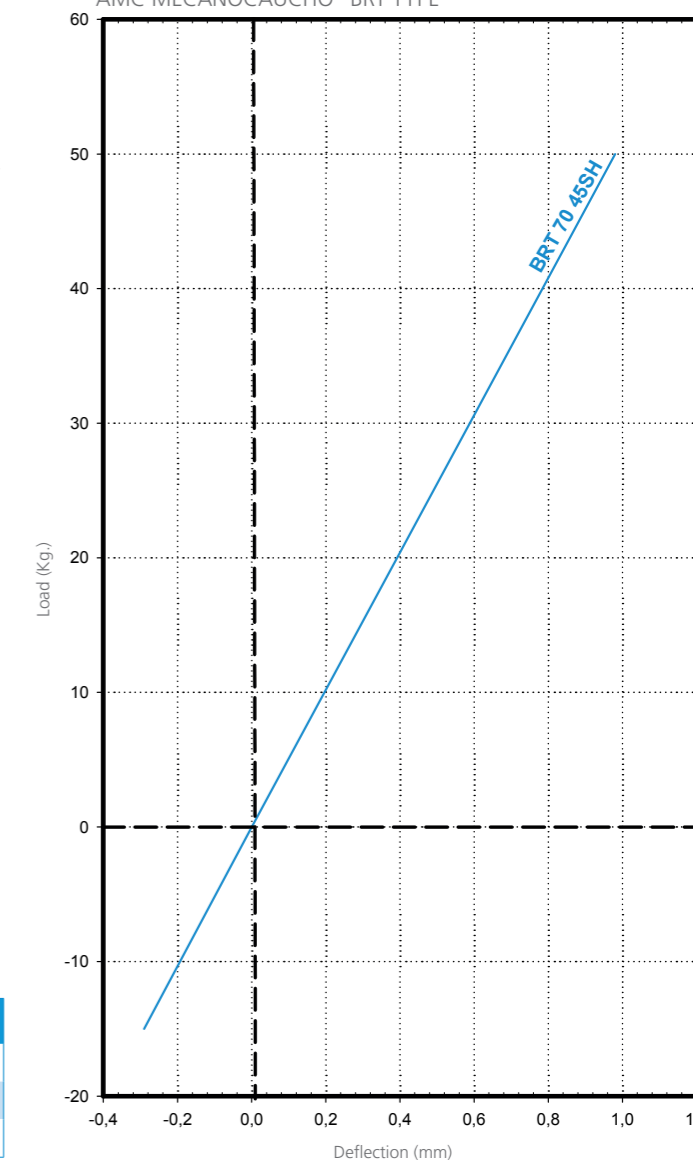
This mount is suitable for mobile boxes or racks that require greater control of movement due to axial and radial shock inputs providing reasonable values of vibration and noise attenuation, such as:

Electrical cabinets, Pumps, Marine-Land auxiliary units, Industrial Vehicles, Compressors, Ventilators...

This mount is suitable for the isolation of mobile rotating machines which are exposed to axial and radial shocks, dripping oil or diesel or exposure to weathering.

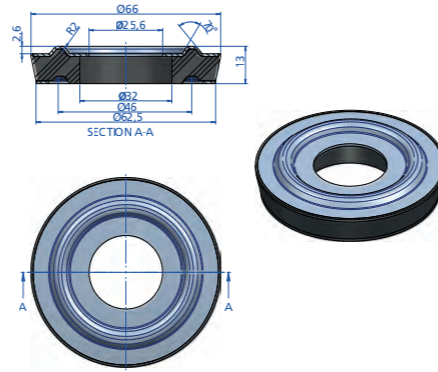


LOAD DEFLECTION GRAPH
AMC MECANOCAUCHO® BRT TYPE



| Type | Shore | Static Load max. daN | Dynamic Load max. daN | Code | M |
|--------|-------|----------------------|-----------------------|--------|------|
| BRT 70 | 45 Sh | 50 | 150 | 135805 | M-6 |
| | | | | 135806 | M-8 |
| | | | | 135807 | M-10 |

Type AN-60



APPLICATIONS

type AN-60 anti vibration mounts can be used from the suspension of vibratory equipment to Tune mass dampers or mobile applications that are exposed to compression and traction forces:

- The assembly on board of equipment on ships
- Railroads
- Road Transport
- Engines
- Pumps
- Generating sets

| Type | Shore | Deflection mm | Weight (kg) | Max. Load (kg) | Code |
|-------|-------|---------------|-------------|----------------|--------|
| AN-60 | 60Sh | 1,8 | 0,05 | 700 | 180239 |

MD

DESCRIPTION

The MD-type mounts have similar architecture to the BSB and BRB. The advantage of this mount is that it is a high-damping elastic compound.

Its special mix affords it a high degree of anti-vibration isolation and offers great stability to suspended equipment.

TECHNICAL CHARACTERISTICS

- The top metal cap protects the rubber section from possible diesel, oil splashes.
- It has an electrolytic coating that protects the metal parts against corrosion.
- The mounts have an interlocking metal component that provides fail-safe protection for mobile applications. This device limits vertical movement when the mounts are subjected to shock loads in transit.

APPLICATIONS

This mount has been specially designed to isolate engines that produce high-amplitude vibrations.

Engines from 1 to 3 cylinders used on - Motor Pumps, Gen Sets, Compressors, Ventilators...

WHEN TO USE THEM?

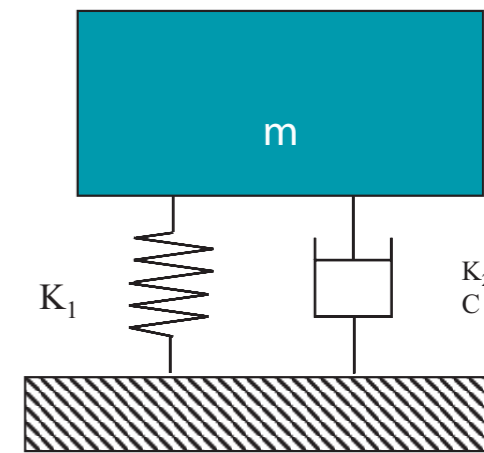
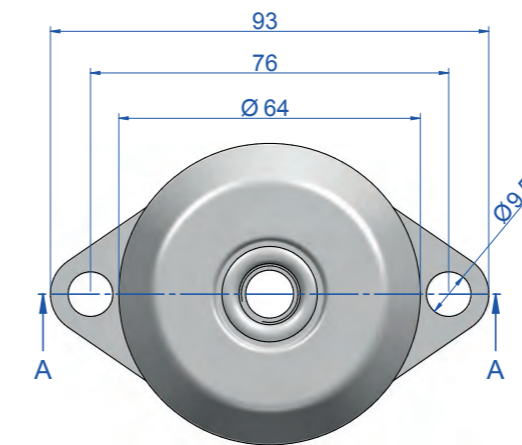
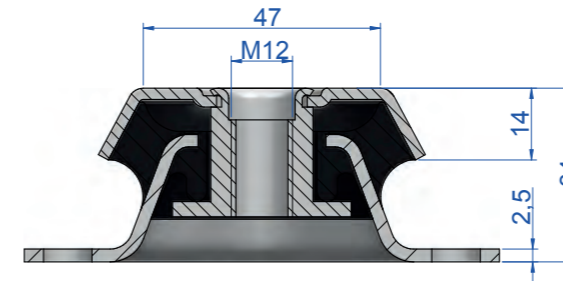
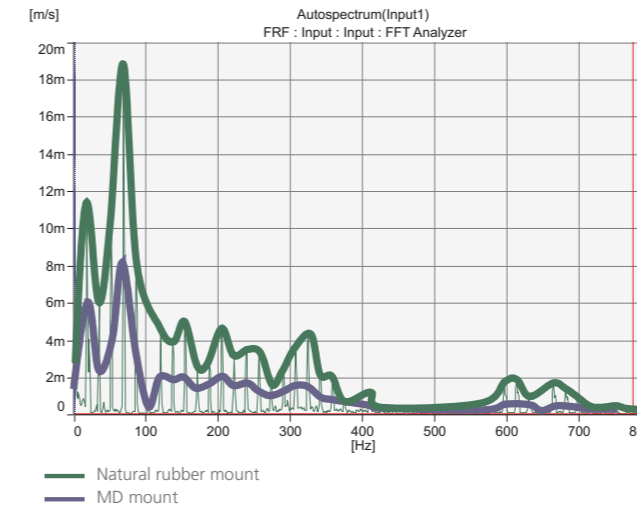
The MD-type mount has an anti-vibration mount function but also an engine stabilizer. It is used when conventional rubber-metal mounts do not guarantee sufficient stability to the engines. The MD mount can be installed on small 1, 2 and 3 cylinder engines, which are particularly unstable.

These mounts are suitable for the suspension of machines with multiple stops and

starts, and for which the passage through the resonance zone requires a high degree of damping, or which work under regimes close to the resonance frequency of the system. Diesel engines require MD mounts, especially if they have few cylinders and a large diameter because the engine then creates high amplitude vibrations which can only be corrected with increased damping.

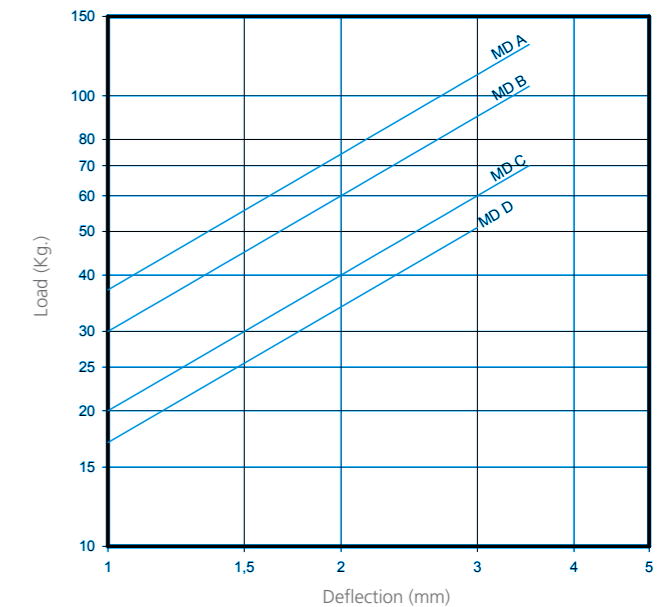


VIBRATION LEVEL MEASURED IN THE ENGINE

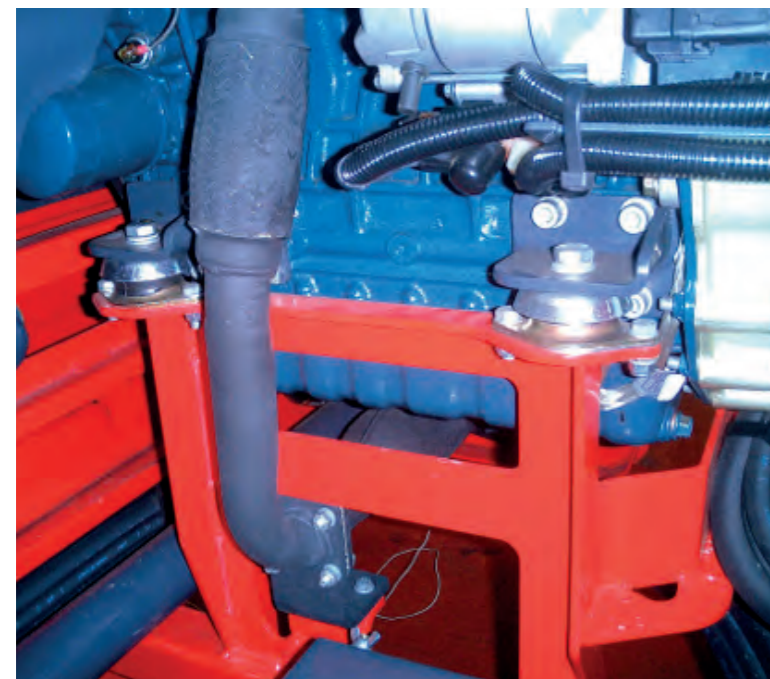


K1= Main stiffness - K2= Secondary stiffness
C= Damping coefficient - m= Mass

AMC LOAD DEFLECTION GRAPH
MECANOCAUCHO® MD TYPE



| Type | Load (kg) | Weight (gr.) | Code |
|------|-----------|--------------|--------|
| A | 130 | 238 | 135210 |
| B | 105 | 238 | 135212 |
| C | 70 | 238 | 135213 |
| D | 50 | 238 | 135219 |



It is a very suitable mount for engines where it is not physically possible to install the antivibration mounts at the same height as the crankshaft.

MARINE MOUNTS

DESCRIPTION

The Marine-type mounts are ideal for mobile applications thanks to their rugged architecture.

Their special design offers different stiffnesses on the three axes, they are antivibration mounts with great vertical elasticity, great longitudinal stiffness and optimal lateral stiffness to offer extra isolation on this axis.

TECHNICAL CHARACTERISTICS

- The top part of the hood has a cross-shaped stamp, which improves its stiffness in mobile applications and also improves the evacuation of oils or liquid which splash onto it.
- The metal parts have an anticorrosive treatment which is suitable for outdoor applications. RoHS compliant.
- The mounts are clearly identified, as the bases are engraved with the type and hardness.
- They have an interlocking metal component that provides a fail-safe protection for mobile applications. This device limits the ascending vertical movement when the mounting is submitted to shocks at traction.
- The top part protects the elastomer inside from possible dripping oil, diesel, ozone and ultraviolet emissions that may cause major damage to the rubber.
- The different stiffnesses for each axis make it possible to offer major flexibility in the direction perpendicular to the crankshaft/shaft of the motor. This provides more effective isolation from vibrations of all types of engines.
- For marine engine applications, contact the AMC-MECANOCAUCHO® technical department.

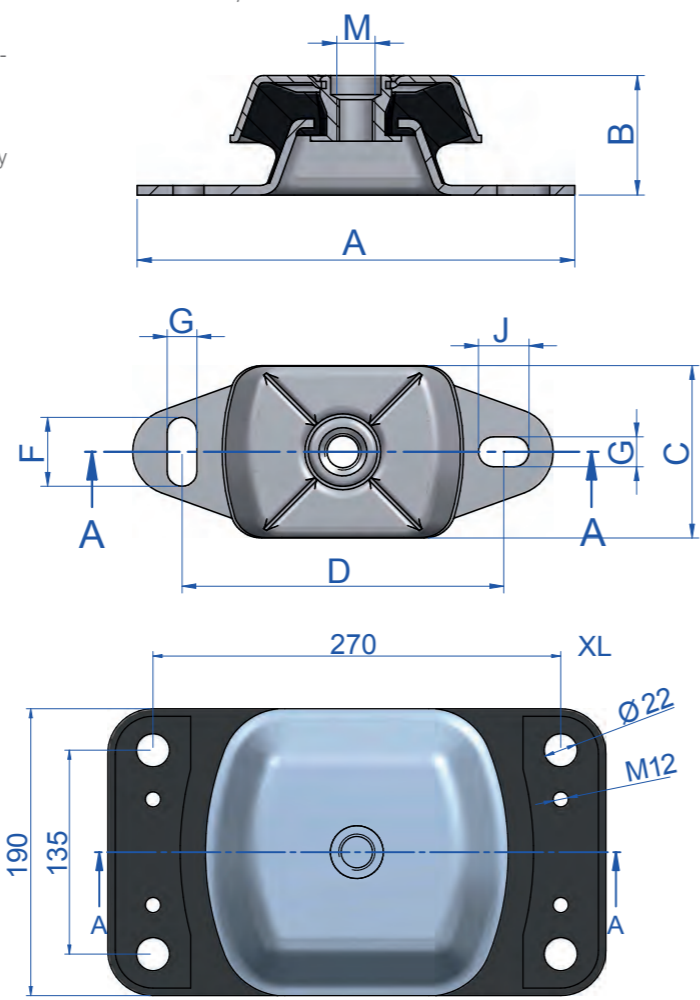
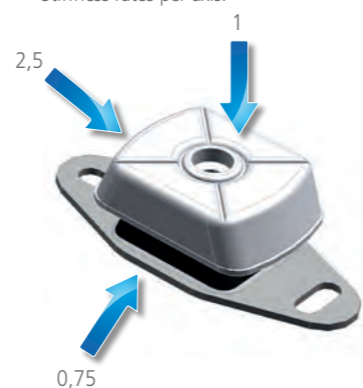
APPLICATIONS

In mobile rotating machines that need a major isolation capacity from vibrations and noises, such as:

- Pumps
- Marine-Land units
- Mobile electrical panels
- Industrial vehicles
- Compressors
- Ventilators
- Marine Propellers



Stiffness rates per axis.



Drawing Marine XL

CERTIFICATS MARITIMES



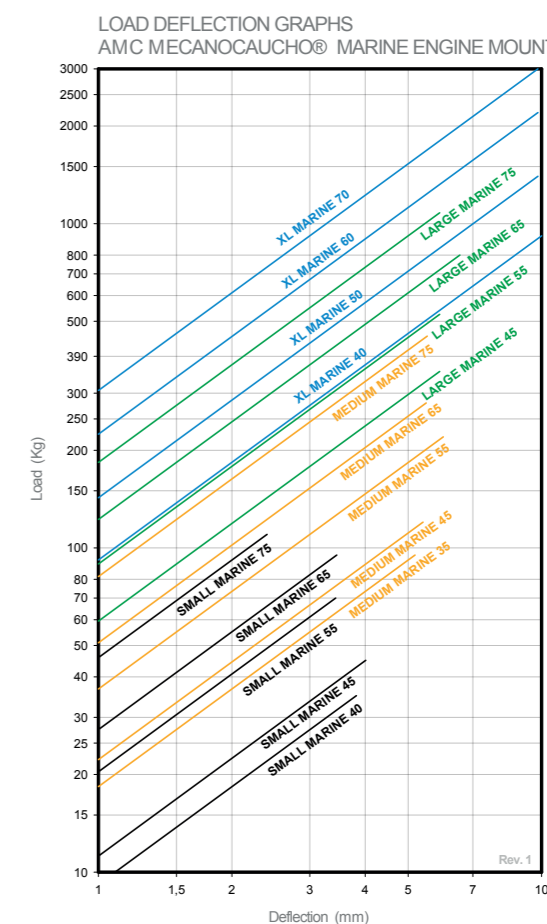
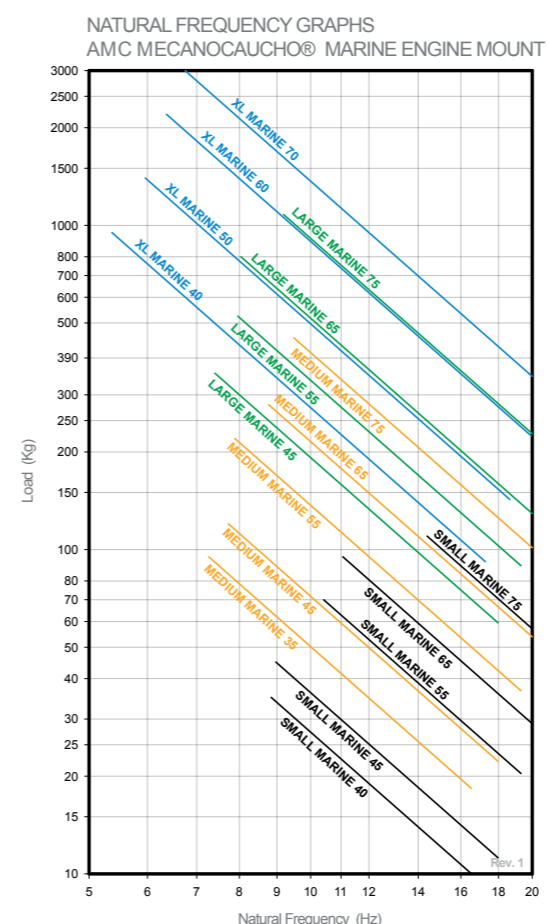
MARINE MOUNT

| Type | A (mm.) | B (mm.) | C (mm.) | D (mm.) | F (mm.) | G (mm.) | J (mm.) | M | Weight (gr.) | Code | Load (kg) | Shore |
|--------|---------|---------|---------|---------|---------|---------|---------|-----|--------------|--------|-----------|-------|
| SMALL | 120 | 40 | 60 | 100 | 14 | 11 | 11 | M12 | 397 | 136001 | 35 | 40 Sh |
| | | | | | | | | | | 136002 | 45 | 45 Sh |
| | | | | | | | | | | 136003 | 70 | 55 Sh |
| | | | | | | | | | | 136004 | 95 | 65 Sh |
| | | | | | | | | | | 136005 | 110 | 75 Sh |
| MEDIUM | 184 | 50 | 75 | 140 | 30 | 13 | 22 | M16 | 857 | 136021 | 95 | 35 Sh |
| | | | | | | | | | | 136022 | 120 | 45 Sh |
| | | | | | | | | | | 136023 | 220 | 55 Sh |
| | | | | | | | | | | 136024 | 280 | 65 Sh |
| | | | | | | | | | | 136025 | 400 | 75 Sh |
| LARGE | 228 | 68 | 112 | 182 | 34 | 18 | 26 | M20 | 2250 | 136041 | 350 | 45 Sh |
| | | | | | | | | | | 136042 | 525 | 55 Sh |
| | | | | | | | | | | 136043 | 800 | 65 Sh |
| | | | | | | | | | | 136044 | 1080 | 75 Sh |
| | | | | | | | | | | 136061 | 950 | 40 Sh |
| XL | 330 | 112 | 190 | 270 | 22 | 22 | 22 | M24 | 9600 | 136062 | 1400 | 50 Sh |
| | | | | | | | | | | 136063 | 2200 | 60 Sh |
| | | | | | | | | | | 136064 | 3000 | 70 Sh |



MARINE X MOUNT

| Type | A (mm.) | B (mm.) | C (mm.) | D (mm.) | F (mm.) | G (mm.) | J (mm.) | M | Weight (gr.) | Code | Load (kg) | Shore |
|-------------|---------|---------|---------|---------|---------|---------|---------|-----|--------------|--------|-----------|-------|
| SMALL INOX | 120 | 40 | 60 | 100 | 14 | 11 | 11 | M12 | 397 | 136216 | 45 | 45 Sh |
| MEDIUM INOX | 184 | 50 | 75 | 140 | 30 | 13 | 22 | M16 | 857 | 136220 | 70 | 55 Sh |
| | | | | | | | | | | 136217 | 95 | 65 Sh |
| | | | | | | | | | | 136269 | 120 | 45 Sh |
| | | | | | | | | | | 136277 | 220 | 55 Sh |
| | | | | | | | | | | 136270 | 280 | 65 Sh |



MARINE MOUNT TYPE XD

DESCRIPTION

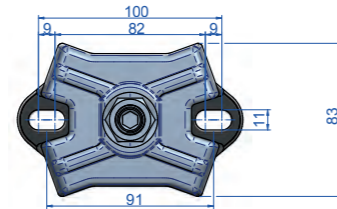
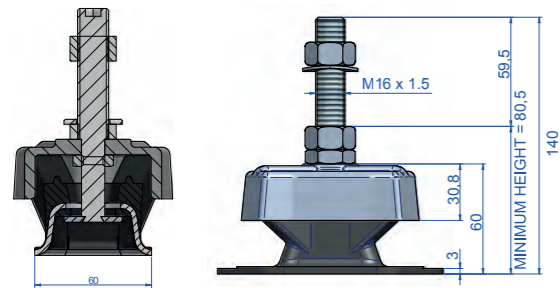
The XD Marine type mounts are ideal for mobile applications where a higher degree of isolation is required.

Its specific design allows lower vertical and radial stiffness rates. This feature is particularly useful on those applications where a high vibration isolation rate is required even if the machine runs at low idle speeds. The metal parts are robust and incorporate a fail-safe device in order to resist traction forces..



Example of installation on a 3cyl engine

SECTION A-A



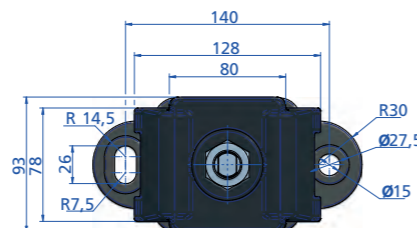
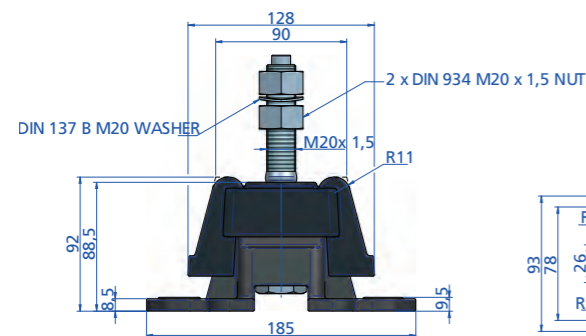
| Type | Weight (gr) | Shore | Load kg max. | Code |
|----------------------|-------------|-------|--------------|--------|
| MARINE MOUNT type XD | 655 | 40 Sh | 40 | 136151 |
| | | 50 Sh | 60 | 136152 |
| | | 60 Sh | 75 | 136153 |
| | | 70 Sh | 100 | 136154 |

MARINE MOUNT TYPE XT

DESCRIPTION

The MARINE XT Captive anti vibration mounts are anti vibration elements which work the rubber in both shear and compression. Their design has been tailored to provide a specific stiffness in each axis, a key benefit is providing a reduced roll natural frequency for engine installations.

The MARINE XT Captive mount is especially recommended for harsh applications where vibration isolation is a crucial factor, such as the isolation of rotating or mobile machines that are continuously subjected to shock forces. A high level of corrosion resistance is achieved which ensures protection from substances such as dripping oil/diesel and also in applications where there is exposure to the elements. Furthermore, thanks to their high stiffness in one of its directions, excellent results can be achieved for applications in which the thrust from the engine is high.



| Type | Weight (gr) | Shore | Load kg max. | Code |
|----------------------|-------------|-------|--------------|--------|
| MARINE MOUNT type XT | 4659 | 35 Sh | 150 | 136330 |
| | | 45 Sh | 225 | 136331 |
| | | 55 Sh | 350 | 136332 |
| | | 65 Sh | 500 | 136333 |

FZM

DESCRIPTION

The type FZM mounts are ideal for mobile applications where high temperatures upto 300° C are present.

Its specific design allows very similar traction and compression stiffness rates. This feature is particularly useful on those applications where vibration in the vertical sense is predominant. The metal parts are robust and incorporate a fail-safe device in order to resist traction forces.



TECHNICAL CHARACTERISTICS

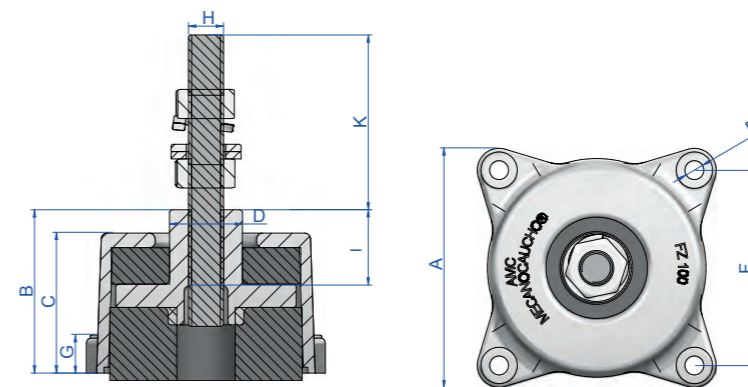
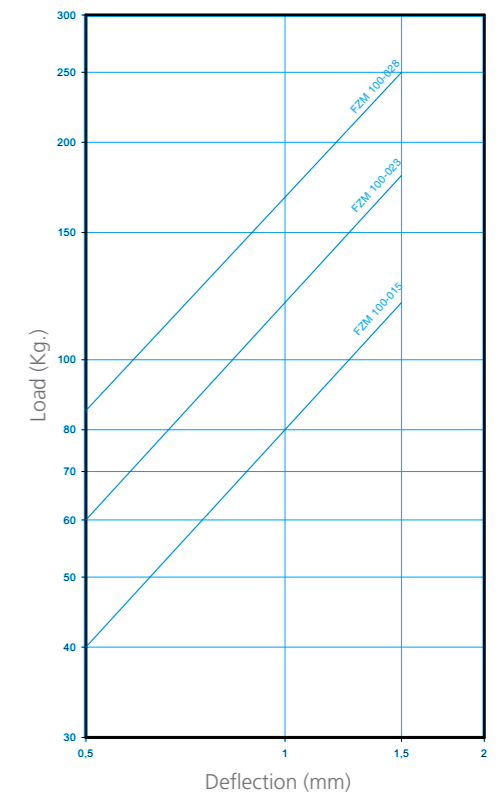
The cast aluminum bell has been designed to withstand to great dynamic shocks while the stainless steel wire fits tight to avoid relative displacements.

The stainless steel wire mesh and the aluminum top cap provide a higher resistance to marine corrosive environments, improving the performance of traditional marine antivibration mounts. The fail-safe device limits the vertical ascendant movement. The damping properties of the stainless steel wire mesh allows low amplification to resonance allowing stable suspended elements.

APPLICATIONS

The type FZM metallic mount is used for applications exposed to high temperatures or mobile applications, for example mounting on board equipment in ships, rail, road transport such as engines, pumps, generator sets or pipe work or exhaust.

LOAD DEFLECTION GRAPH FZM



| Type | A (mm) | B (mm) | C (mm) | D (mm) | E (mm) | F (mm) | G (mm) | H (mm) | I (mm) | K (mm) | Load (kg) | Weight (gr.) | Code |
|-----------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|-----------|--------------|--------|
| FZM 100-015 + KIT M12 | 80 | 56 | 48 | 25 | 6.5 | 67 | 13 | 12 | 40 | 60 | 120 | 842 | 176622 |
| FZM 100-023 + KIT M12 | 80 | 56 | 48 | 25 | 6.5 | 67 | 13 | 12 | 40 | 60 | 180 | 842 | 176628 |
| FZM 100-028 + KIT M12 | 80 | 56 | 48 | 25 | 6.5 | 67 | 13 | 12 | 40 | 60 | 250 | 842 | 176634 |
| FZM 100-015 | 80 | 56 | 48 | 25 | 6.5 | 67 | 13 | 12 | 40 | - | 120 | 761 | 176621 |
| FZM 100-023 | 80 | 56 | 48 | 25 | 6.5 | 67 | 13 | 12 | 40 | - | 180 | 761 | 176627 |
| FZM 100-028 | 80 | 56 | 48 | 25 | 6.5 | 67 | 13 | 12 | 40 | - | 250 | 761 | 176633 |

FZ + SYLOMER® MOUNTS

DESCRIPTION

The FZ mounts use high resiliency Sylomer® polyurethane compounds. The internal architecture of the mount is composed of two metal parts surrounded by the elastic compound. The exterior metallic armor incorporates 4 holes for the fixation of the mount to the frame. The interior metal part consists of a machined metal ring that transfers the traction and compression loads to the elastomer. This machined metal ring has a wider diameter than the exterior metal armor acting as a failsafe device.

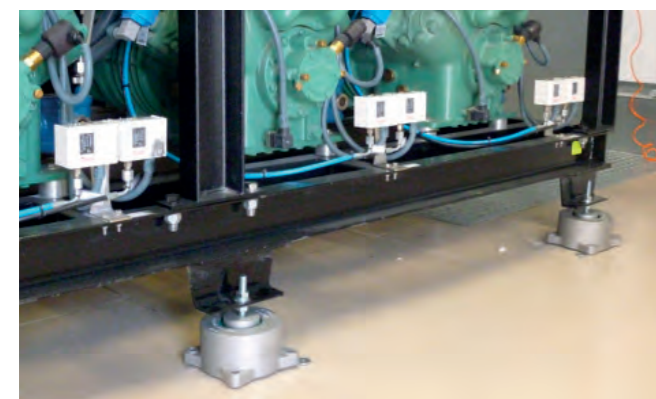
TECHNICAL CHARACTERISTICS

- The FZ mounts incorporate an inter-locking metal component that provide a fail-safe protection for mobile applications. This device limits the ascending vertical movement when the mounting is submitted to shocks at traction.
- The thickness of the metal parts are robust and are suitable for off-road applications. The metal parts have a suitable anticorrosive treatment for outdoor applications.
- The Sylomer® polyurethane compound is oil resistant and the temperature range of the FZ mounts is -30°C to +70°C.

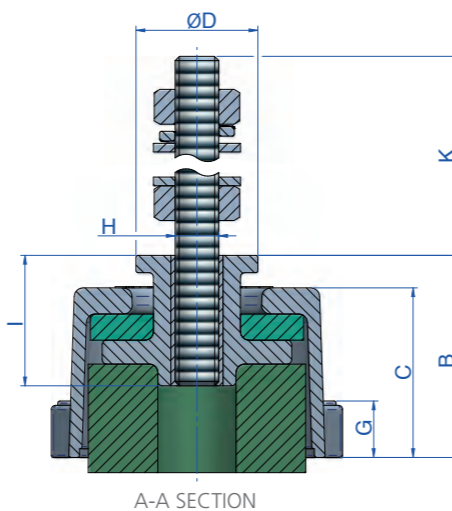
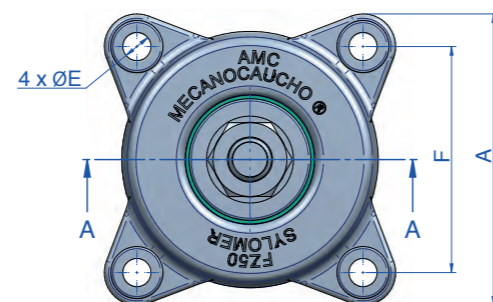
APPLICATIONS

The FZ mounts have been primarily designed for static applications.

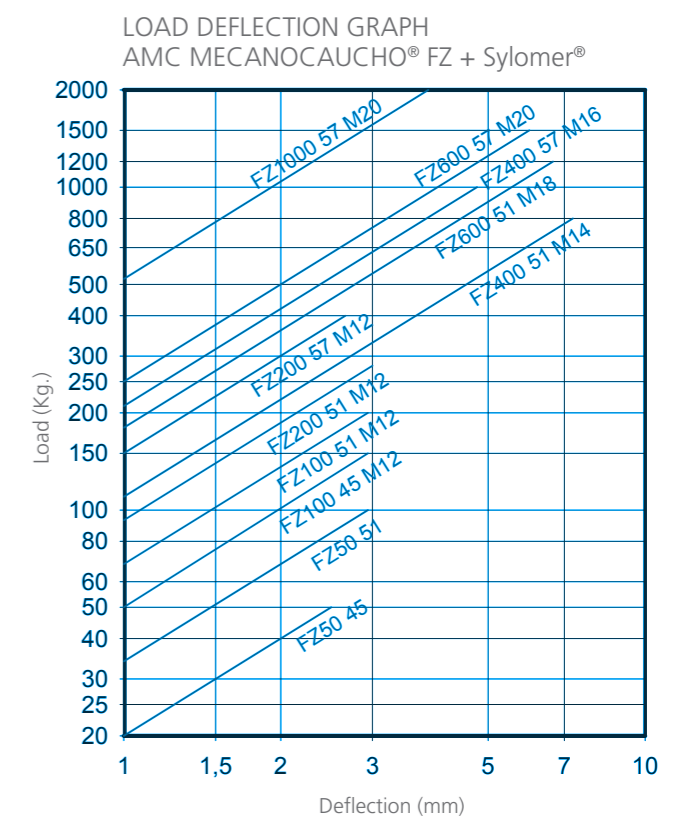
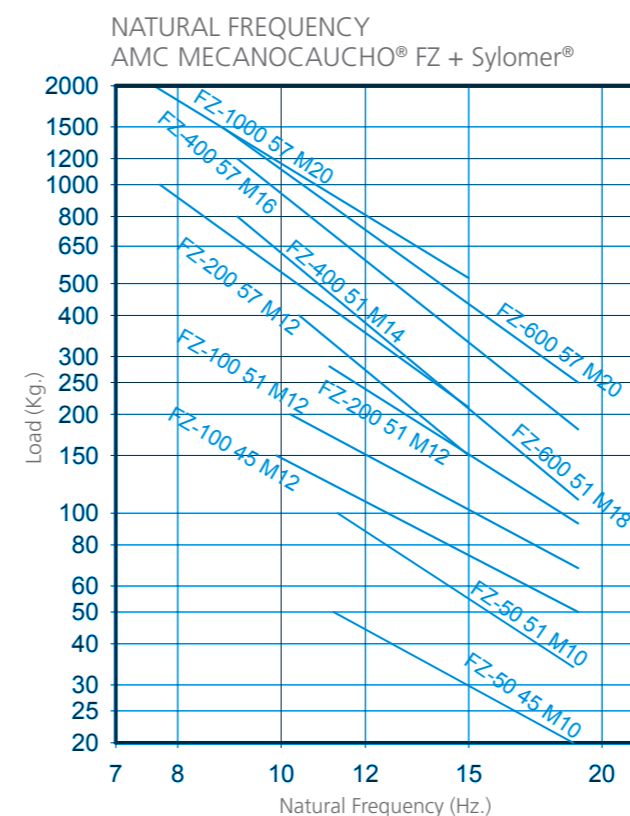
They are often used for the isolation of sensitive equipment embarqued on vehicles submitted to shocks.



Example of installation on a HVAC equipment



| Type | A (mm) | B (mm) | C (mm) | D (mm) | E (mm) | F (mm) | G (mm) | H (mm) | I (mm) | K (mm) | Load (kg) | Weight (gr.) | Code |
|--------------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|-----------|--------------|--------|
| FZ-50-27-M10 + LEV KIT | 67 | 46.5 | 39 | 28 | 6.5 | 52 | 13 | 10 | 26 | 60 | 15 | 311 | 176293 |
| FZ-50-33-M10 + LEV KIT | 67 | 46.5 | 39 | 28 | 6.5 | 52 | 13 | 10 | 26 | 60 | 25 | 311 | 176295 |
| FZ-50-39-M10 + LEV KIT | 67 | 46.5 | 39 | 28 | 6.5 | 52 | 13 | 10 | 26 | 60 | 45 | 311 | 176297 |
| FZ-50-45-M10 + LEV KIT | 67 | 46.5 | 39 | 28 | 6.5 | 52 | 13 | 10 | 26 | 60 | 50 | 311 | 176281 |
| FZ-50-51-M10 + LEV KIT | 67 | 46.5 | 39 | 28 | 6.5 | 52 | 13 | 10 | 26 | 60 | 50-100 | 311 | 176291 |
| FZ-100-45-M12 + LEV KIT | 82 | 56 | 48 | 25 | 6.5 | 67 | 13 | 12 | 27,5 | 60 | 100-150 | 464 | 176299 |
| FZ-100-51-M12 + LEV KIT | 82 | 56 | 48 | 25 | 6,5 | 67 | 13 | 12 | 27,5 | 60 | 150-200 | 464 | 176301 |
| FZ-200-51-M12 + LEV KIT | 109 | 72 | 55 | 40 | 8,5 | 90 | 15 | 12 | 27,5 | 60 | 170-280 | 978 | 176311 |
| FZ-200-57-M12 + LEV KIT | 109 | 72 | 55 | 40 | 8,5 | 90 | 15 | 12 | 27,5 | 60 | 280-400 | 978 | 176321 |
| FZ-200-57-M14 + LEV KIT | 109 | 72 | 55 | 40 | 8,5 | 90 | 15 | 14 | 27,5 | 60 | 280-400 | 978 | 176323 |
| FZ-400-51-M14 + LEV KIT | 155 | 94 | 80 | 65 | 12,5 | 125 | 22 | 14 | 27,5 | 60 | 460-800 | 2461 | 176331 |
| FZ-400-57-M16 + LEV KIT | 155 | 94 | 80 | 65 | 12,5 | 125 | 22 | 16 | 27,5 | 60 | 800-1000 | 2461 | 176341 |
| FZ-600-51-M18 + LEV KIT | 175 | 94 | 80 | 65 | 14 | 140 | 23 | 18 | 28 | 60 | 1000-1200 | 3077 | 176351 |
| FZ-600-57-M20 + LEV KIT | 175 | 94 | 80 | 65 | 14 | 140 | 23 | 20 | 28 | 60 | 1200-1500 | 3077 | 176361 |
| FZ-1000-57-M20 + LEV KIT | 205 | 95 | 80 | 65 | 16 | 162 | 28 | 20 | 28 | 60 | 1500-2000 | 3751 | 176371 |
| FZ-50-27-M10 | 67 | 46.5 | 39 | 28 | 6.5 | 52 | 13 | 10 | 26 | - | 15 | 260 | 176294 |
| FZ-50-33-M10 | 67 | 46.5 | 39 | 28 | 6.5 | 52 | 13 | 10 | 26 | - | 25 | 260 | 176296 |
| FZ-50-39-M10 | 67 | 46.5 | 39 | 28 | 6.5 | 52 | 13 | 10 | 26 | - | 45 | 260 | 176298 |
| FZ-50-45-M10 | 67 | 46.5 | 39 | 28 | 6.5 | 52 | 13 | 10 | 26 | - | 50 | 260 | 176282 |
| FZ-50-51-M10 | 67 | 46.5 | 39 | 28 | 6.5 | 52 | 13 | 10 | 26 | - | 50-100 | 260 | 176292 |
| FZ-100-45-M12 | 82 | 56 | 48 | 25 | 6.5 | 67 | 13 | 12 | 27,5 | - | 100-150 | 380 | 176300 |
| FZ-100-51-M12 | 82 | 56 | 48 | 25 | 6,5 | 67 | 13 | 12 | 27,5 | - | 150-200 | 380 | 176302 |
| FZ-200-51-M12 | 109 | 72 | 55 | 40 | 8,5 | 90 | 15 | 12 | 27,5 | - | 170-280 | 868 | 176312 |
| FZ-200-57-M12 | 109 | 72 | 55 | 40 | 8,5 | 90 | 15 | 12 | 27,5 | - | 280-400 | 868 | 176322 |
| FZ-200-57-M14 | 109 | 72 | 55 | 40 | 8,5 | 90 | 15 | 14 | 27,5 | - | 280-400 | 868 | 176324 |
| FZ-400-51-M14 | 155 | 94 | 80 | 65 | 12,5 | 125 | 22 | 14 | 27,5 | - | 460-800 | 2253 | 176332 |
| FZ-400-57-M16 | 155 | 94 | 80 | 65 | 12,5 | 125 | 22 | 16 | 27,5 | - | 800-1000 | 2253 | 176342 |
| FZ-600-51-M18 | 175 | 94 | 80 | 65 | 14 | 140 | 23 | 18 | 28 | - | 1000-1200 | 2756 | 176352 |
| FZ-600-57-M20 | 175 | 94 | 80 | 65 | 14 | 140 | 23 | 20 | 28 | - | 1200-1500 | 2756 | 176362 |
| FZ-1000-57-M20 | 205 | 95 | 80 | 65 | 16 | 162 | 28 | 20 | 28 | - | 1500-2000 | 3348 | 176372 |



HYDRAULIC MOUNTS

DESCRIPTION

Hydraulic mounts combine a spring and a hydraulic damper in a single compact unit that allows tuning of the spring and damper independently.

This provides flexibility in matching the dynamic characteristics of the isolator to the requirements of the application.

The internal architecture of the mount is composed of a new system that bonds the rubber to the metal parts in order to eliminate any leakage of the dampening fluid when the mount is submitted to high magnitude shocks.

For good isolation, low damping is required. For motion control, high dampening is required. The hydraulic mounts accommodate these conflicting requirements. The fluid cavity is divided into two chambers with an orifice in between, so that motion of the elastomeric element causes fluid to flow from one chamber to the other, dissipating energy and thus creating damping in the system.

These mounts are particularly interesting for those installations that require a soft isolator for good isolation but still require motion control under transient (shock) inputs or when operating close to the isolation system's resonant frequency.

TECHNICAL CHARACTERISTICS

- Hydraulic mounts have an inter-locking metal component that provides a fail-safe protection for mobile applications. This device limits the ascending vertical movement when the mounting is submitted to shocks at traction.
- The thickness of the metal parts make this mount robust and suitable for off-road applications. The metal parts have a suitable anticorrosive treatment for outdoor applications. RoHS compliant.

APPLICATIONS

Hydraulic mounts have been primarily designed as engine and operator cab isolator in vehicular off highway and agricultural applications.

It is particularly interesting for those engines that operate on a variable rotating speed that must pass the natural frequency of the system during its normal functioning. Examples of this may be engines of 1,2,3 or 4 cylinders used on construction or agricultural equipment.

It is also interesting for cabins where vibration isolation is required for operator comfort purposes but as well stability when the cabin is submitted to transient shocks.



Picture of an engine application.



| HYDRAULIC MINI | HYDRAULIC SMALL | HYDRAULIC SMALL RECT. |
|----------------------|------------------------|-----------------------|
| | | |
| HYDRAULIC MEDIUM | HYDRAULIC MEDIUM RECT. | HYDRAULIC MEDIUM H52 |
| | | |
| HYDRAULIC MEDIUM H54 | HYDRAULIC XR C | HYDRAULIC XR |
| | | |
| HYDRAULIC LARGE | HYDRAULIC LARGE RECT. | |
| | | |

| Type | Tightening torque max. (Nm) | Weight (gr.) | Shore | Max. Load (kg) | Code |
|--------------|-----------------------------|--------------|-------|----------------|--------|
| MINI | 41 | 335 | 40 Sh | 20 | 177031 |
| | | | 50 Sh | 30 | 177032 |
| | | | 60 Sh | 50 | 177033 |
| | | | 70 Sh | 70 | 177034 |
| SMALL | 41 | 917 | 40 Sh | 60 | 177001 |
| | | | 50 Sh | 100 | 177002 |
| | | | 60 Sh | 145 | 177003 |
| | | | 70 Sh | 180 | 177013 |
| SMALL RECT. | 41 | 938 | 40 Sh | 60 | 177015 |
| | | | 50 Sh | 100 | 177016 |
| | | | 60 Sh | 145 | 177017 |
| | | | 70 Sh | 180 | 177018 |
| MEDIUM | 71 | 1030 | 40 Sh | 100 | 177004 |
| | | | 50 Sh | 150 | 177005 |
| | | | 60 Sh | 200 | 177006 |
| | | | 70 Sh | 250 | 177011 |
| MEDIUM RECT. | 71 | 1050 | 40 Sh | 100 | 177022 |
| | | | 50 Sh | 150 | 177021 |
| | | | 60 Sh | 200 | 177023 |
| | | | 70 Sh | 250 | 177024 |
| MEDIUM HS 2 | 71 | 1030 | 40 Sh | 125 | 177045 |
| | | | 50 Sh | 180 | 177046 |
| | | | 60 Sh | 250 | 177047 |
| | | | 70 Sh | 300 | 177048 |
| MEDIUM HS 4 | 71 | 1050 | 40 Sh | 125 | 177035 |
| | | | 50 Sh | 180 | 177036 |
| | | | 60 Sh | 250 | 177037 |
| | | | 70 Sh | 300 | 177038 |
| XR C | - | 1400 | 40 Sh | 125 | 177392 |
| | | | 50 Sh | 180 | 177393 |
| | | | 60 Sh | 250 | 177358 |
| | | | 70 Sh | 300 | 177395 |
| XR | - | 1600 | 40 Sh | 125 | 177396 |
| | | | 50 Sh | 180 | 177397 |
| | | | 60 Sh | 250 | 177398 |
| | | | 70 Sh | 300 | 177399 |
| LARGE | 350 | 2445 | 40 Sh | 235 | 177007 |
| | | | 50 Sh | 295 | 177008 |
| | | | 60 Sh | 345 | 177009 |
| | | | 70 Sh | 410 | 177014 |
| LARGE RECT. | 350 | 2713 | 40 Sh | 235 | 177041 |
| | | | 50 Sh | 295 | 177042 |
| | | | 60 Sh | 345 | 177043 |
| | | | 70 Sh | 410 | 177044 |

OPERATION AND ASSEMBLY

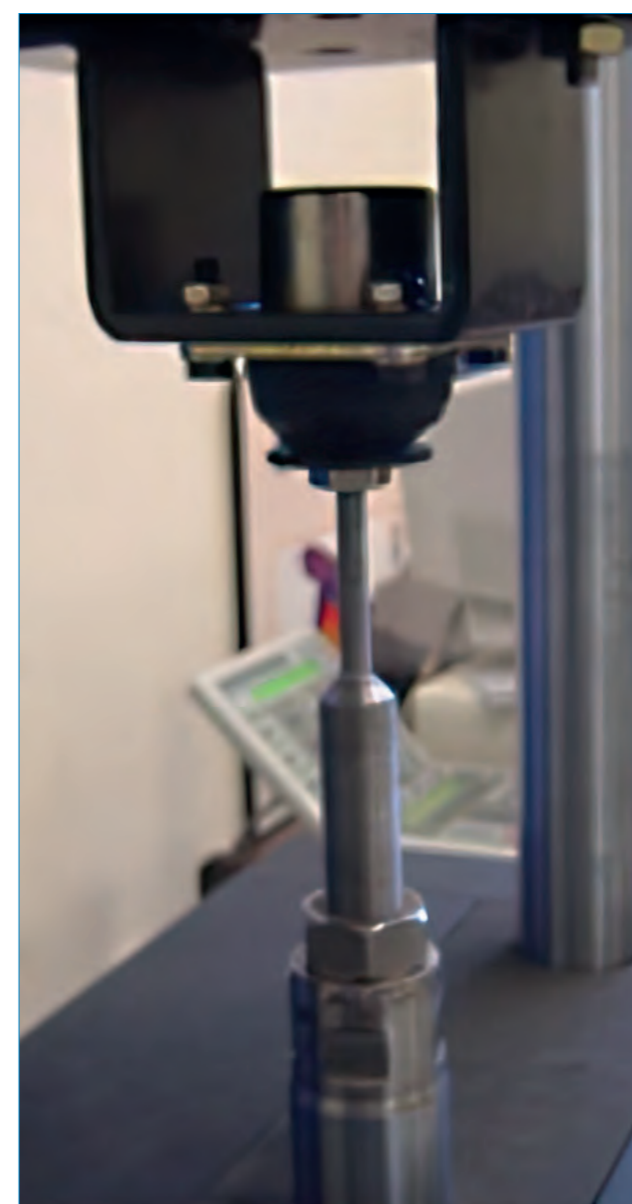
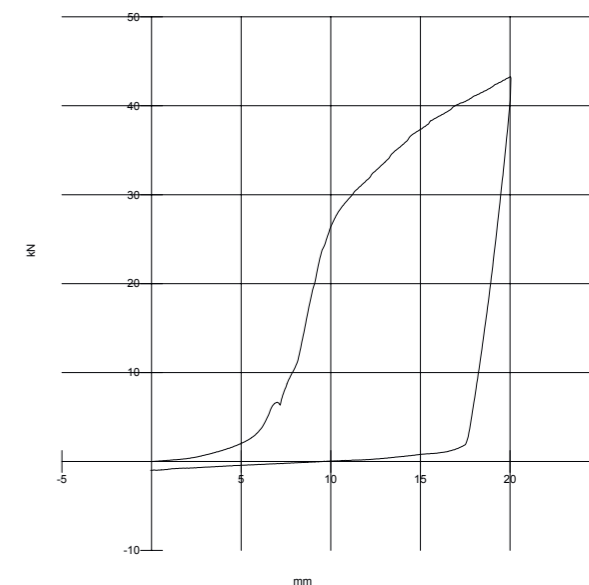
A hook wrench should be used in the slots to avoid the rotation movement of the rubber.

TECHNICAL ADVICE FOR FOPS/ROPS APPROVAL

We will be pleased to offer you advice on correct installation procedures to achieve FOPS/ROPS tests approvals.

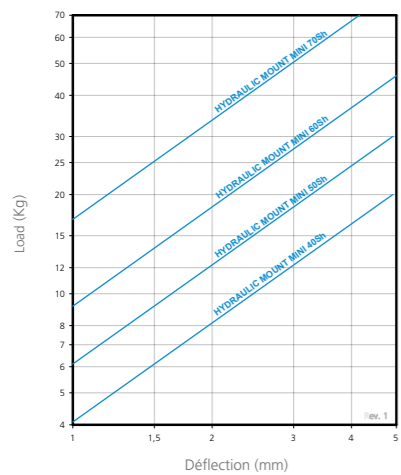
These pictures show a typical traction test on rectangular hydraulic medium mount subjected to loads up to 4 Tonnes without destruction of the part. For more information on this topic, please contact our technical department.

TRACTION TEST (Hydraulic medium square)

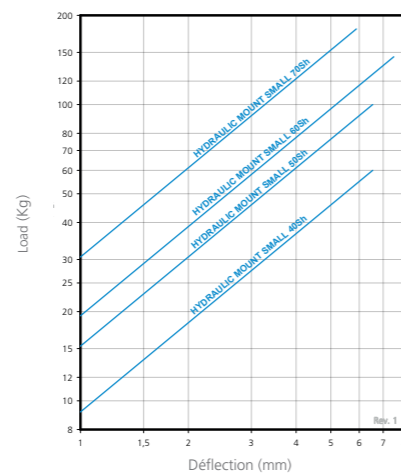


LOAD DEFLECTION

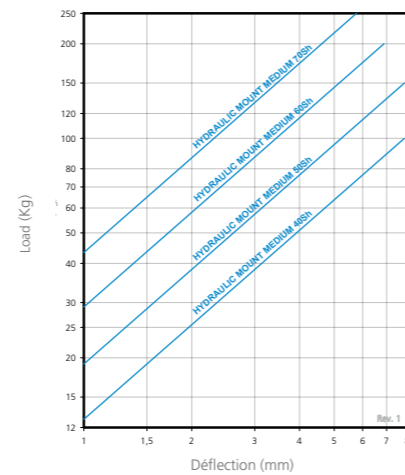
MINI



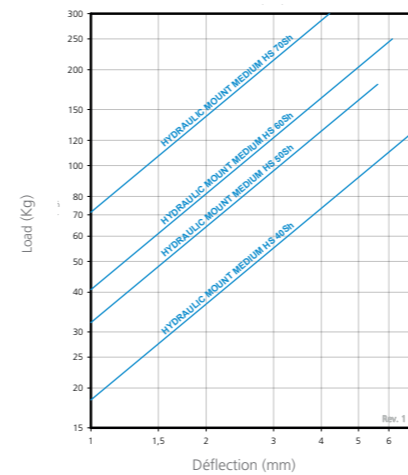
SMALL



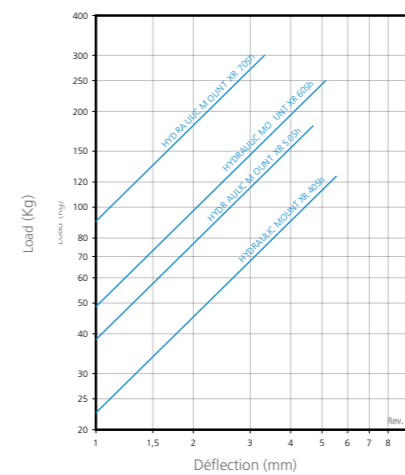
MEDIUM



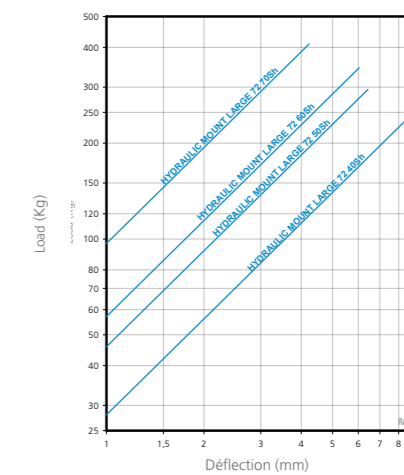
MEDIUM HS



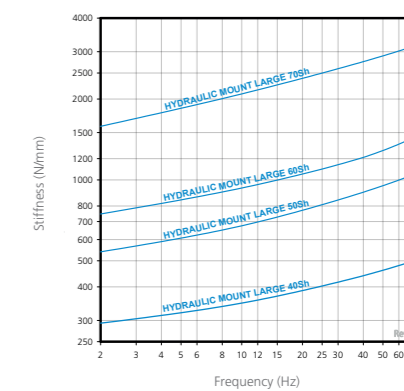
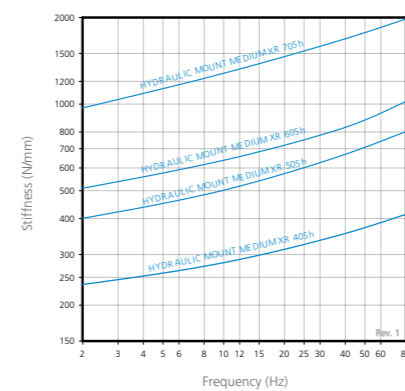
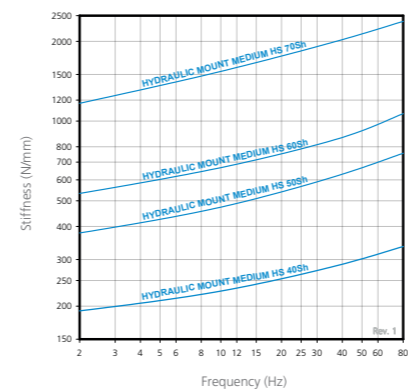
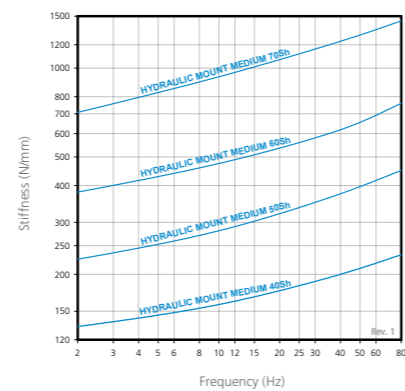
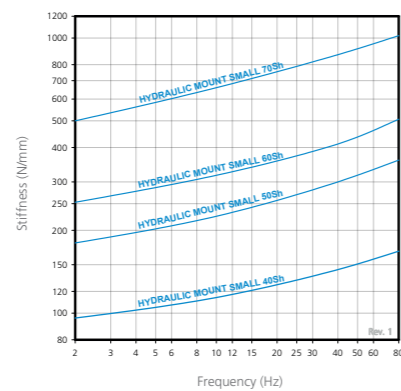
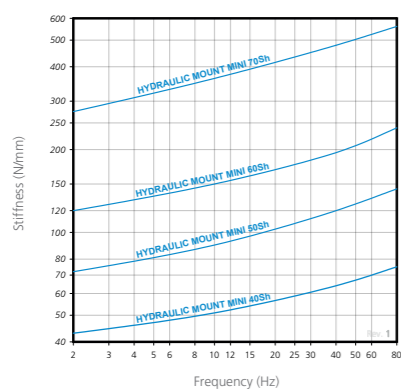
XR



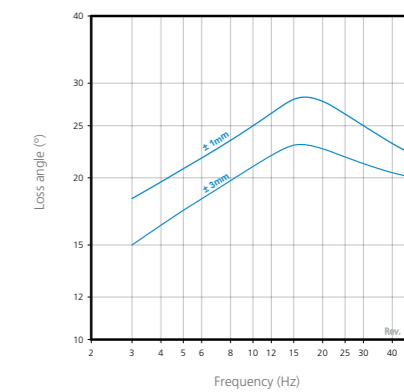
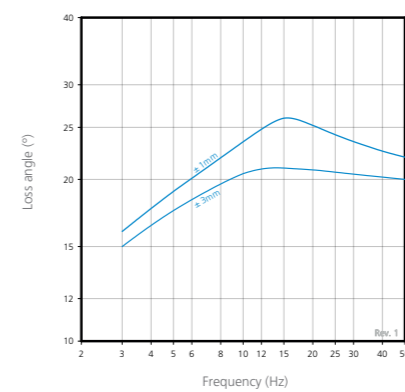
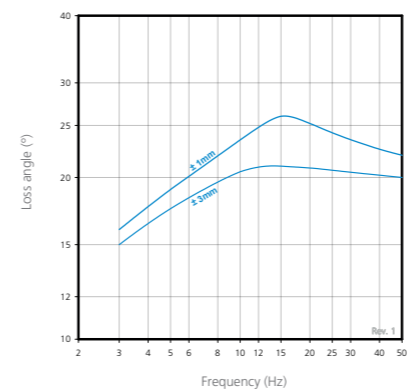
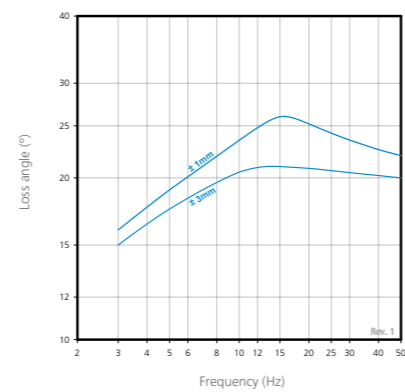
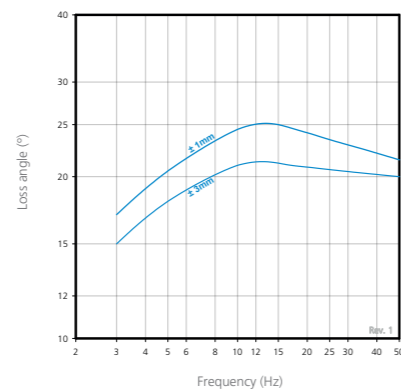
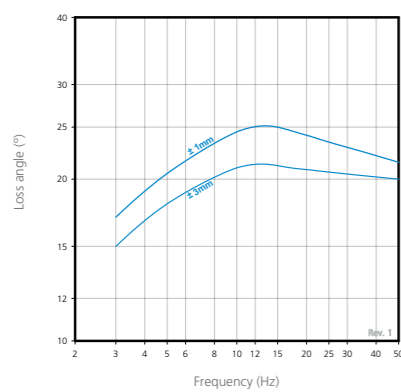
LARGE



DYNAMIC STIFFNESS



DAMPING COEFFICIENT

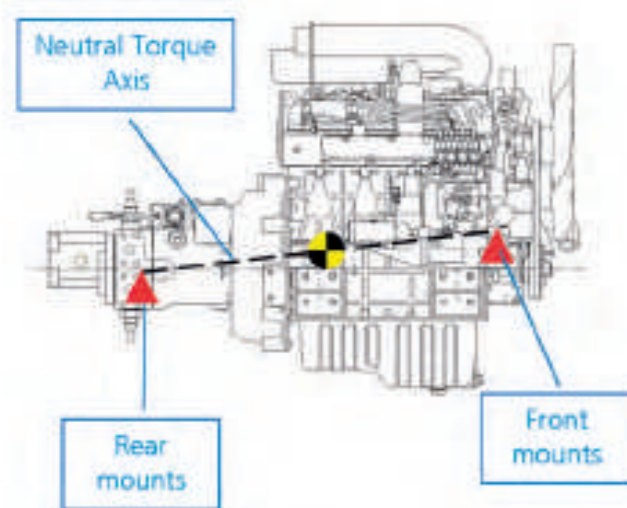


INSTALLATION ADVICE FOR HYDRAULIC MOUNTS

The correct position of the mounts will affect the vibration modes and reduce the natural frequencies of the suspended element, therefore increasing the vibration isolation.

Key factors to consider are:

- All the mounts should withstand a similar static load. In the longitudinal direction, the mounts should be installed symmetrically around the total COG.
- To achieve the lowest natural frequencies possible and to improve dynamic load distribution, the mounts should be installed symmetrically around the total COG in the transverse direction.
- To minimize the dynamic forces transmitted by the mounts, it is recommended to install the mounts on the imaginary Neutral Torque Axis (referred to as the NTA), this connects the front & rear mounts with the total centre of gravity.
- If the mounts are soft (to minimize the transmitted forces) and they are installed on the NTA, the dynamic forces can be effectively isolated.



It is recommended to install the Hydraulic Mounts in the upright vertical position. If they are installed in an inclined position, the weight of the suspended equipment would create a static radial load. This could result in the internal piston directly contacting on the internal wall of the hydraulic chamber, this would dramatically increase the mounts stiffness and therefore reduce the vibration isolation.

Another effect of an inclined installation is that it can create an unwanted hammering effect, due to the piston hitting the internal wall of the hydraulic chamber.

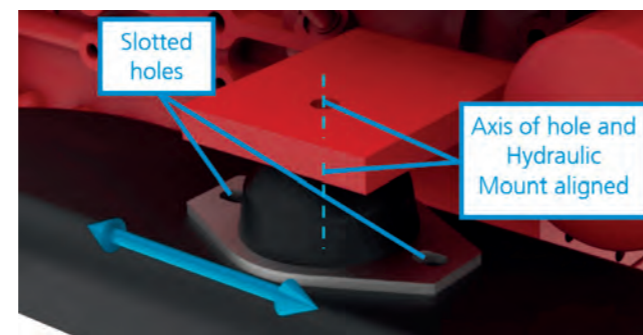
Due to this, AMC recommends installing Hydraulic Mounts in the upright vertical position, so the weight of the suspended system acts in the axial direction of the mounts.



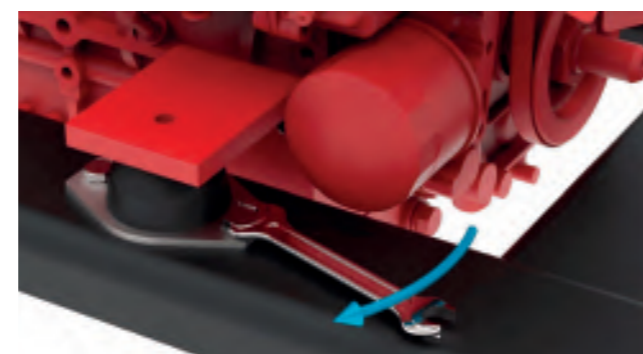
It is important to keep the alignment between the anti-vibration mount and the fixation brackets. Fastening the mounts misaligned can result in the internal piston of the Hydraulic Mounts touching the internal wall of the hydraulic chamber, dramatically increasing the mounts stiffness and therefore reducing the vibration isolation. It can also produce a hammering effect.

Furthermore any misalignment in the installation is absorbed by the rubber element itself, this places additional unwanted stress on to it.

The slotted holes help to accommodate the position of the Hydraulic Mounts to keep the alignment correct.



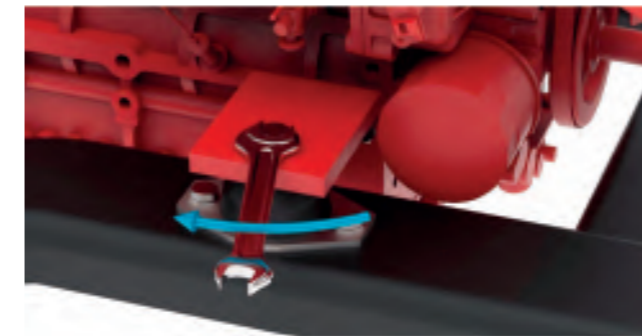
Once aligned, the flange of the Hydraulic Mounts can be fastened:



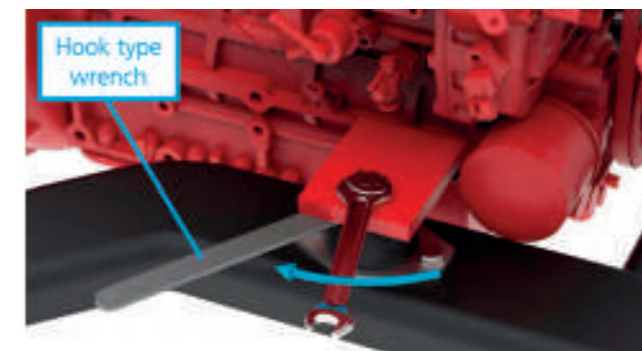
During the fastening of the top screw, it is important to not twist the rubber. Twisting the rubber unnecessarily increases the stress on the rubber and can introduce damage to the bonding surfaces. This might lead to premature appearance of cracks or premature failure of the adhesion between the rubber and the metal parts.

TO AVOID THE TWISTING OF THE RUBBER, THERE ARE SEVERAL METHODS:

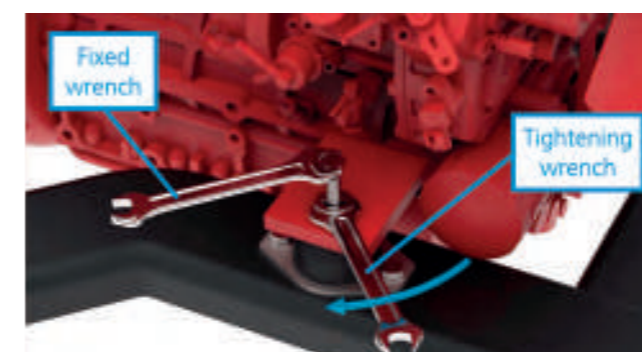
- Sometimes the friction between surfaces is enough to avoid twisting the rubber.



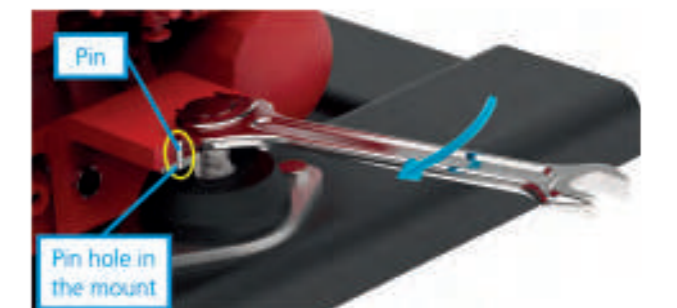
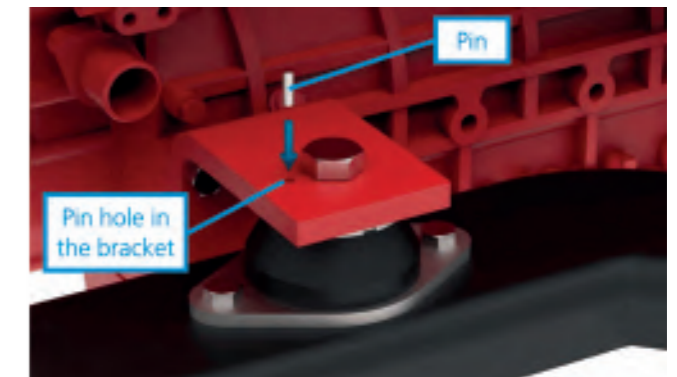
- Hold the top washer with a hook type wrench, using the slots of the top washer.



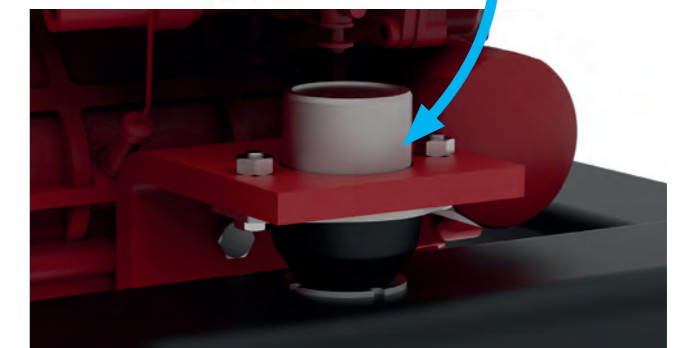
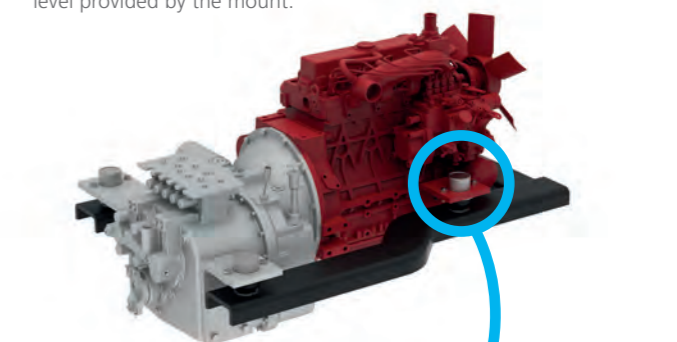
- Tighten the top screw using a pair of wrenches. While one wrench holds the bolt, the other can tighten the nut.



- The Hydraulic Mounts Large are provided with pin holes. Using them prevents the twisting of the rubber.



The Hydraulic Mounts can also be installed upside down, providing that they are still working in compression. However it is important to note that the damping fluid inside the hydraulic chamber will tend to go downward due to the gravity. Although this factor is not critical to the mounts performance, it might somehow reduce the damping level provided by the mount.



HYDRAULIC CONES

DESCRIPTION

The hydrocone is a combination of a spring component and a hydraulic shock absorber in the shape of a cone. With this both components can be tuned to each other.

For good vibration insulation you need a low dampening coefficient but for movement control you need a high dampening coefficient.

The hydrocone combines these two completely different requirements in one single bearing.

This gives you the opportunity to adapt the dynamic properties of the insulator to the individual requirements of the application.

Our vibration dampeners do this by the hydraulic fluid flowing from one chamber to the next as a result of the movement of the rubber component. An energetic dissipation results from this process.

TECHNICAL CHARACTERISTICS

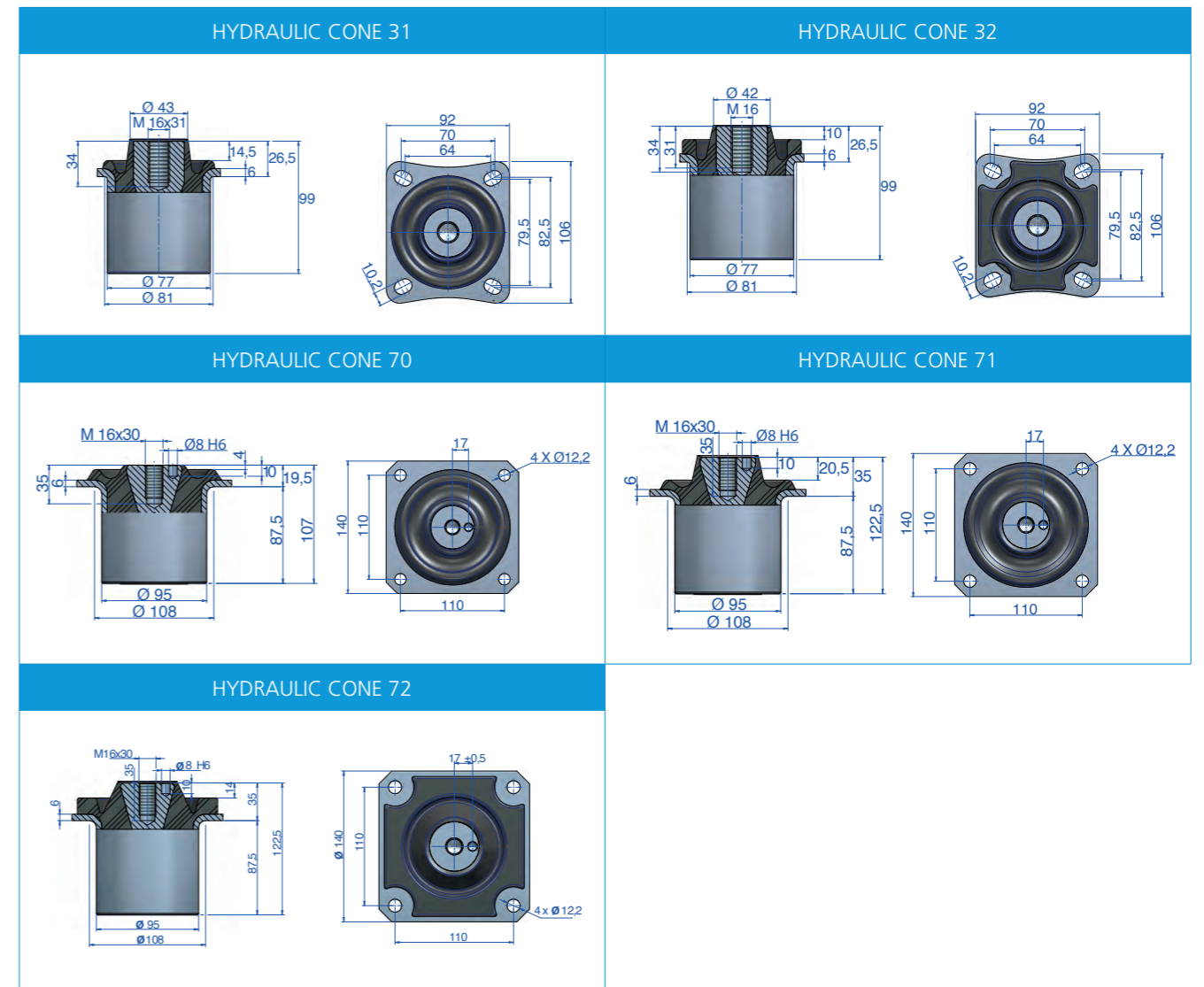
- hydraulic shock absorbers have an advanced breakaway device inside the bearing that prevents tensile forces on the elastomer by limiting its upward vibration stroke. The newly-developed internal structure of the vibration dampener consists of a metal part system. The elastomer is vulcanised to the whole of this. This prevents a loss of hydraulic fluid should the vibration dampener be subject to great dynamic overloads.
- The thickness of the metal parts ensures that the dampener is strong enough for mobile applications. The metal parts are treated with a resistant corrosion protection for outdoor use.

APPLICATIONS

The hydrocone is predominantly designed to insulate the vibration in engines and cabs in off-road vehicles (construction, agricultural and local authority vehicles).

The hydrocone has the necessary resilience to achieve a high level of decoupling. However, it also has the necessary stability for these applications in the event of impacts which thus prevents the vehicles from rocking. This ensures a high level of comfort as well as an immediate working and driving experience.

Another advantage becomes apparent with variable speed applications which are within the resonance frequency range in normal operation. This resonance is significantly reduced with the hydrocone.



| Type | A (mm.) | B (mm.) | C (mm.) | D (mm.) | E (mm.) | F (mm.) | H (mm.) | I (mm.) | J (mm.) | K (mm.) | L (mm.) | N (mm.) | O (mm.) | Code | Load (kg) | Shore |
|--------------------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|--------|-----------|-------|
| HYDRAULIC CONE MOUNTS 31 | M16 | 79,5 | 70 | 82,5 | 64 | 81 | 72,5 | 77 | 10,2 | 25 | 6 | - | - | 177081 | 250 | 40 Sh |
| | | | | | | | | | | | | | | 177085 | 310 | 45 Sh |
| | | | | | | | | | | | | | | 177082 | 370 | 50 Sh |
| | | | | | | | | | | | | | | 177083 | 500 | 60 Sh |
| | | | | | | | | | | | | | | 177084 | 550 | 70 Sh |
| HYDRAULIC CONE MOUNTS 32 | M16 | 79,5 | 70 | 82,5 | 64 | 81 | 72,5 | 77 | 10,2 | 26,5 | 6 | 10 | - | 177104 | 250 | 40 Sh |
| | | | | | | | | | | | | | | 177105 | 370 | 50 Sh |
| | | | | | | | | | | | | | | 177106 | 500 | 60 Sh |
| | | | | | | | | | | | | | | 177107 | 550 | 70 Sh |
| | | | | | | | | | | | | | | 177051 | 300 | 40 Sh |
| HYDRAULIC CONE MOUNTS 70 | M16 | 110 | 140 | 140 | 110 | 108 | 104,5 | 95 | 12,2 | 19,5 | 6 | 4 | - | 177052 | 500 | 50 Sh |
| | | | | | | | | | | | | | | 177053 | 700 | 60 Sh |
| | | | | | | | | | | | | | | 177054 | 900 | 70 Sh |
| | | | | | | | | | | | | | | 177055 | 400 | 40 Sh |
| | | | | | | | | | | | | | | 177056 | 600 | 50 Sh |
| HYDRAULIC CONE MOUNTS 71 | M16 | 110 | 140 | 140 | 110 | 108 | 120 | 95 | 12,2 | 35 | 6 | 19 | 8 | 177057 | 900 | 60 Sh |
| | | | | | | | | | | | | | | 177058 | 1000 | 70 Sh |
| | | | | | | | | | | | | | | 177294 | 400 | 40 Sh |
| | | | | | | | | | | | | | | 177295 | 600 | 50 Sh |
| | | | | | | | | | | | | | | 177296 | 900 | 60 Sh |
| HYDRAULIC CONE MOUNTS 72 | M16 | 110 | 140 | 140 | 110 | 108 | 120 | 95 | 12,2 | 35 | 6 | 14 | 8 | 177297 | 1000 | 70 Sh |

Washers should be used, if the rubber surface is not covered with the contact surface.
Washers upon request.

| Type | Øext (mm) | Øint (mm) | Thickness (mm) | Code |
|--------------------------|-----------|-----------|----------------|--------|
| HYDRAULIC CONE MOUNTS 31 | 80 | 16,5 | 5 | 606488 |
| HYDRAULIC CONE MOUNTS 32 | 96 | 16,5 | 5 | 610147 |
| HYDRAULIC CONE MOUNTS 70 | 110 | 16,5 | 5 | 610296 |
| HYDRAULIC CONE MOUNTS 71 | 110 | 16,5 | 5 | 610296 |
| HYDRAULIC CONE MOUNTS 72 | 130 | 16,5 | 5 | 610305 |

HYDRAULIC CONES 31

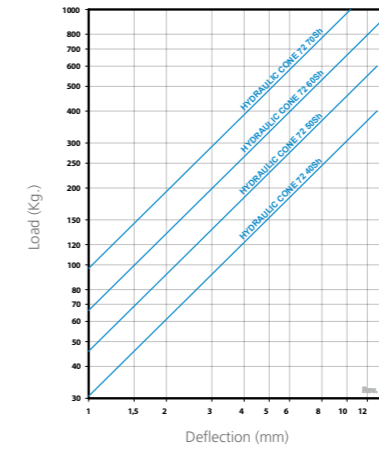
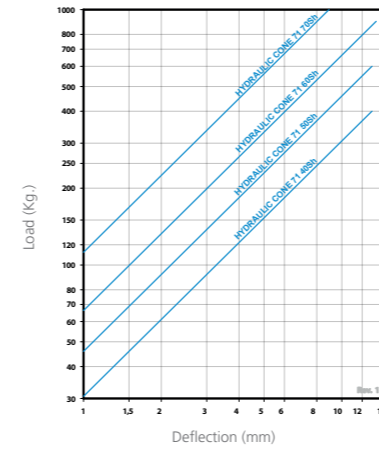
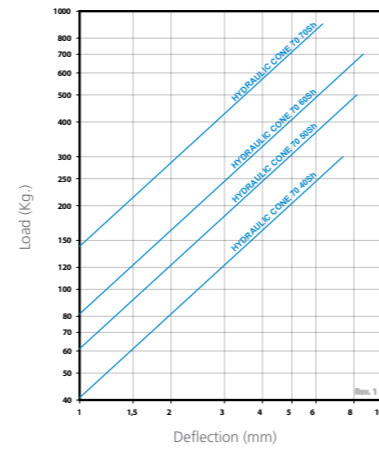
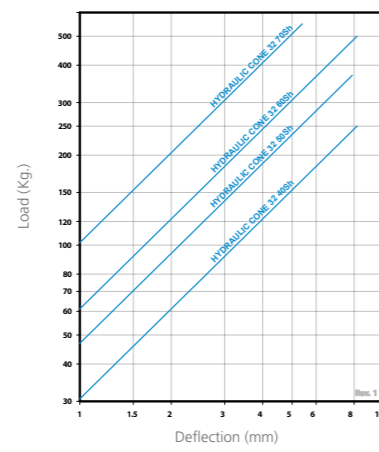
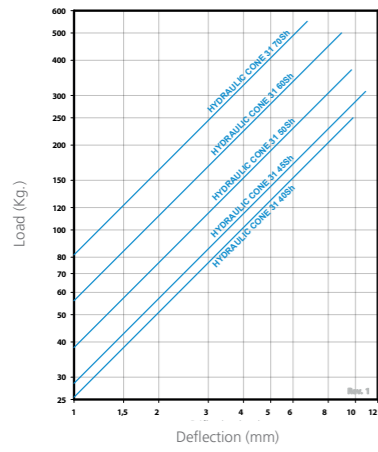
HYDRAULIC CONES 32

HYDRAULIC CONES 70

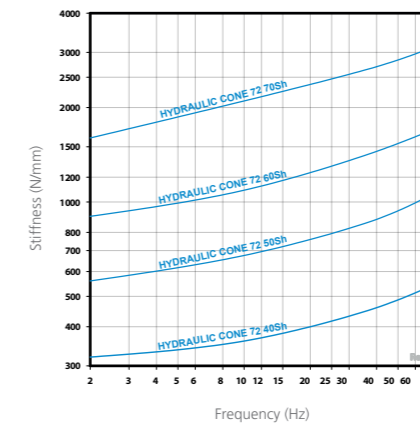
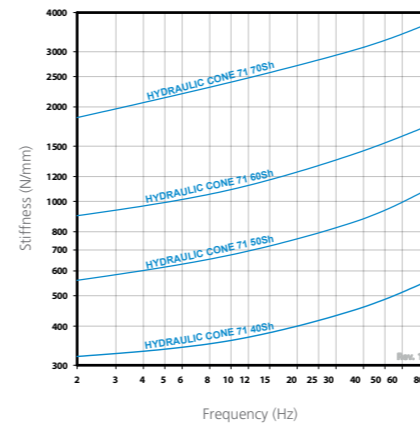
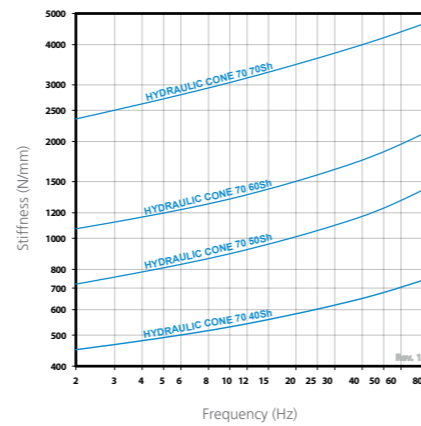
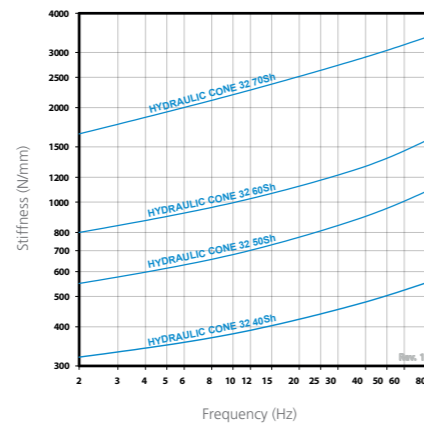
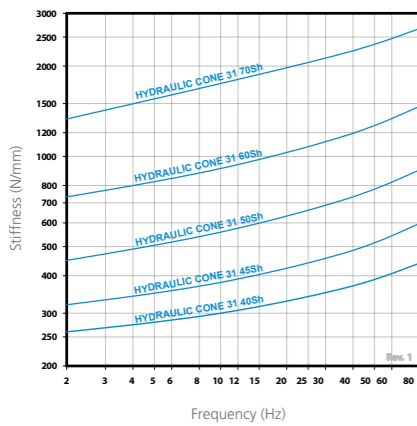
HYDRAULIC CONES 71

HYDRAULIC CONES 72

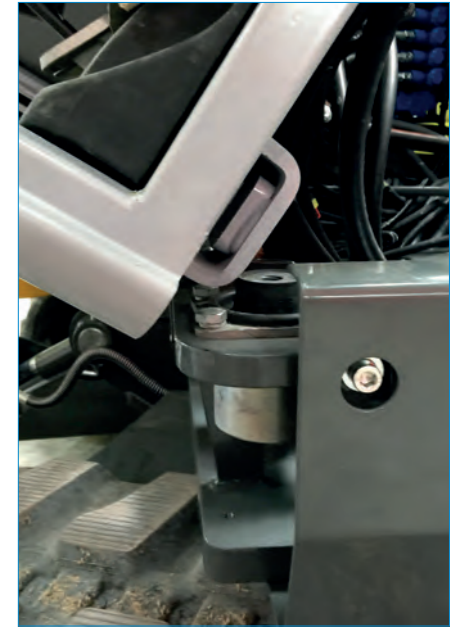
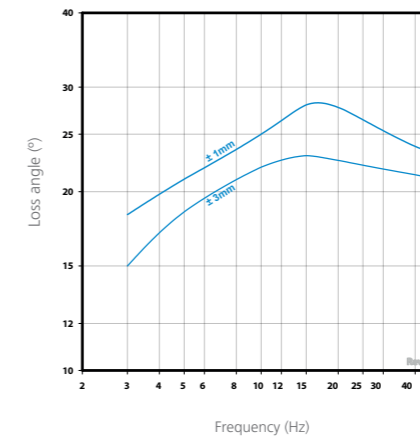
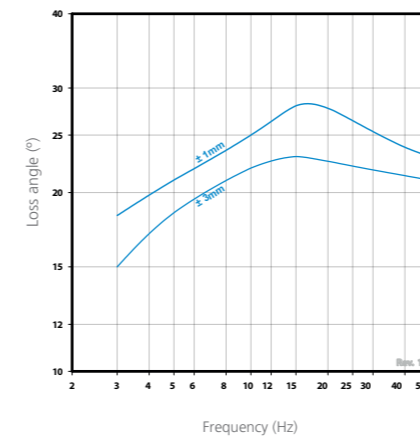
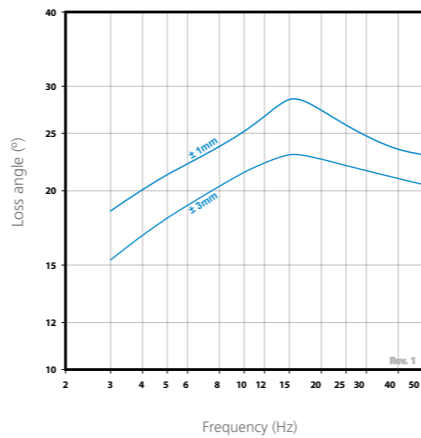
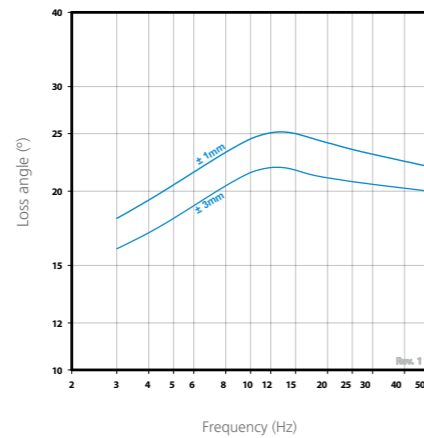
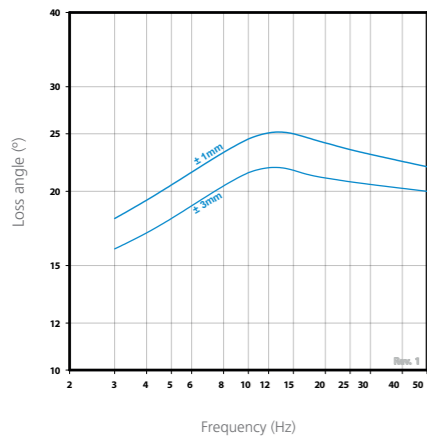
LOAD DEFLECTION



DYNAMIC STIFFNESS



DAMPING COEFFICIENT



CONES

DESCRIPTION

cones work the rubber in shear compression. They are composed of two parallel conical metal parts. They have two washers, one as a buffer and the other for centering.

TECHNICAL CHARACTERISTICS

- Cone mounts are safe and stable elements. They do not allow the suspended elements to tilt, while being flexible enough to avoid the transmission of noise and vibration through the structure.
- They are supplied with stop and centering washers. This renders deflection above the limits of the Mekanocaucho® Cones impossible, even at extreme loads.
- The washers protect the natural rubber (which is highly elastic and highly resistant) from ozone and aging, as well as from metal knocks and dripping oil. The characteristic deflection curves of the Cone mounts with centering washer are quite linear, increasing progressively as the load increases. Thanks to this they can safely dampen overloads of up to three times the maximum admissible load.

APPLICATIONS

Cones have been designed to use them in engines and auxiliary machinery for static applications and for applications in all type of vehicles. Also used for cabs. You can contact our technical department.

CONICAL MOUNTS WITH CUTOUTS

The cutouts on the rubber section offer different horizontal/vertical stiffness ratios. This feature is specially interesting for those applications where a lower stiffness is required in one of the axes.

Our technical department can provide you the elastical constants and can recommend you the optimal position of the cutouts.



CONE WITH CUTOUTS

| Type | Weight (gr.) | Code | Load (kg) | Shore |
|--------|--------------|--------|-----------|-------|
| 00 | 126 | 137007 | 25 | 45 Sh |
| | | 137008 | 50 | 60 Sh |
| | | 137009 | 75 | 70 Sh |
| 10 | 406 | 137001 | 75 | 45 Sh |
| | | 137002 | 140 | 60 Sh |
| | | 137003 | 210 | 70 Sh |
| 12 | 407 | 137914 | 80 | 45 Sh |
| | | 137916 | 120 | 55 Sh |
| | | 137918 | 200 | 70 Sh |
| 20 | 554 | 137031 | 120 | 45 Sh |
| | | 137034 | 200 | 60 Sh |
| | | 137039 | 330 | 70 Sh |
| 30 | 1167 | 137041 | 140 | 40 Sh |
| | | 137043 | 190 | 50 Sh |
| | | 137042 | 300 | 60 Sh |
| | | 137044 | 370 | 70 Sh |
| 35 | 1328 | 137065 | 200 | 45 Sh |
| | | 137067 | 450 | 60 Sh |
| | | 137068 | 760 | 70 Sh |
| 38 | 1438 | 137961 | 300 | 40 Sh |
| | | 137962 | 400 | 50 Sh |
| | | 137963 | 650 | 60 Sh |
| 120 NP | 6890 | 137871 | 440 | 45 Sh |
| | | 137872 | 720 | 55 Sh |

SOLID CONE



CONE WITH CUTOUTS



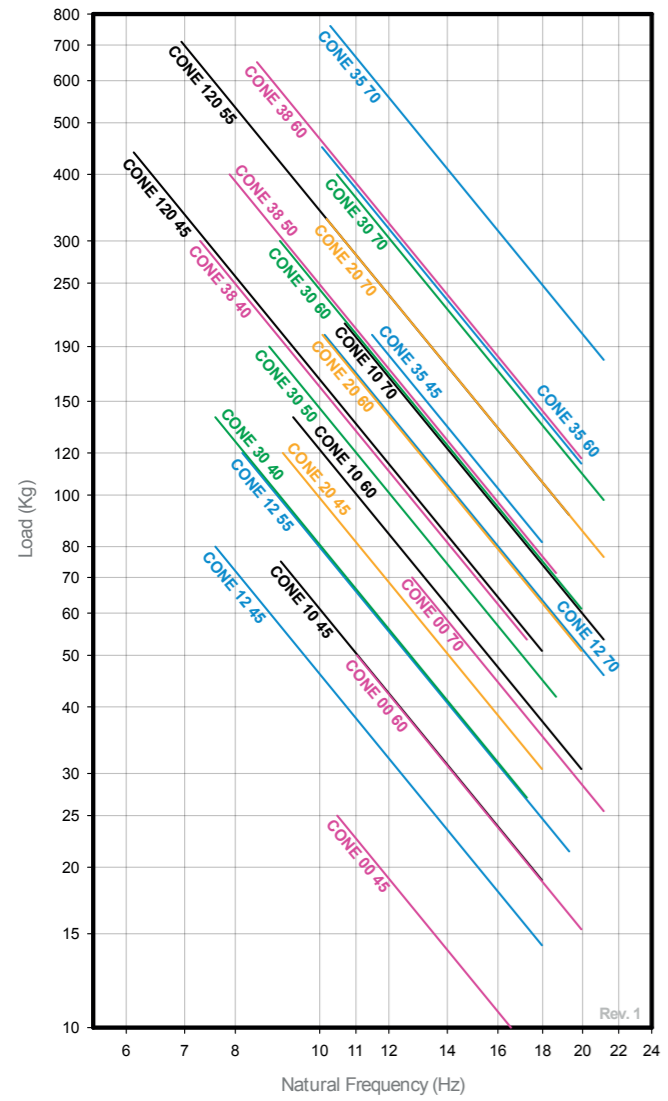
| CONE TYPE 00 | CONE TYPE 10 | CONE TYPE 12 |
|--|--|--|
| <p>Top Washer Cone 00 code 610053 Lower Washer Cone 00 code 610053</p> | <p>Top Washer Cone 10 code 611068 Lower Washer Cone 10 code 611068</p> | <p>Top Washer Cone 12 code 611068 Lower Washer Cone 12 code 611068</p> |
| CONE TYPE 20 | CONE TYPE 30 | CONE TYPE 35 |
| <p>Top Washer Cone 20 code 610049 Lower Washer Cone 20 code 610050</p> | <p>Top Washer Cone 30 code 608074 Lower Washer Cone 30 code 608125</p> | <p>Top Washer Cone 35 code 608082 Lower Washer Cone 35 code 608097</p> |
| CONE TYPE 38 | CONE TYPE 120 NP | |
| <p>Top Washer Cone 38 code 610147 Lower Washer Cone 38 code 608074</p> | <p>Top Washer Cone 120 code 606378 Lower Washer Cone 120 code 606379</p> | |



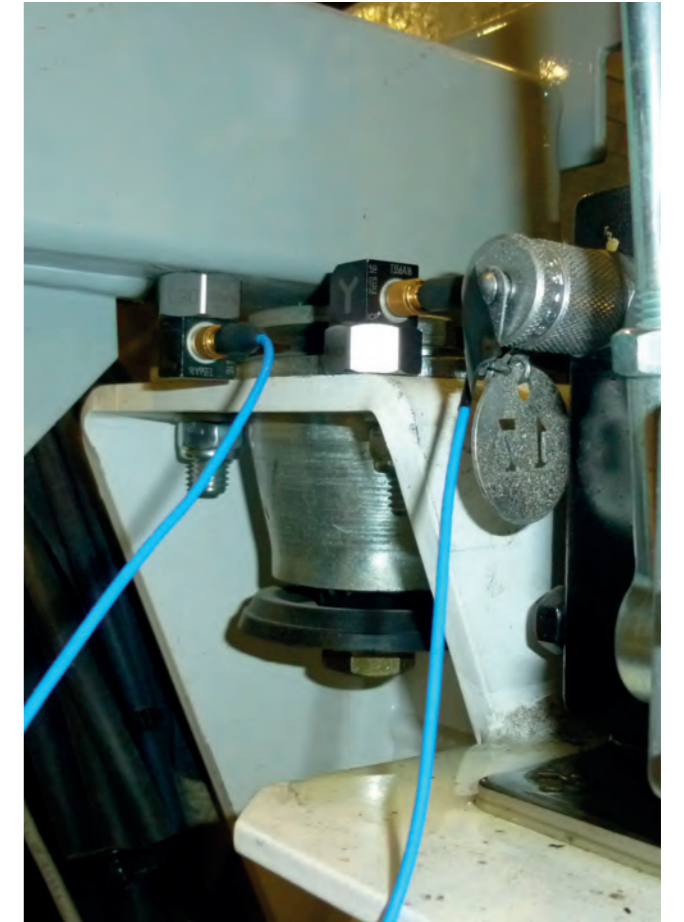
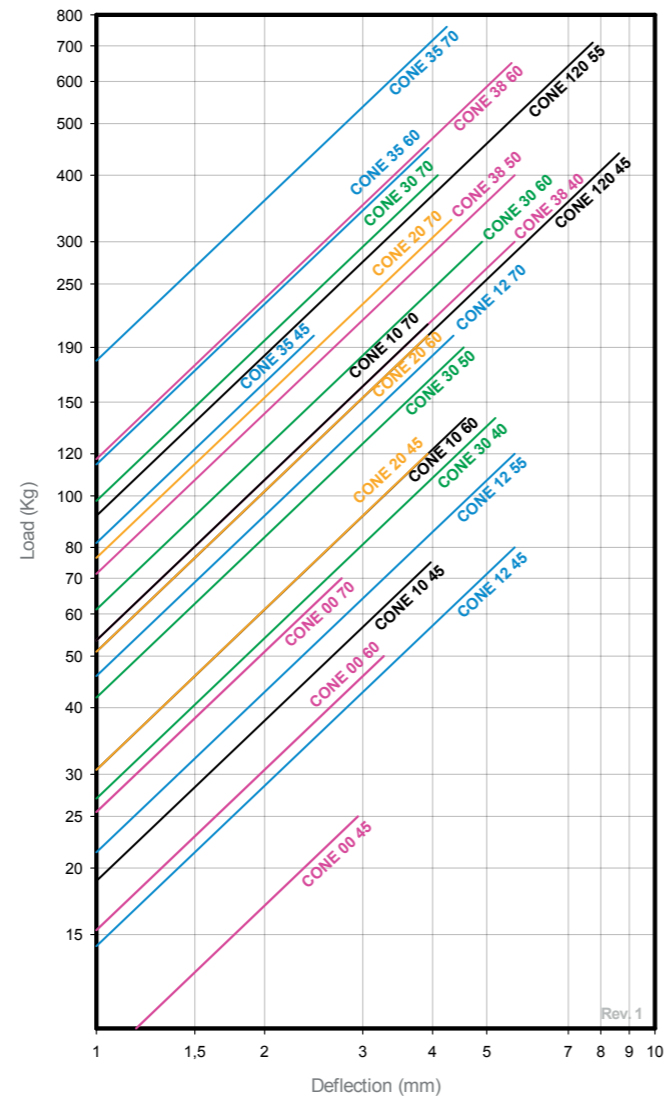
SOLID CONE

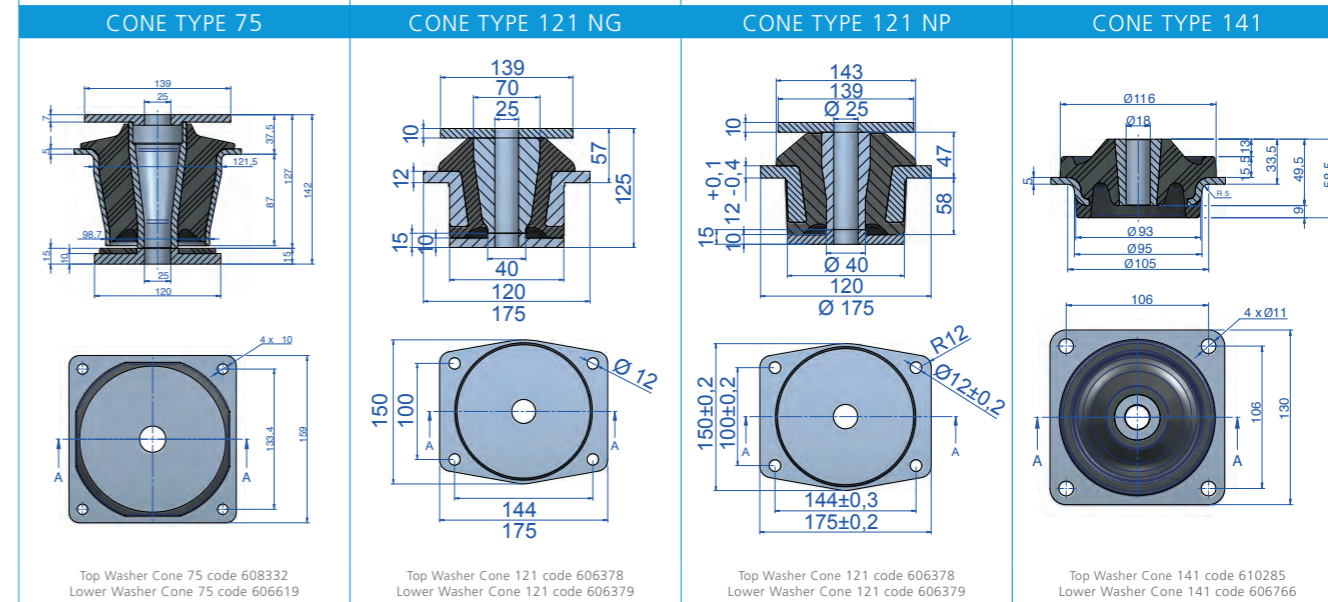
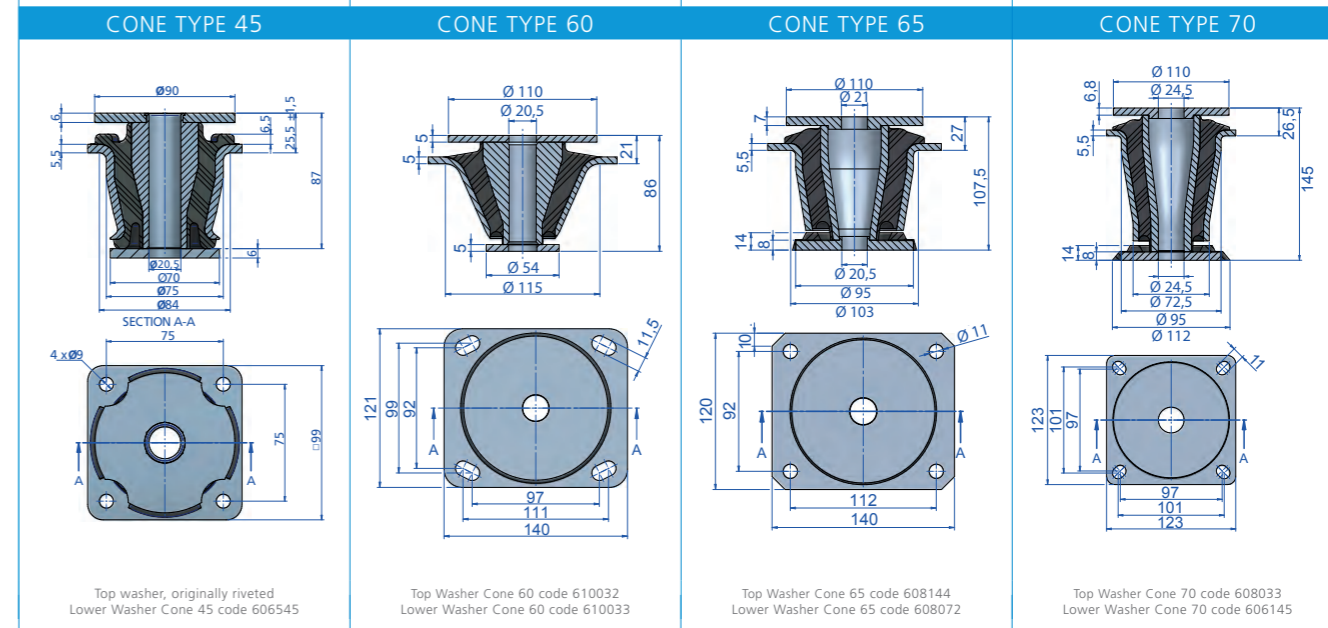
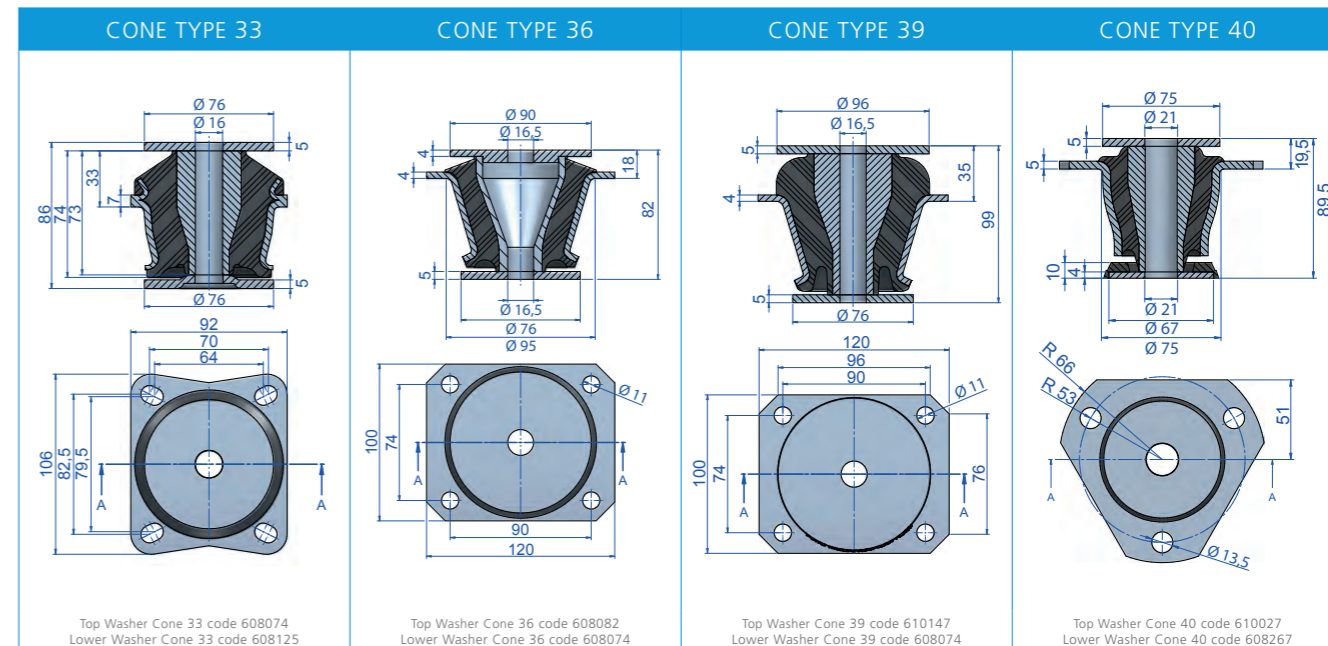
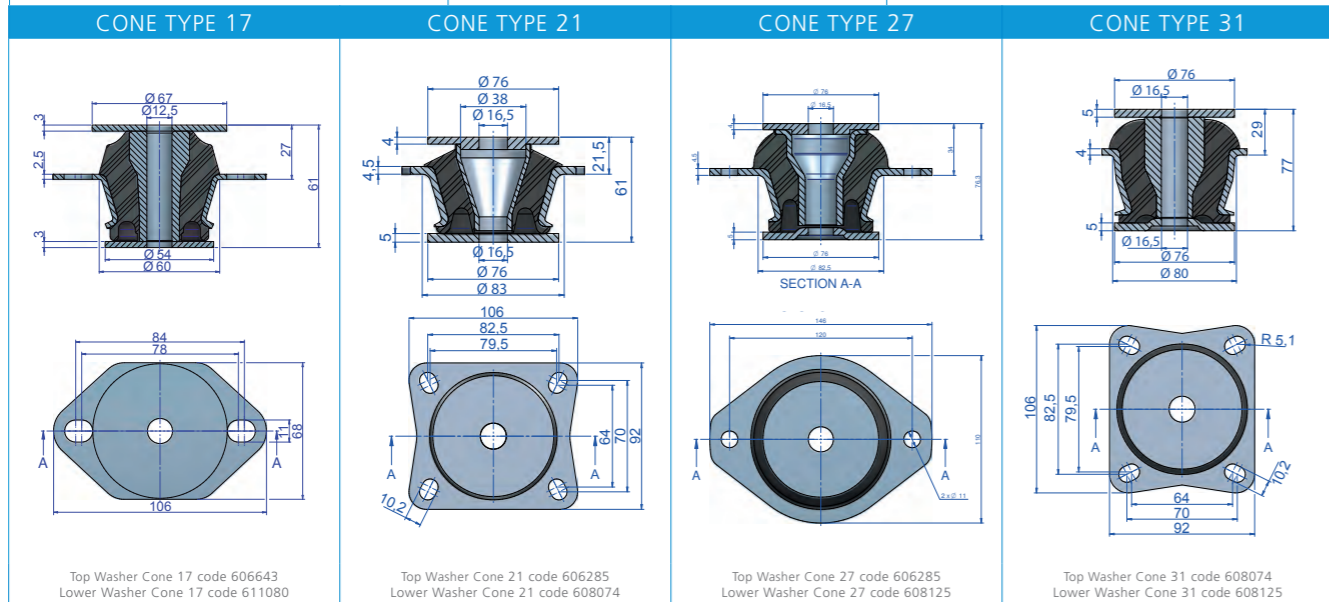
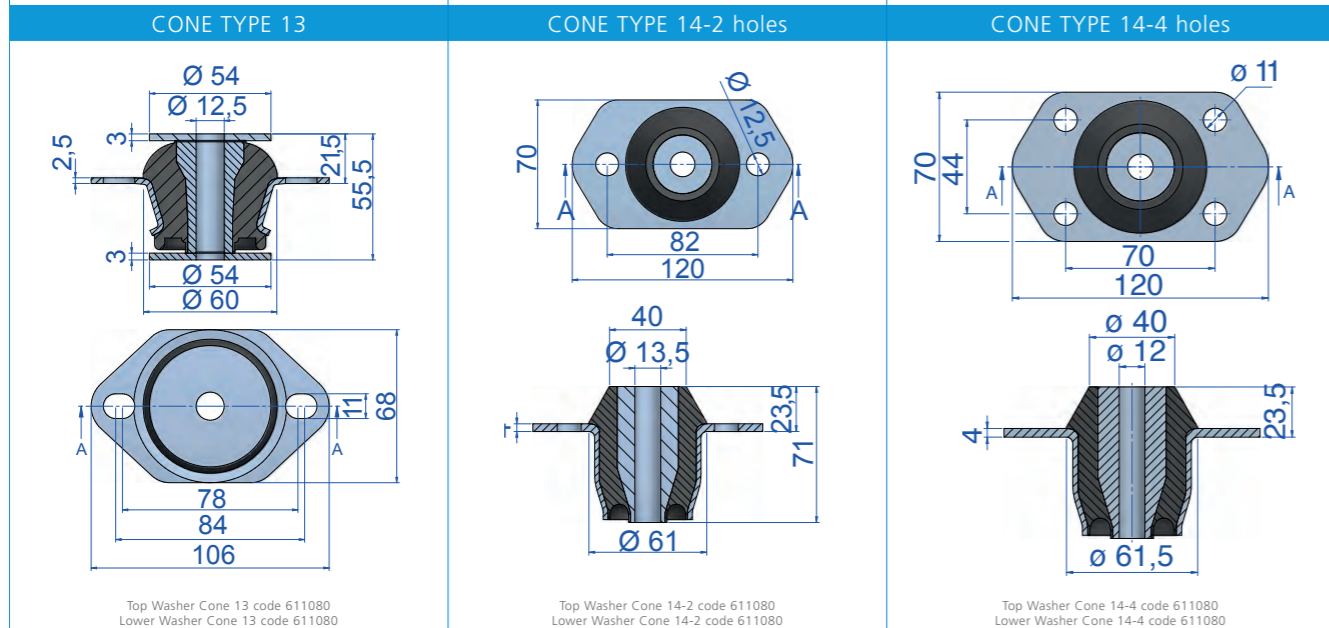
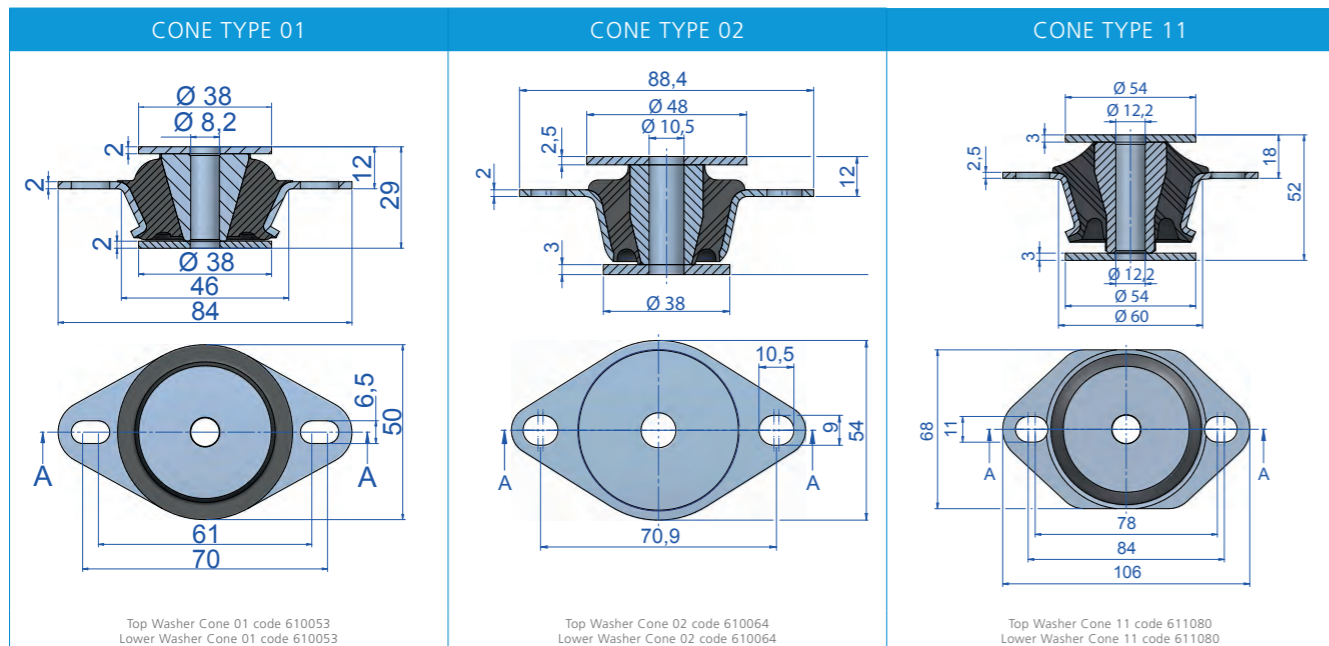
| Type | Weight (gr.) | Code | Load (kg) | Shore |
|--------------|--------------|--------|-----------|-------|
| 01 | 128 | 137005 | 40 | 45 Sh |
| | | 137006 | 70 | 60 Sh |
| | | 137015 | 105 | 70 Sh |
| 02 | 132 | 137010 | 50 | 45 Sh |
| | | 137011 | 90 | 60 Sh |
| 11 | 409 | 137021 | 100 | 45 Sh |
| | | 137022 | 180 | 60 Sh |
| | | 137023 | 270 | 70 Sh |
| 13 | 450 | 137921 | 120 | 45 Sh |
| | | 137922 | 170 | 55 Sh |
| | | 137925 | 270 | 70 Sh |
| 14 - 2 holes | 643 | 137930 | 250 | 45 Sh |
| | | 137628 | 500 | 65 Sh |
| 14 - 4 holes | 662 | 137935 | 250 | 45 Sh |
| | | 137936 | 450 | 60 Sh |
| | | 137937 | 690 | 70 Sh |
| 17 | 410 | 137903 | 160 | 45 Sh |
| | | 137904 | 250 | 60 Sh |
| | | 137905 | 350 | 70 Sh |
| 21 | 560 | 137071 | 180 | 45 Sh |
| | | 137074 | 300 | 60 Sh |
| | | 137079 | 500 | 70 Sh |
| 27 | 1175 | 137142 | 245 | 40 Sh |
| | | 137143 | 350 | 50 Sh |
| | | 137144 | 500 | 60 Sh |
| 31 | 1188 | 137063 | 310 | 50 Sh |
| | | 137062 | 750 | 70 Sh |
| | | 137075 | 300 | 45 Sh |
| 33 | 1462 | 137077 | 600 | 60 Sh |
| | | 137078 | 900 | 70 Sh |
| | | 137171 | 400 | 45 Sh |
| 36 | 1410 | 137172 | 700 | 60 Sh |
| | | 137173 | 1100 | 70 Sh |
| | | 137981 | 400 | 40 Sh |
| 39 | 1438 | 137982 | 600 | 50 Sh |
| | | 137983 | 900 | 60 Sh |
| | | 137984 | 1100 | 70 Sh |
| 40 | 1216 | 137081 | 420 | 45 Sh |
| | | 137082 | 690 | 60 Sh |
| | | 137083 | 1080 | 70 Sh |
| 45 | 1751 | 137595 | 420 | 45 Sh |
| | | 137596 | 700 | 60 Sh |
| | | 137597 | 1100 | 70 Sh |
| 60 | 1821 | 137091 | 900 | 45 Sh |
| | | 137092 | 1250 | 60 Sh |
| | | 137093 | 1560 | 70 Sh |
| 65 | 2965 | 137176 | 500 | 50 Sh |
| | | 137177 | 1100 | 65 Sh |
| | | 137178 | 1560 | 75 Sh |
| 70 | 3450 | 137101 | 1000 | 45 Sh |
| | | 137102 | 2100 | 60 Sh |
| | | 137103 | 2500 | 70 Sh |
| 75 | 4230 | 137786 | 850 | 45 Sh |
| | | 137787 | 1600 | 60 Sh |
| 121 NG | 7840 | 137830 | 1750 | 55 Sh |
| | | 137833 | 2000 | 65 Sh |
| 121 NP | 6940 | 137841 | 730 | 45 Sh |
| | | 137829 | 1200 | 55 Sh |
| 141 | 1039 | 137891 | 175 | 50 Sh |
| | | 137893 | 250 | 60 Sh |

NATURAL FREQUENCY CONE WITH CUTOUTS

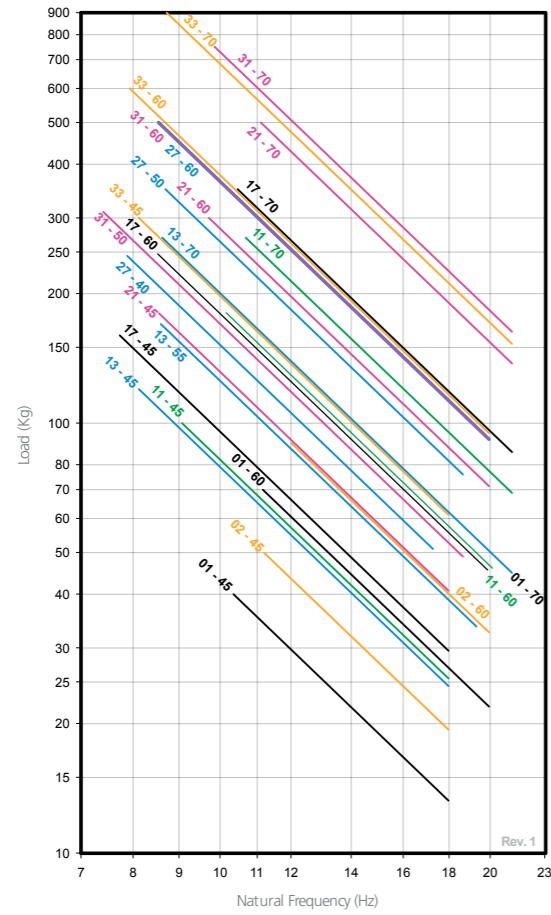


LOAD DEFLECTION GRAPH CONE WITH CUTOUTS

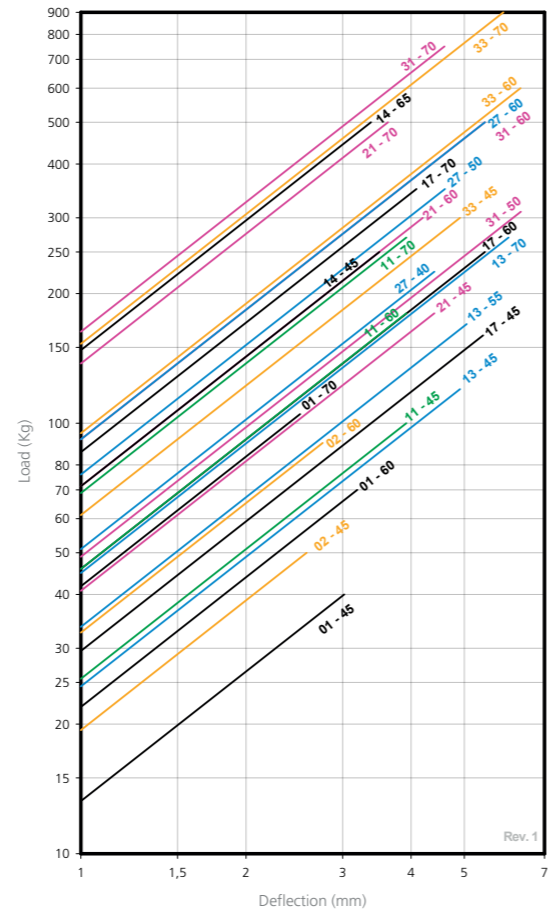




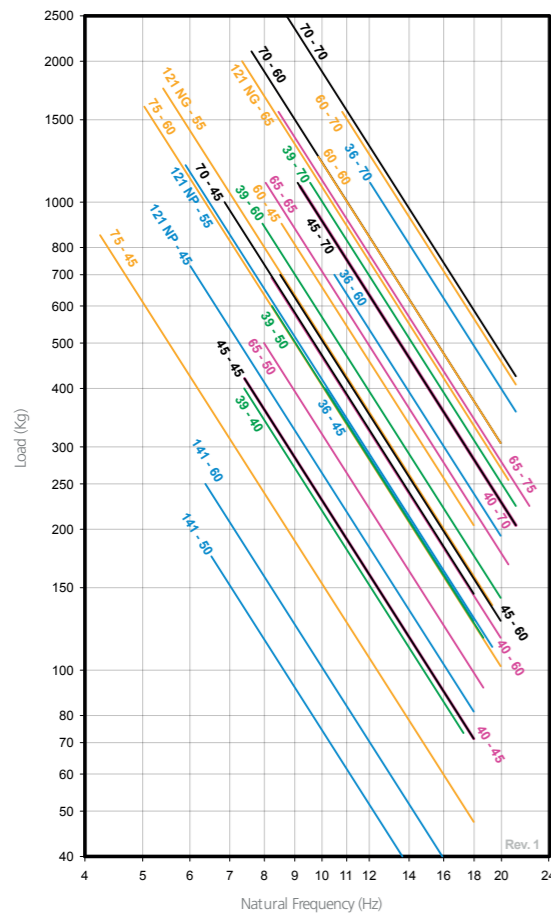
NATURAL FREQUENCY SOLID CONE 01-33



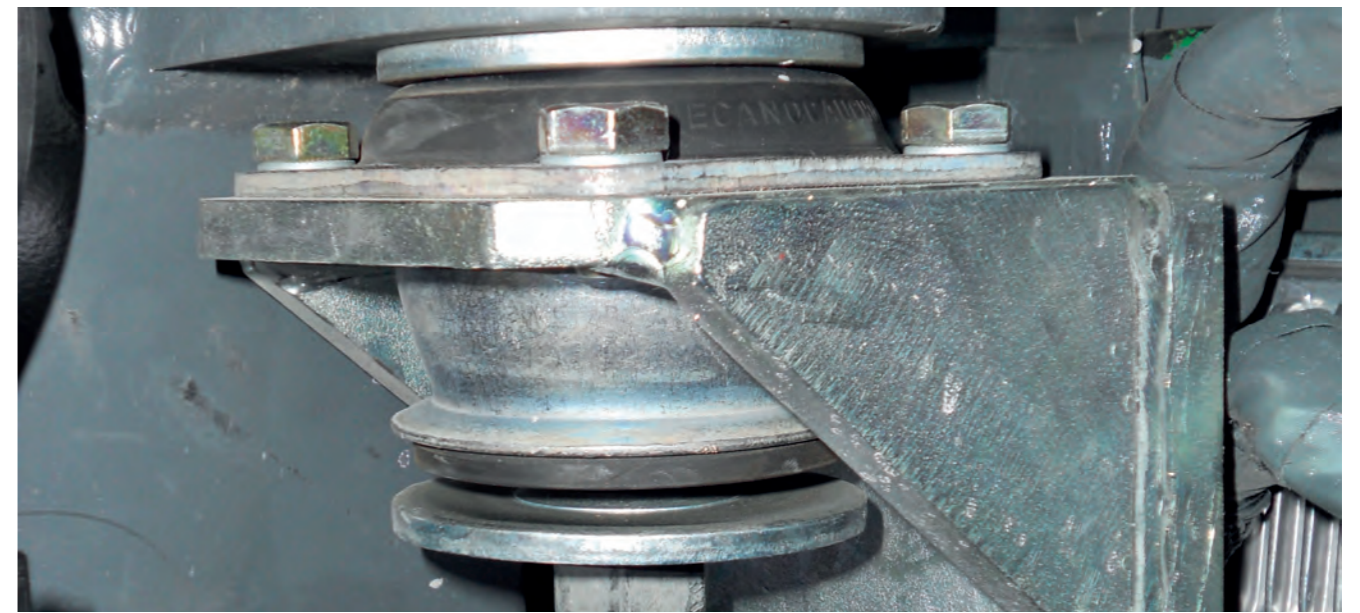
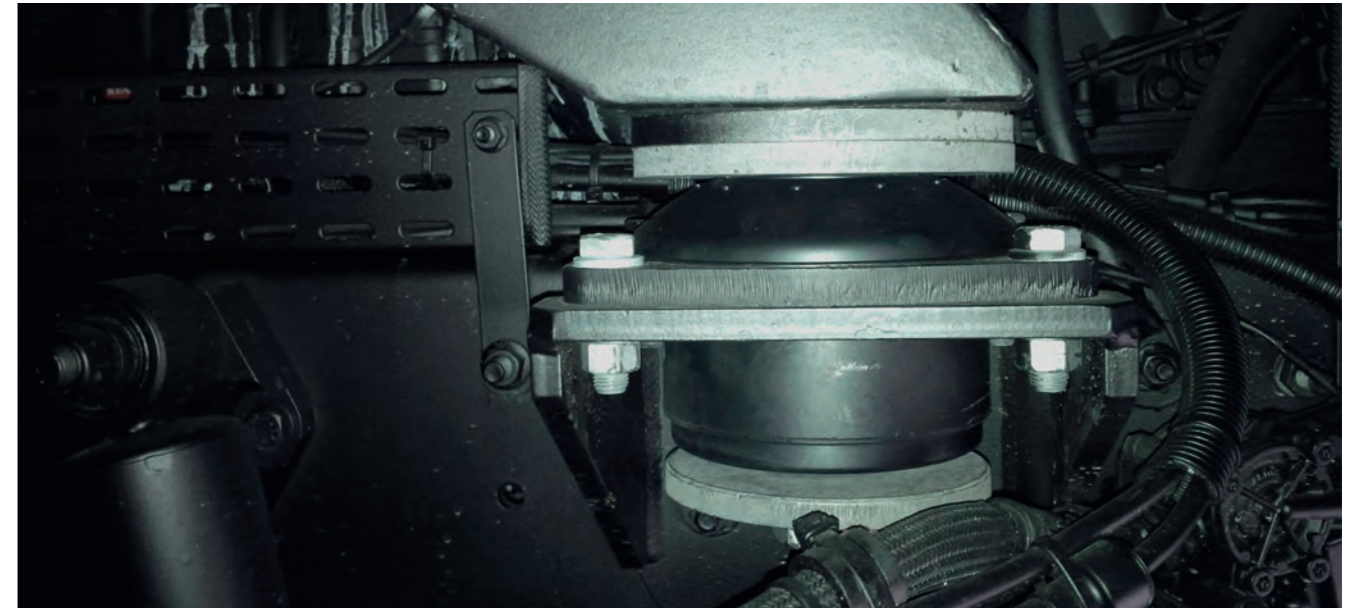
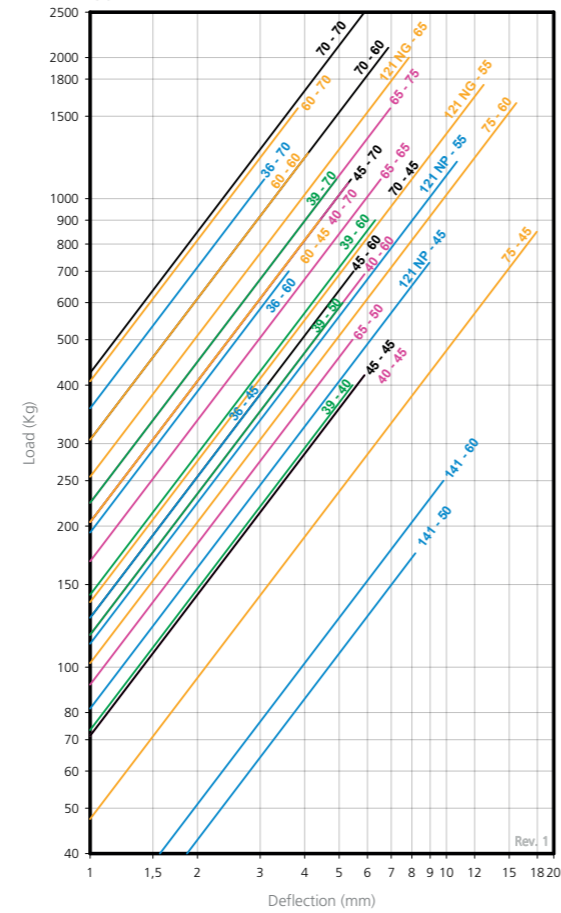
LOAD DEFLECTION GRAPH
SOLID CONE 01-33



NATURAL FREQUENCY SOLID CONE 36-141



LOAD DEFLECTION GRAPH
SOLID CONE 36-141



Installation examples.

CONES WITH FIXATION FLANGE

DESCRIPTION

The cones with fixation flange work the elastomer at shear compression. They are comprised of a high strength external metal armour and a conical internal that is placed concentrically.

TECHNICAL CHARACTERISTICS

The cones with fixation flange are conceived to offer predominant axial elasticity under heavy loads. The used elastomer is a low dynamic rigidification elastomer, which makes it possible to obtain low natural frequencies thus maintaining excellent stability of the suspended unit.

The mount's radial stiffness is superior to the axial. This is particularly interesting for applications where great horizontal stability needs to be maintained.

The AMC MECANOCAUCHO® Cone 100 mount is supplied with a height adjuster. This makes it possible to easily align transmission shafts without having to use additional accessories to do so.

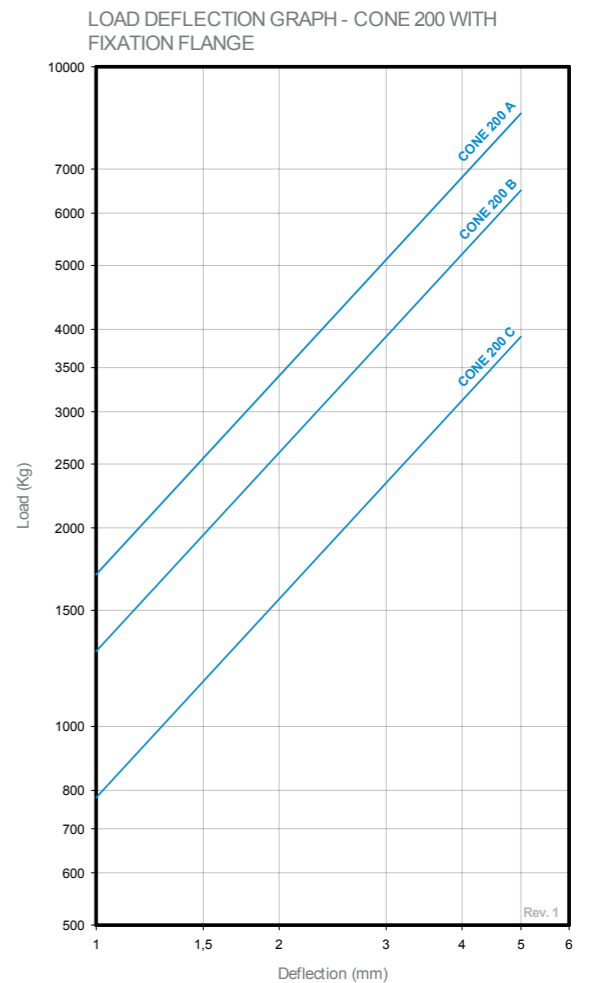
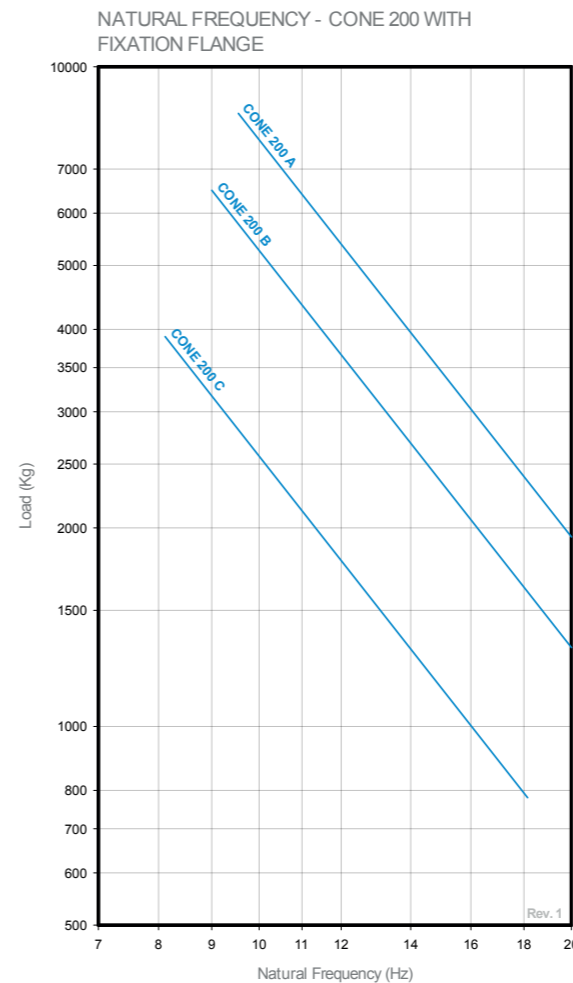
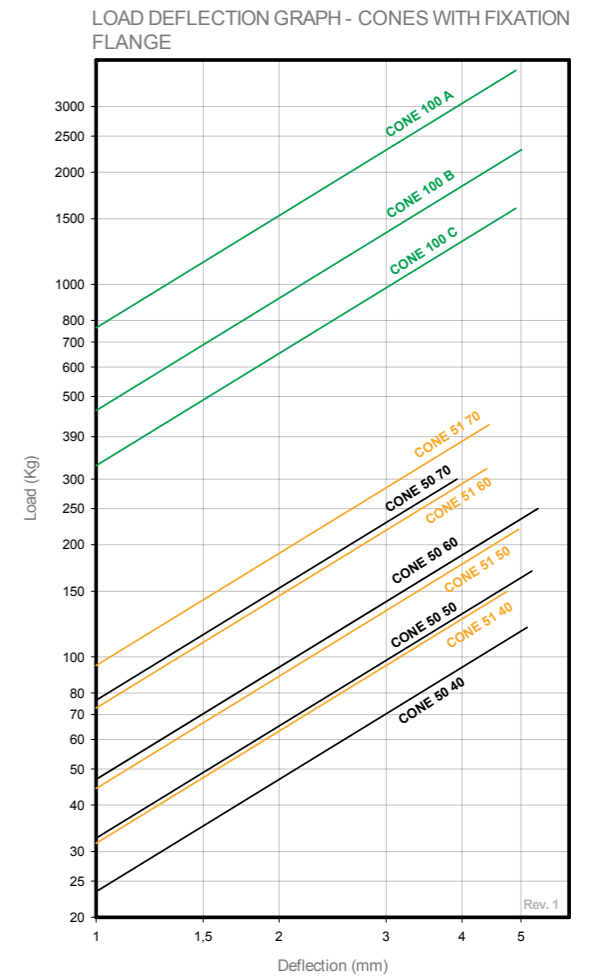
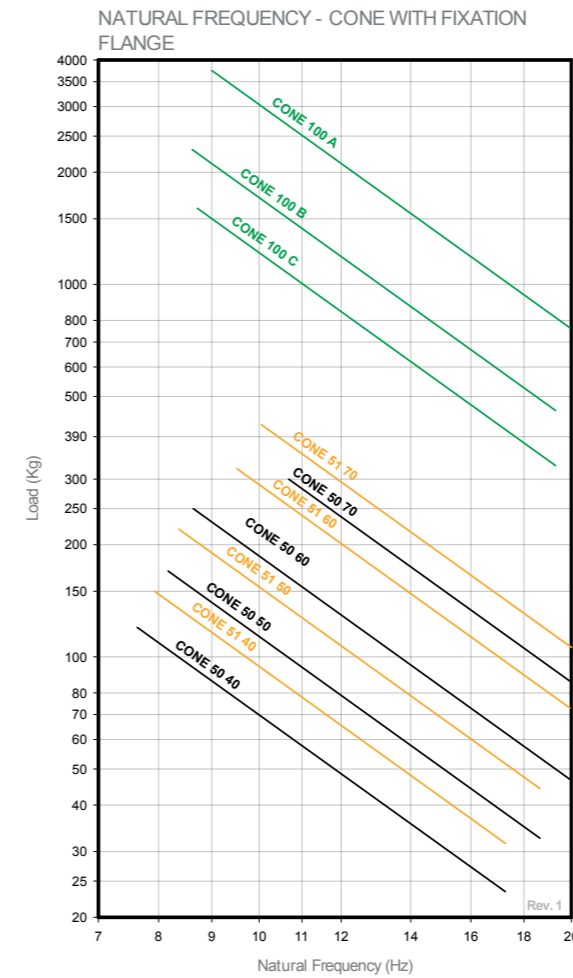
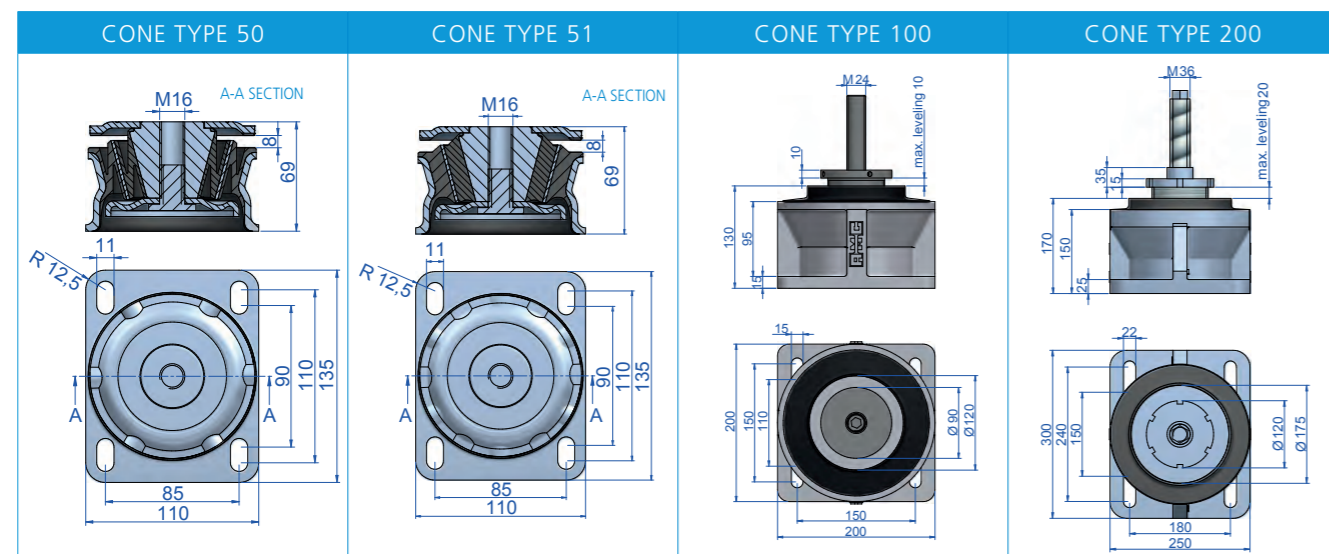
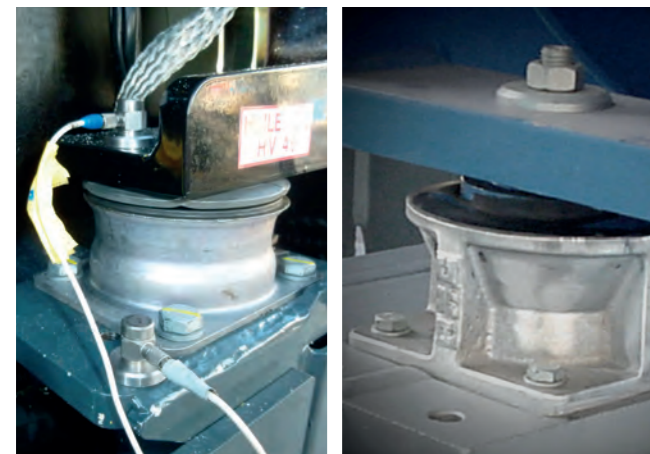
All the models also incorporate an interlocking metal part that allow them to act as a FAILSAFE system. Thanks to this, and to the ruggedness of the metal parts, this mount is suitable for applications where the suspended unit is submitted to great shocks.

APPLICATIONS

The cones with fixation flange have been designed specially for use in engines and auxiliary machinery for sta-tic applications and for applications in all kinds of vehicles.



| Type | Weight (gr.) | Code | Load (kg) | Shore |
|-----------------|--------------|--------|-----------|-------|
| Cone 50 M16x2 | 1600 | 137085 | 120 | 40 Sh |
| | | 137086 | 170 | 50 Sh |
| | | 137087 | 250 | 60 Sh |
| | | 137088 | 300 | 70 Sh |
| | | 137231 | 120 | 40 Sh |
| Cone 50 M16x1,5 | 1600 | 137233 | 170 | 50 Sh |
| | | 137235 | 250 | 60 Sh |
| | | 137237 | 300 | 70 Sh |
| | | 137095 | 150 | 40 Sh |
| Cone 51 M16x2 | 1750 | 137096 | 220 | 50 Sh |
| | | 137097 | 320 | 60 Sh |
| | | 137098 | 420 | 70 Sh |
| | | 137241 | 150 | 40 Sh |
| | | 137243 | 220 | 50 Sh |
| Cone 51 M16x1,5 | 1750 | 137245 | 320 | 60 Sh |
| | | 137247 | 420 | 70 Sh |
| | | 137213 | 3750 | - |
| Cone 100 A | 9626 | 137214 | 2300 | - |
| Cone 100 B | 9626 | 137215 | 1600 | - |
| Cone 200 A | 29000 | 137810 | 8500 | - |
| Cone 200 B | 29000 | 137801 | 6500 | - |
| Cone 200 C | 29000 | 137805 | 3900 | - |



CABIN MOUNT

DESCRIPTION

The cabin mount is composed of two main metal parts. Both metal parts are bonded to a high resilient rubber for optimum vibration isolation.

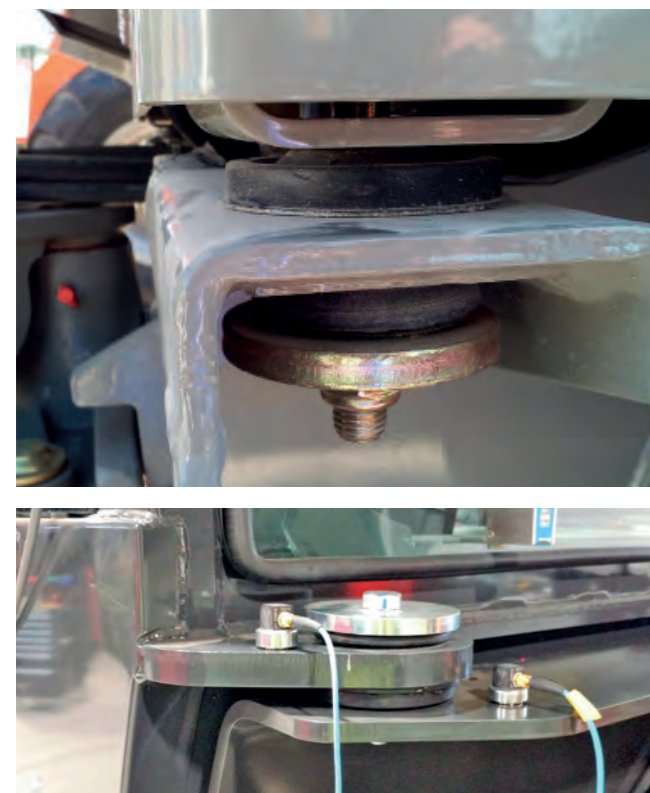
TECHNICAL CHARACTERISTICS

- This mount incorporates two bump shaped profiles in order to absorb dynamic loads or shocks. This feature is specially interesting for restricting the motion of the cabin under transient shocks.
- The metal parts are corrosion protected to cope with arduous environments on land or marine applications. RoHs compliant.
- The cabin mount can be manufactured in other different rubber compounds in order to be suitable for different weight of cabins.
- Our technical department can give the correct recommendation in order to overpass ROPS tests on construction equipment machinery.

APPLICATIONS

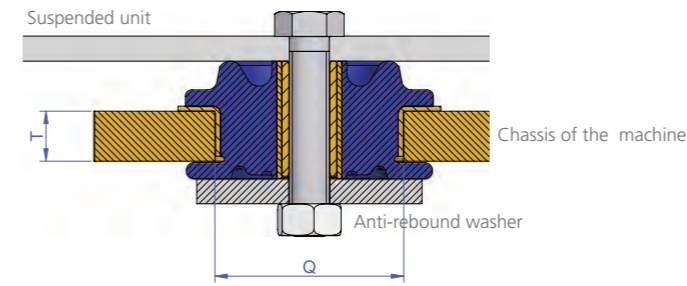
For the effective isolation of vibration and noise on cabins for the following purposes:

- Agricultural Tractors.
- Construction equipment machinery
- Off road vehicles.

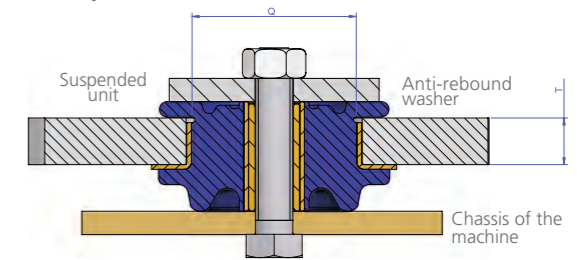


| CABIN MOUNT 75 + Anti-rebound Washer | CABIN MOUNT 80 + Anti-rebound Washer |
|--------------------------------------|--------------------------------------|
| | |
| CABIN MOUNT 85 | CABIN MOUNT 105 |
| | |
| CABIN MOUNT 120 | |
| | |

- Assembly 1



- Assembly 2



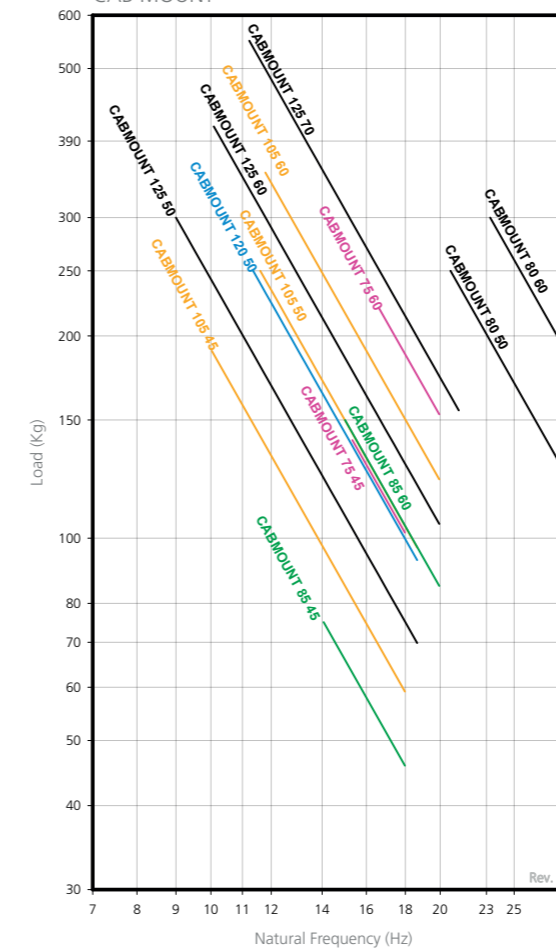
| Type | Q (mm) | T (mm) | Weight (gr.) | Load (kg) | Ø | Shore | Code |
|-----------------|--------|--------|--------------|-----------|----|-------|--------|
| Cabin Mount 75 | 55,5 | 20 | 328 | 140 | 16 | 45 Sh | 137371 |
| | | | | 220 | 16 | 60 Sh | 137372 |
| | | | | 140 | 20 | 45 Sh | 137373 |
| Cabin Mount 80 | 60 | 16 | 616 | 220 | 20 | 60 Sh | 137374 |
| | | | | 200 | 16 | 50 Sh | 137353 |
| | | | | 300 | 16 | 60 Sh | 137354 |
| Cabin Mount 85 | 60 | 16 | 300 | 200 | 20 | 50 Sh | 137351 |
| | | | | 300 | 20 | 60 Sh | 137352 |
| | | | | 75 | 16 | 45 Sh | 137322 |
| Cabin Mount 105 | 75 | 20 | 600 | 150 | 16 | 60 Sh | 137323 |
| | | | | 75 | 20 | 45 Sh | 137313 |
| | | | | 150 | 20 | 60 Sh | 137311 |
| Cabin Mount 120 | 89 | 20 | 660 | 190 | 16 | 45 Sh | 137301 |
| | | | | 250 | 16 | 50 Sh | 137318 |
| | | | | 350 | 16 | 60 Sh | 137315 |
| | | | | 190 | 20 | 45 Sh | 137302 |
| | | | | 250 | 20 | 50 Sh | 137320 |
| | | | | 350 | 20 | 60 Sh | 137319 |

| Type | Ø | Weight (gr.) | Øext (mm) | Øint (mm) | Thickness (mm) | Code |
|------------------------|----|--------------|-----------|-----------|----------------|--------|
| Cabin Mount 75 washer | 16 | 175 | 76 | 16,5 | 5 | 608074 |
| | | | | | | 20 |
| Cabin Mount 80 washer | 16 | 237 | 90 | 18 | 5 | 606482 |
| | | | | | | 20 |
| Cabin Mount 85 washer | 16 | 237 | 90 | 18 | 5 | 606482 |
| | | | | | | 20 |
| Cabin Mount 105 washer | 16 | 325 | 110 | 16,5 | 5 | 611167 |
| | | | | | | 20 |
| Cabin Mount 120 washer | 20 | 430 | 120 | 20,5 | 5 | 610255 |

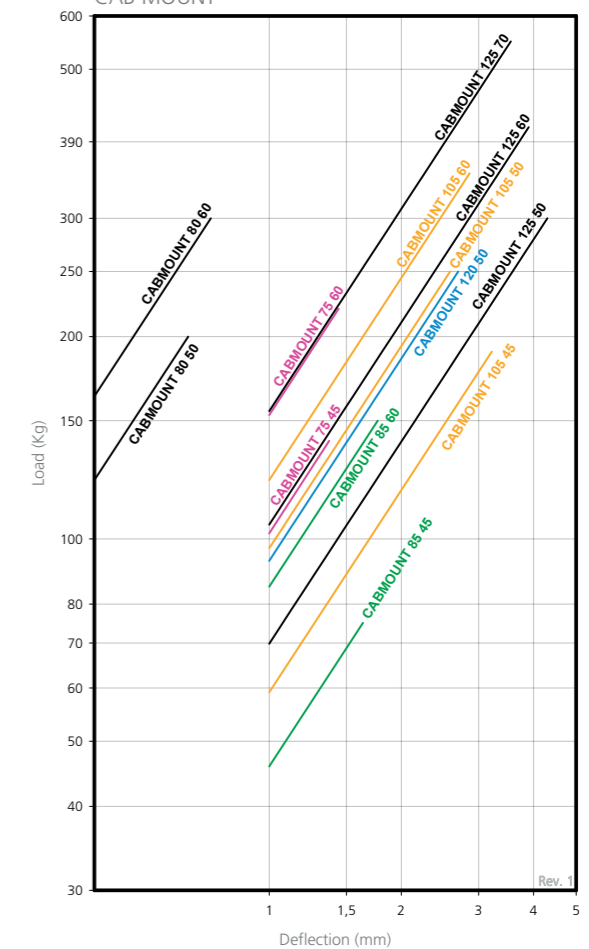
ANTI-REBOUND WASHER

This washer is mandatory to be a Fail-Safe System. The thickness of the washer depends on the application. Please contact us, if you have any question. The Cab mounts 75 and 80 include an anti rebound washer.

NATURAL FREQUENCY GRAPHS CAB MOUNT



LOAD DEFLECTION GRAPHS CAB MOUNT



CB

DESCRIPTION

The type CB mounts are installed in pairs. Installation is simplified as both mounts fixed with one through bolt and a washers at each end.

The mount is provided with a built in wear plate that prevents the elastomeric element from coming in contact with sharp edges of support frames or structures that may cause friction in traditionally used semi bonded mounts. Therefore with these mounts there is no need to machine radii or chamfer holes.

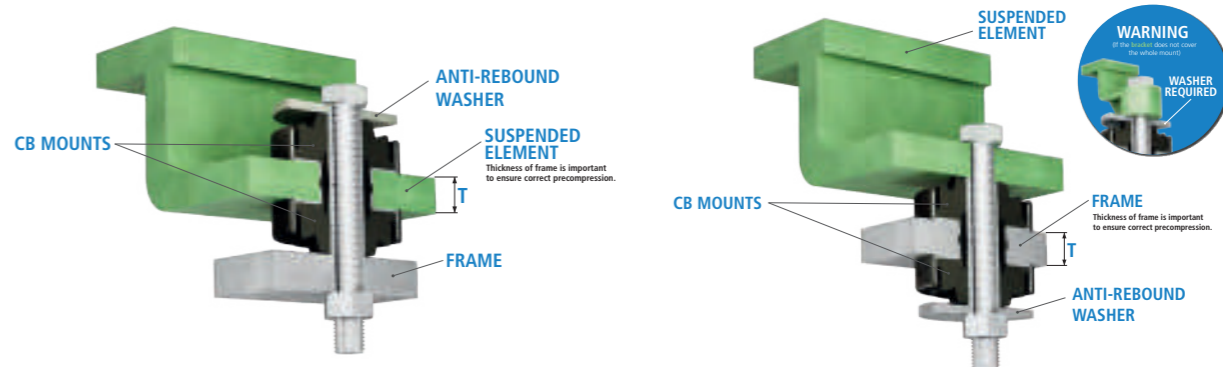
The specific design of the mounts permits high dynamic loads whilst limiting the movement due to the multiple axial snubbing design.

TECHNICAL CHARACTERISTICS

- The AMC MECANOCAUCHO® Type CB is radially 30% softer than axially. This feature is specially interesting for those machines or equipments where radial axis vibration isolation is important.
- The mount is provided with a built in snubbing system that allows the following elastical courses:
 - Vertical: +/- 6 mm
 - Horizontal: +/- 3mm
- The mount can be supplied in two different sizes and in different hardness compounds to accommodate applications from 30 to 550 Kg per mount.
- Metal parts are embedded in rubber in order to prevent corrosion.

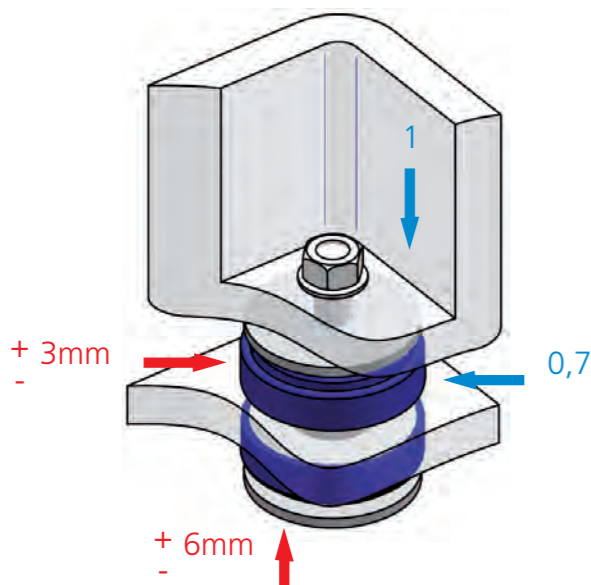
APPLICATIONS

- Agricultural or construction equipment cabins, engines, radiators, transmission, battery boxes.
- Marine equipment
- Mobile Generators or compressors.
- Chassis frames for Military, Bus, Truck, Motorhome and Emergency vehicles.

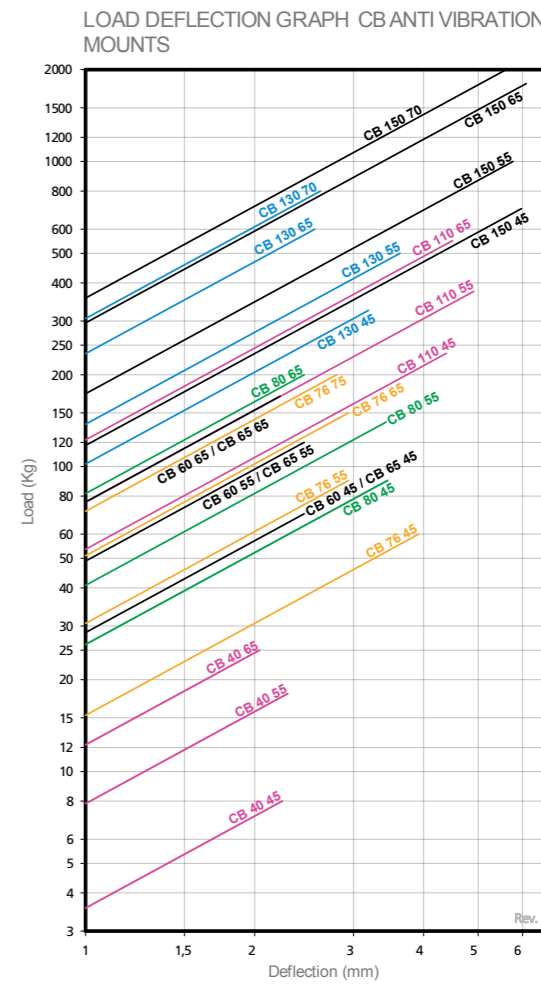
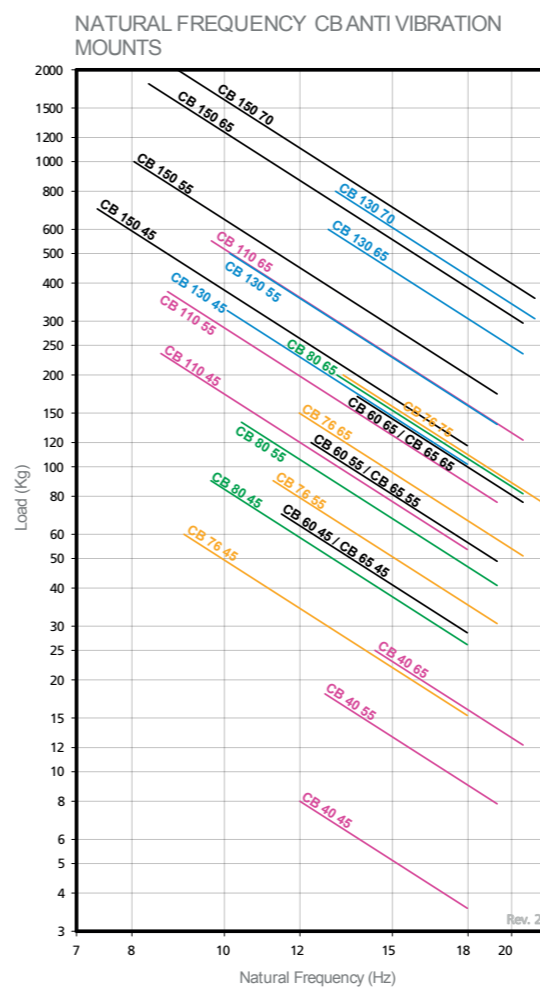


Blue colour: Stiffness ratios per axis.

Red colour: Maximum elastical course per axis.



| Type | T (Máx.) | T (Min.) | Weight (gr.) | Washer | Bolt size (metric) | Bolt size (imperial) | Shore | Max. Load (Kg.) | Code | Type | Weight (gr.) | Øext (mm) | Øint (mm) | Thick-ness (mm) | Code |
|--------|----------|----------|--------------|--------|--------------------|----------------------|-------|-----------------|--------|---------------|--------------|-----------|-----------|-----------------|--------|
| CB 40 | 5 | 5 | 30 | 610053 | M8 | 5/16" | 45Sh | 8 | 156070 | CB 40 WASHER | 16 | 38 | 8,5 | 2 | 610053 |
| | | | | | | | 55Sh | 18 | 156071 | | | | | | |
| | | | | | | | 65Sh | 25 | 156072 | | | | | | |
| CB 60 | 20 | 20 | 140 | 606130 | M16 | 5/8" | 45 Sh | 70 | 156011 | CB 60 WASHER | 125 | 66 | 16,5 | 5 | 606130 |
| | | | | | | | 55 Sh | 120 | 156013 | | | | | | |
| | | | | | | | 65 Sh | 170 | 156014 | | | | | | |
| CB 65 | 20 | 20 | 175 | 706004 | M18 | 1 1/16" | 45 Sh | 70 | 156031 | CB 65 WASHER | 141 | 67 | 18,5 | 5 | 706004 |
| | | | | | | | 55 Sh | 120 | 156032 | | | | | | |
| | | | | | | | 65 Sh | 170 | 156033 | | | | | | |
| CB 76 | 15 | 15 | 223 | 608074 | M16 | 5/8" | 45 Sh | 60 | 156053 | CB 76 WASHER | 175 | 76 | 16,5 | 5 | 608074 |
| | | | | | | | 55 Sh | 90 | 156054 | | | | | | |
| | | | | | | | 65 Sh | 150 | 156055 | | | | | | |
| CB 80 | 20 | 18 | 242 | 608074 | M16 | 5/8" | 45 Sh | 90 | 156001 | CB 80 WASHER | 175 | 76 | 16,5 | 5 | 608074 |
| | | | | | | | 55 Sh | 140 | 156002 | | | | | | |
| | | | | | | | 65 Sh | 200 | 156003 | | | | | | |
| CB 110 | 25 | 25 | 630 | 610192 | M22 M20 | 7/8" 3/4" | 45 Sh | 235 | 156021 | CB 110 WASHER | 286 | 110 | 23 | 5 | 610192 |
| | | | | | | | 55 Sh | 375 | 156022 | | | | | | |
| | | | | | | | 65 Sh | 550 | 156023 | | | | | | |
| CB 130 | 40 | 40 | 1200 | 608278 | M30 | 1 1/8" | 45 Sh | 325 | 156026 | CB 130 WASHER | 1233 | 145 | 30,5 | 10 | 608278 |
| | | | | | | | 55 Sh | 500 | 156027 | | | | | | |
| | | | | | | | 65 Sh | 600 | 156028 | | | | | | |
| CB 150 | 40 | 40 | 1783 | 608278 | M30 | 1 1/8" | 45 Sh | 700 | 156065 | CB 150 WASHER | 1233 | 145 | 30,5 | 10 | 608278 |
| | | | | | | | 55 Sh | 1000 | 156066 | | | | | | |
| | | | | | | | 65 Sh | 1800 | 156067 | | | | | | |
| | | | | | | | 70 Sh | 2000 | 156068 | | | | | | |



SCH

DESCRIPTION

The SCH type mounts are made of two parts of rubber, one of which bears an inside metal bushing which acts as a guide through the machine anchoring screw.

It is installed pre-compressed on the actual machine frame, whose thickness "T" determines the degree of precompression.

TECHNICAL CHARACTERISTICS

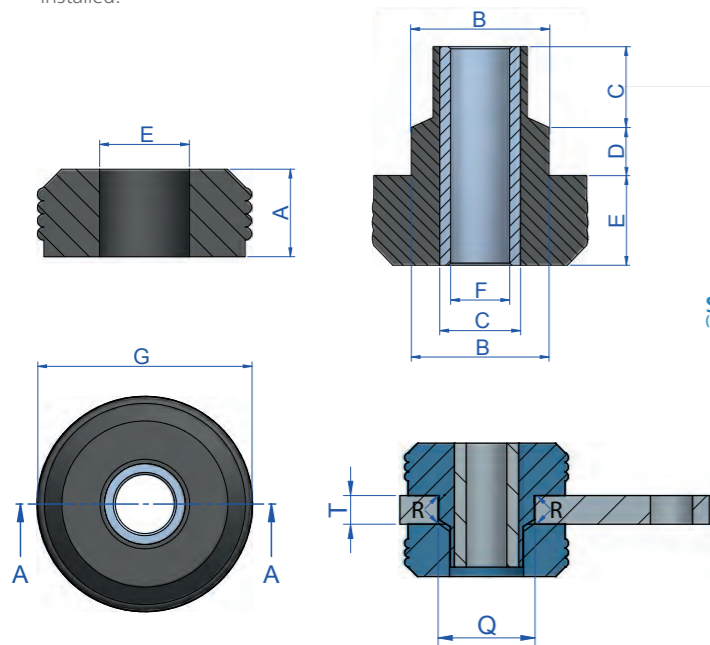
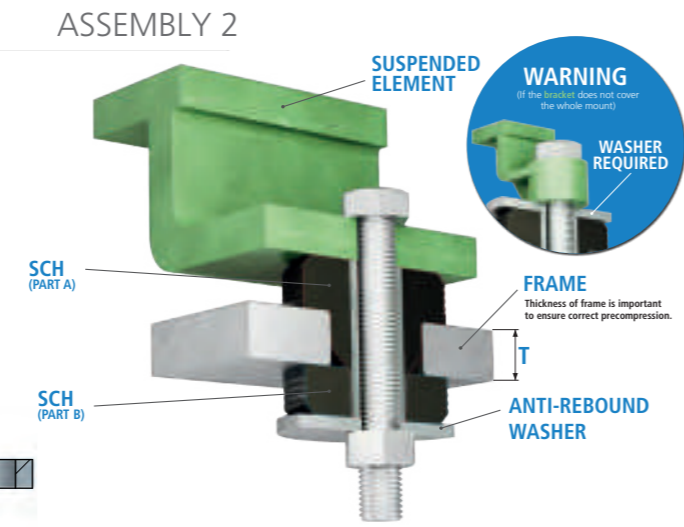
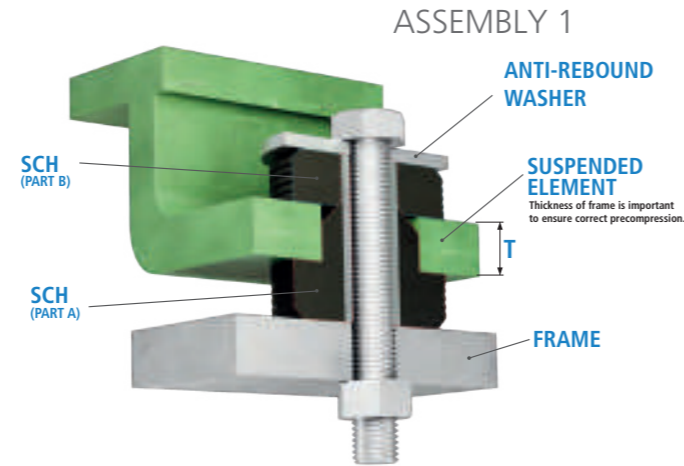
This antivibration mount is ideal for applications of major dynamic loads where movement control is necessary, such as in the cabins of all types of mobile vehicles. It also offers optimal stability, as well as good attenuation of impacts and vibrations.

APPLICATIONS

- Vehicle cabins.
- Public works and agricultural vehicles, etc.

ASSEMBLY INSTRUCTIONS

The SCH mounts should be assembled according to the following installation instructions. There are two possible configurations, see assembly 1 and assembly 2, for which the recommendations given in the following chart must be observed. They can be installed in plates of different thicknesses according to the Tmax and Tmin values given in the table at the bottom. The Load vs. Deformation curves will vary according to the thickness of the plate on which the mount is to be installed.



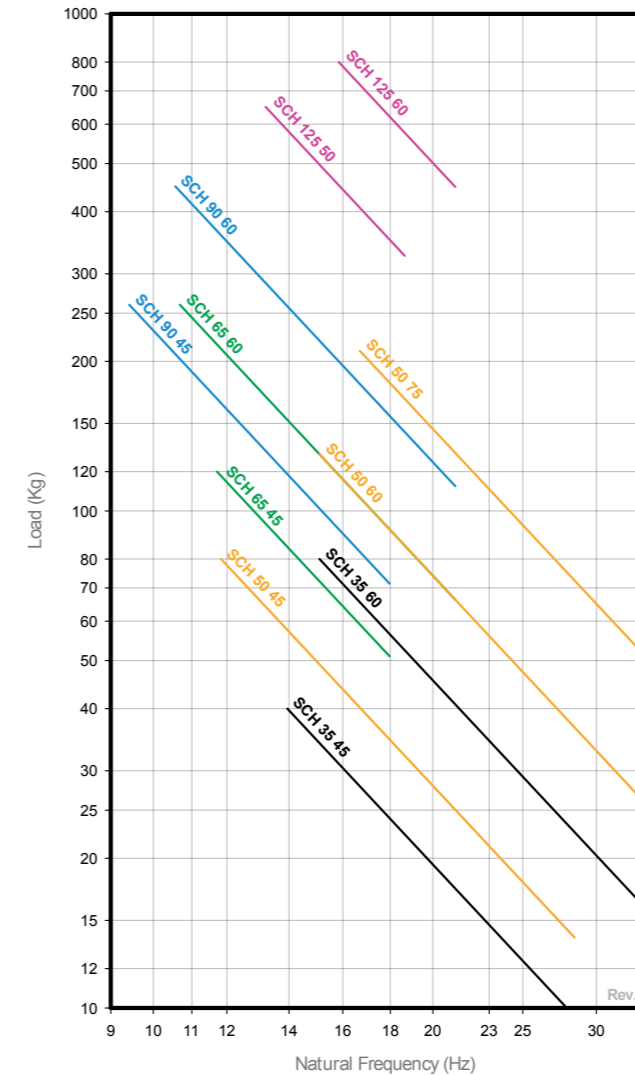
Washers should be used, if the rubber surface is not covered with the contact surface. Washers upon request.

| Type | A (mm.) | B (mm.) | C (mm.) | D (mm.) | E (mm.) | F (mm.) | G (mm.) | Q (mm.) | T (Max.) | T (Min.) | Weight (gr.) | R (mm) | Code | Shore | Max. |
|---------|---------|---------|---------|---------|---------|---------|---------|---------|----------|----------|--------------|--------|--------|-------|------|
| SCH 35 | 11 | 20,1 | 11 | 4 | 11 | 8,1 | 33,5 | 19,1 | 6 | 6 | 94 | 1 | 138677 | 45 Sh | 40 |
| | | | | | | | | | | | | | 138678 | 60 Sh | 80 |
| SCH 50 | 20 | 31 | 19,5 | 10,5 | 20 | 13,5 | 49 | 30,5 | 14 | 12,5 | 153 | 1,5 | 138501 | 45 Sh | 80 |
| | | | | | | | | | | | | | 138504 | 60 Sh | 130 |
| | | | | | | | | | | | | | 138522 | 75 Sh | 210 |
| SCH 65 | 23 | 39,5 | 24 | 15 | 23 | 17 | 63,5 | 38,5 | 22 | 19 | 350 | 2,5 | 138502 | 45 Sh | 120 |
| | | | | | | | | | | | | | 138505 | 60 Sh | 260 |
| SCH 90 | 25 | 58 | 31 | 17 | 25 | 23 | 88 | 57 | 29 | 25 | 675 | 3 | 138503 | 45 Sh | 260 |
| | | | | | | | | | | | | | 138506 | 60 Sh | 450 |
| SCH 125 | 32 | 64,5 | 32 | 22 | 32 | 27 | 125,5 | 64 | 32 | 25 | 1440 | 3 | 138514 | 50 Sh | 650 |
| | | | | | | | | | | | | | 138515 | 60 Sh | 800 |

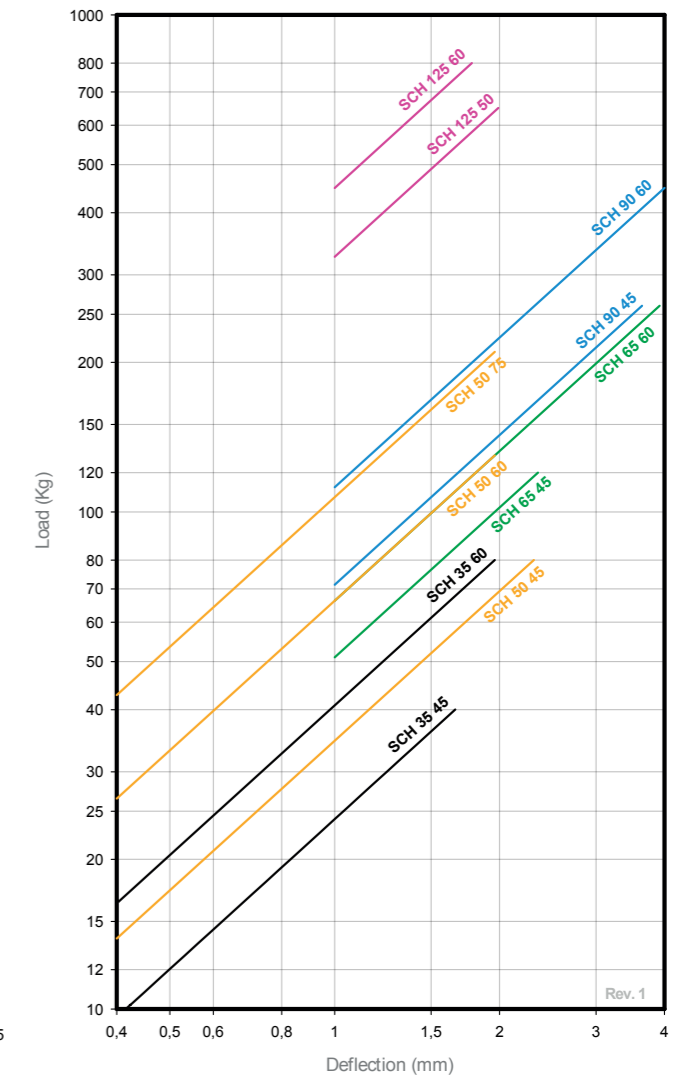
| Type | Code | Øext (mm) | Øint (mm) | Thickness (mm) |
|----------------|--------|-----------|-----------|----------------|
| SCH 35 WASHER | 610053 | 38 | 8,5 | 2 |
| SCH 50 WASHER | 611080 | 54 | 12,5 | 3 |
| SCH 65 WASHER | 606130 | 67 | 16,5 | 5 |
| SCH 90 WASHER | 608101 | 95 | 22 | 6 |
| SCH 125 WASHER | 610123 | 125 | 25 | 8 |



NATURAL FREQUENCY SCH ANTI VIBRATION MOUNTS



LOAD DEFLECTION GRAPH SCH ANTI VIBRATION MOUNTS



SCHR

DESCRIPTION

The SCHR type mounts are made of two parts of rubber, one of which bears an inside metal bushing which acts as a guide through the machine ancho-ring screw. It is installed pre-compressed on the actual machine frame, whose thickness "T" determines the degree of precompression.

Moreover it contains a metallic part, that avoids a premature wear by friction between the rubber and the housing of the mount.

TECHNICAL CHARACTERISTICS

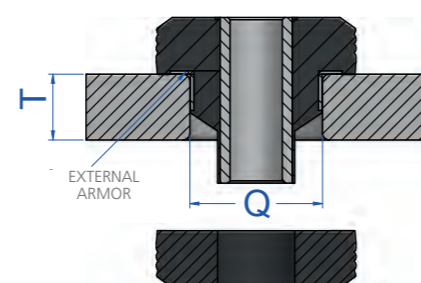
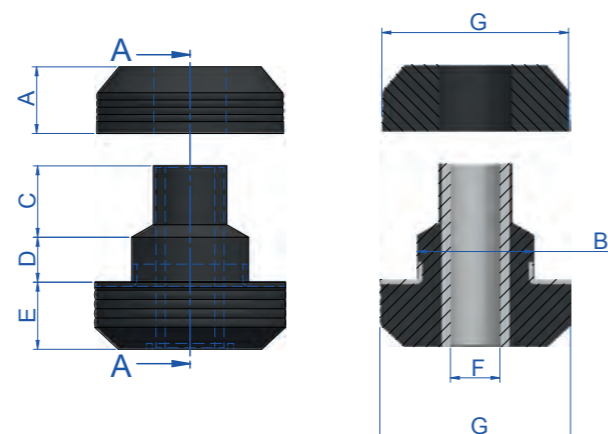
This antivibration mount is ideal for applications of major dynamic loads where movement control is necessary, such as in the cabins of all types of mobile vehicles. It also offers optimal stability, as well as good attenuation of impacts and vibrations.

APPLICATIONS

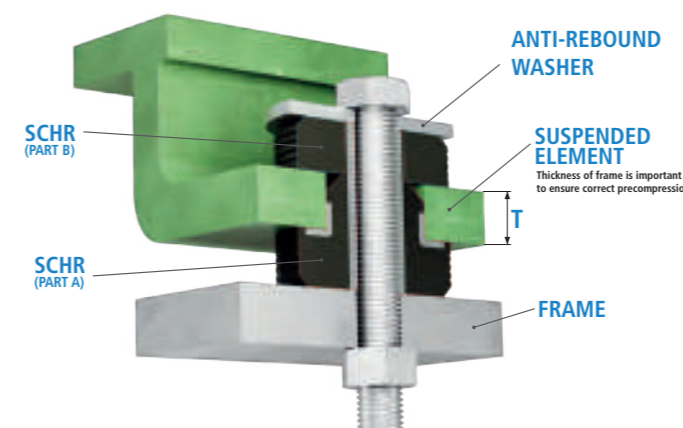
- Vehicle cabins
- Public works and agricultural vehicles, etc.

ASSEMBLY INSTRUCTIONS

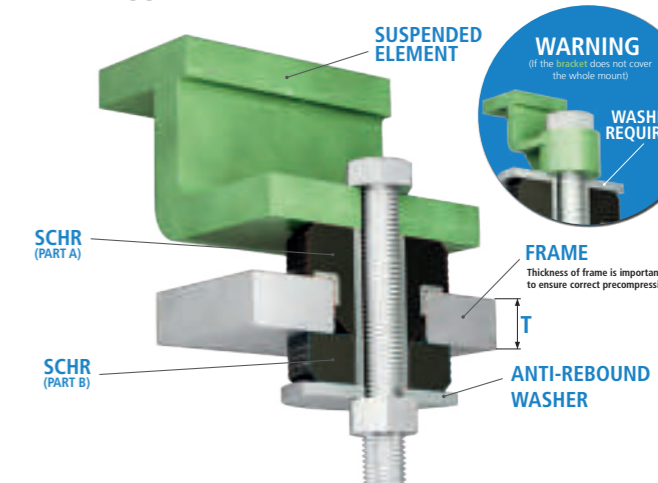
The SCHR mounts should be assembled according to the following installation instructions. There are two possible configurations, see assembly 1 and assembly 2, for which the recommendations given in the following chart must be observed. They can be installed in plates of different thicknesses according to the T_{max} and T_{min} values given in the table at the bottom. The Load vs. Deformation curves will vary according to the thickness of the plate on which the mount is to be installed.



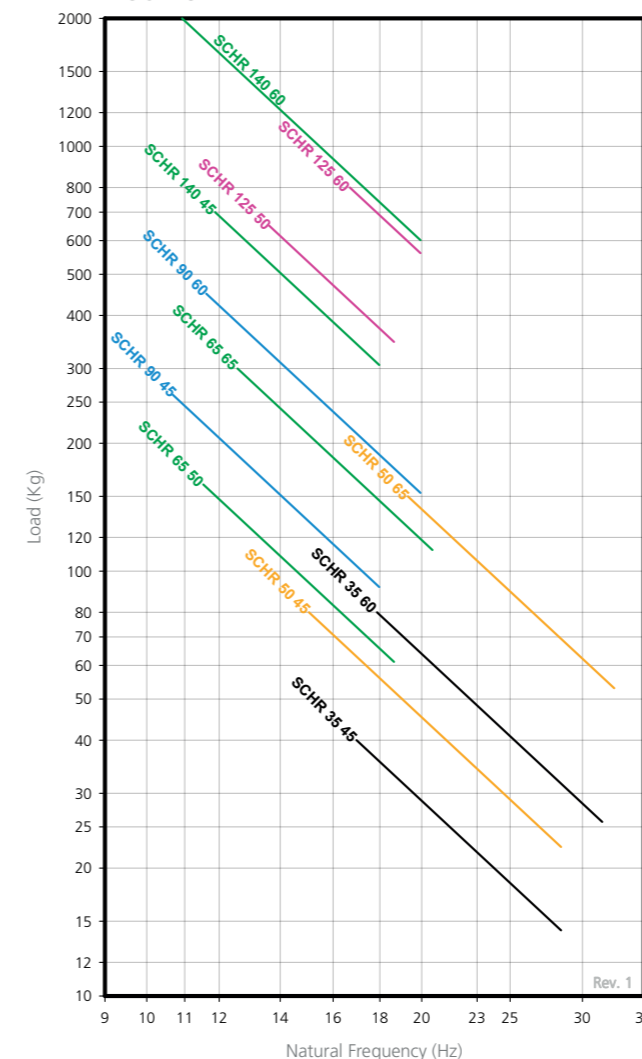
ASSEMBLY 1



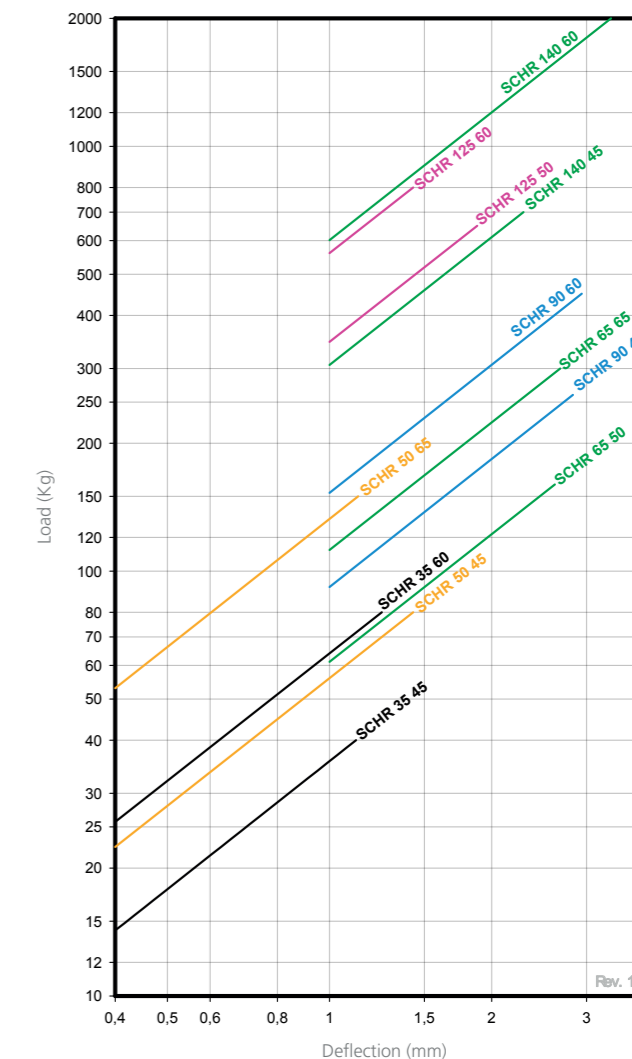
ASSEMBLY 2



NATURAL FREQUENCY SCHR ANTI VIBRATION MOUNTS



LOAD DEFLECTION GRAPH SCHR ANTI VIBRATION MOUNTS



| Type | A (mm) | B (mm) | C (mm) | D (mm) | E (mm) | F (mm) | G (mm) | Q (mm) | T (Max.) | T (Min.) | Weight (gr.) | Code | Shore | Max. Load (kg) |
|----------|--------|--------|--------|--------|--------|--------|--------|--------|----------|----------|--------------|--------|-------|----------------|
| SCHR 35 | 11 | 20,1 | 11 | 4 | 11 | 8 | 34,5 | 20,4 | 6 | 6 | 42 | 138621 | 45 Sh | 40 |
| | | | | | | | | | | | | 138623 | 60 Sh | 80 |
| SCHR 50 | 20 | 31,7 | 19,5 | 10,5 | 20 | 13,5 | 49 | 31,8 | 14 | 12,5 | 153 | 138535 | 45 Sh | 80 |
| | | | | | | | | | | | | 138534 | 65 Sh | 150 |
| SCHR 65 | 23 | 39,5 | 24 | 15 | 23 | 16,75 | 64,5 | 40 | 22 | 19 | 269 | 138551 | 50 Sh | 160 |
| | | | | | | | | | | | | 138552 | 65 Sh | 300 |
| SCHR 90 | 25 | 56,5 | 31 | 17 | 25 | 23 | 88 | 57 | 29 | 25 | 675 | 138547 | 45 Sh | 260 |
| | | | | | | | | | | | | 138548 | 60 Sh | 450 |
| SCHR 125 | 32 | 65,4 | 32 | 22 | 32 | 27 | 125,5 | 65,8 | 32 | 25 | 1440 | 138216 | 50 Sh | 650 |
| | | | | | | | | | | | | 138217 | 60 Sh | 800 |
| SCHR 140 | 35 | 70 | 31 | 13 | 35 | 31 | 140 | 71 | 20 | 20 | 1900 | 138508 | 45 Sh | 700 |
| | | | | | | | | | | | | 138510 | 60 Sh | 2000 |

Washers should be used, if the rubber surface is not covered with the contact surface.
Washers upon request.

| Type | Code | Weight (kg) | Øext (mm) | Øint (mm) | Thickness (mm) |
|-----------------|--------|-------------|-----------|-----------|----------------|
| SCHR 35 Washer | 610053 | 0,03 | 38 | 8,5 | 2 |
| SCHR 50 Washer | 611080 | 0,051 | 54 | 13,5 | 3 |
| SCHR 65 Washer | 606130 | 0,125 | 67 | 16,5 | 5 |
| SCHR 90 Washer | 608101 | 0,31 | 96 | 22 | 6 |
| SCHR 125 Washer | 610123 | 0,58 | 145 | 25 | 8 |
| SCHR 140 Washer | 608115 | 1,251 | 145 | 30 | 10 |

TF

DESCRIPTION

The TF type anti vibration mounts are made of two moulded parts. One of circular fully moulded rubber, and one circular part which is fully bonded to a centre tube which acts as a guide for the machine anchoring bolt. They are installed pre-compressed on the actual machine frame, whose thickness "E" determines the degree of pre-compression of the assembly.

TECHNICAL CHARACTERISTICS

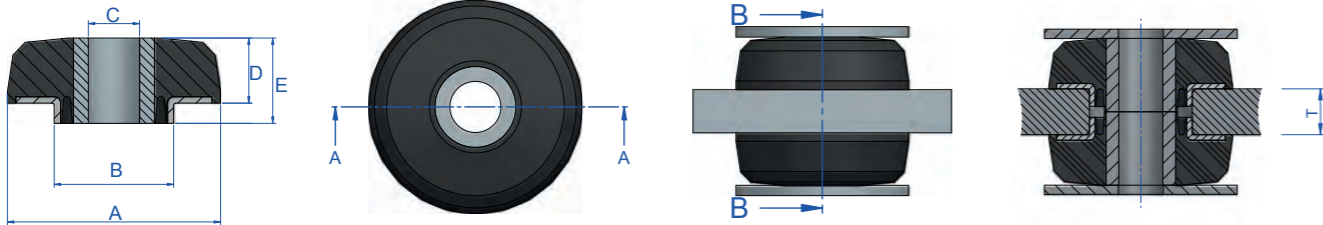
This antivibration mount is ideal for applications with major dynamic loadings such as; Off-Road Construction vehicles for engines, gear-boxes, Operator Cabins where movement control is necessary. It also offers optimal stability, as well as good attenuation of impacts and high frequency vibrations.

ASSEMBLY INSTRUCTIONS

The TF mounts should be assembled according to the following installation instructions. There are two possible configurations, see assembly 1 and assembly 2, for which the recommendations given in the following chart must be observed. They can be installed in plates of different thicknesses according to the Tmx and Tmin values given in the Table provided. The Load vs Deformation curves will vary according to the plate thickness in which the mount will be installed.

APPLICATIONS

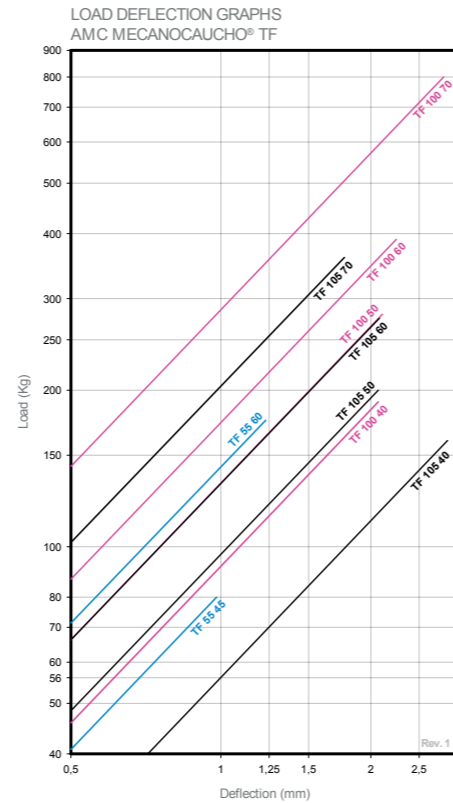
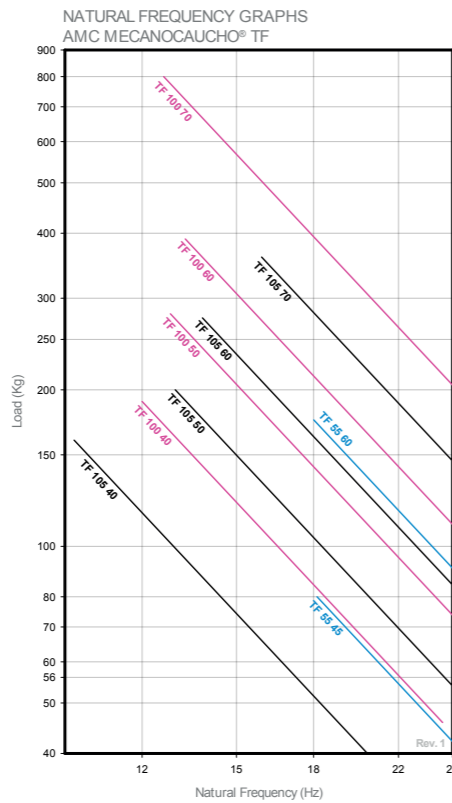
- Vehicle cabins
- Construction equipment machinery and agricultural vehicles, etc.



| Type | A (mm.) | B (mm.) | C (mm.) | D (mm.) | E (mm.) | T (mm.) | Code | Shore | Max. Load (kg) |
|--------|---------|---------|---------|---------|---------|---------|--------|-------|----------------|
| TF 55 | 55 | 40,5 | 16,2 | 16,4 | - | 10 | 138061 | 45 Sh | 80 |
| | | | | | | | 138063 | 60 Sh | 175 |
| | | | | | | | 137365 | 40 Sh | 190 |
| TF 100 | 100 | 56 | 24 | 30,5 | 40 | 25 | 137366 | 50 Sh | 280 |
| | | | | | | | 137363 | 60 Sh | 390 |
| | | | | | | | 137364 | 70 Sh | 800 |
| | | | | | | | 137381 | 40 Sh | 160 |
| TF 105 | 105 | 75 | 16 | 29 | 38 | 20 | 137382 | 50 Sh | 200 |
| | | | | | | | 137383 | 60 Sh | 275 |
| | | | | | | | 137384 | 70 Sh | 360 |

Washers should be used, if the rubber surface is not covered with the contact surface. Washers upon request.

| Type | Code | Øext (mm.) | Øint (mm.) | Thickness (mm) |
|---------------|--------|------------|------------|----------------|
| TF 55 Washer | 611056 | 54 | 17 | 3 |
| TF 100 Washer | 606484 | 110 | 24,5 | 5 |
| TF 105 Washer | 606481 | 105 | 18 | 5 |



ANTI-VIBRATION MOUNTS

SCBR

DESCRIPTION

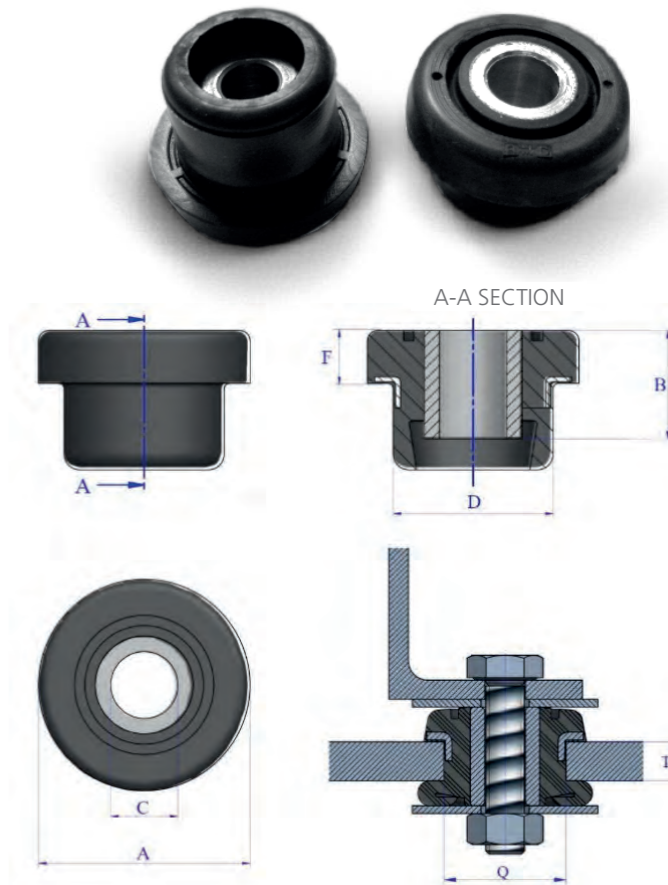
The SCBR elastic mounts are elements that work on the basis of compression since thanks to their design and assembly they provide an anti-rebound effect, thus permitting safety assemblies.

Moreover it contains a metallic part, that avoids a premature wear by friction between the rubber and the housing of the mount.

ADVANTAGES

The inside stop effect makes them very recommendable for safety purposes.

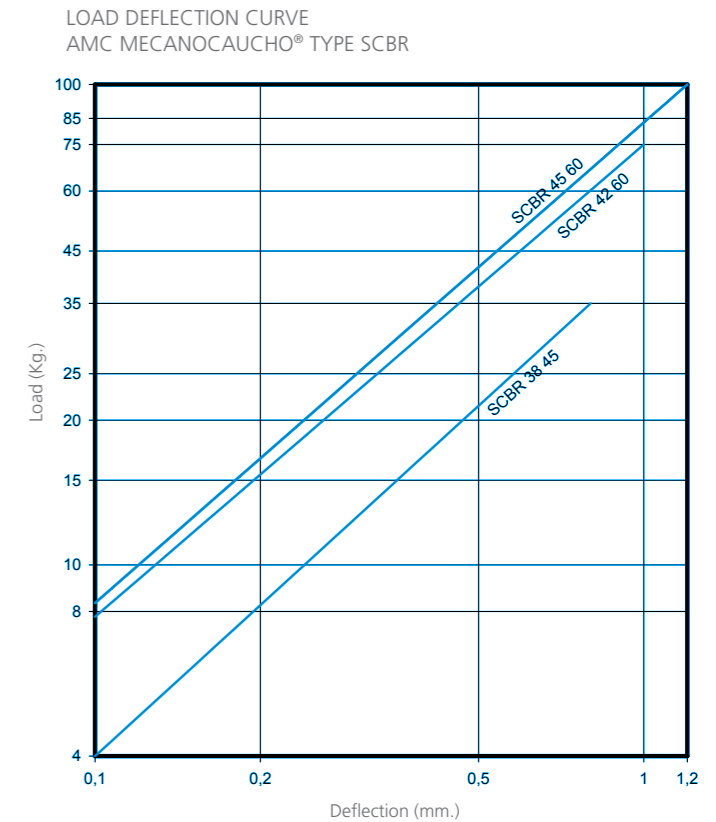
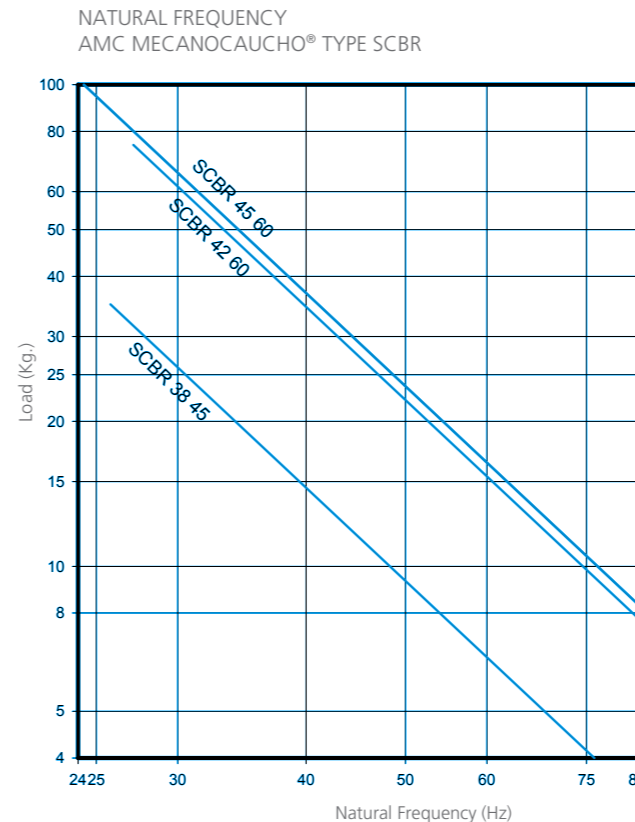
- Easy to assemble.
- Simple and economical product.
- Wide range of loads.



Washers should be used, if the rubber surface is not covered with the contact surface. Washers upon request.

| Type | A (mm) | B (mm) | C (mm) | D (mm) | F (mm) | Q (mm) | T (Max.) | T (Min.) | Weight (gr.) | Washer | Code | Load (kg) | Shore |
|---------|--------|--------|--------|--------|--------|--------|----------|----------|--------------|--------|--------|-----------|-------|
| SCBR 38 | 34 | 19 | 10,75 | 20,75 | 11 | 20,5 | 5 | 3 | 30 | 611065 | 138045 | 35 | 45 Sh |
| SCBR 42 | 42 | 21,25 | 13 | 31,5 | 9,5 | 31,5 | 6 | 6 | 40 | 611080 | 138051 | 75 | 60 Sh |
| SCBR 45 | 42 | 25,5 | 10,5 | 31,5 | 10 | 30 | 11 | 10 | 56 | 611080 | 138027 | 100 | 60 Sh |

| Type | Øext (mm) | Øint (mm) | Thickness (mm) | Code | Weight (kg) |
|---------------|-----------|-----------|----------------|--------|-------------|
| SCB 38 WASHER | 38 | 12,5 | 3 | 611065 | 0,04 |
| SCB 42 WASHER | 54 | 12,5 | 3 | 611080 | 0,051 |
| SCB 45 WASHER | 54 | 12,5 | 3 | 611080 | 0,051 |



SCB

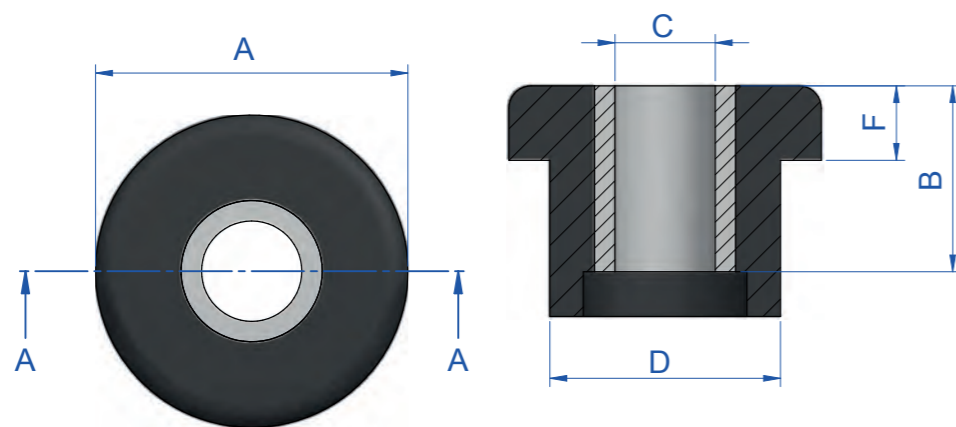
DESCRIPTION

The SCB elastic mounts are elements that work on the basis of compression since thanks to their design and assembly they provide an anti-rebound effect, thus permitting safety assemblies.

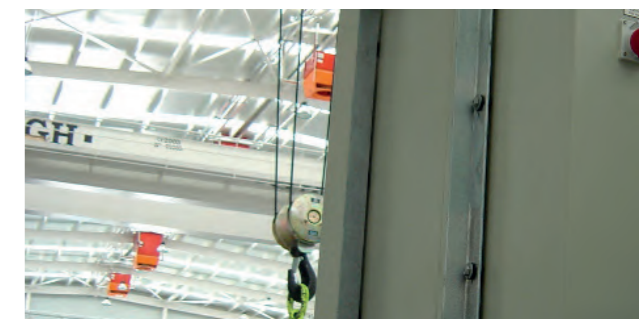
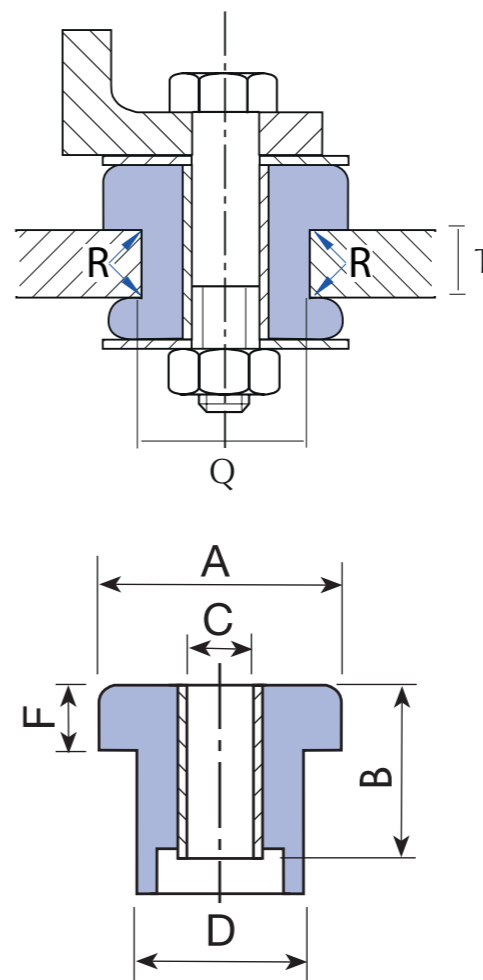
ADVANTAGES

- Easy to install
- Simple and economical product.
- Wide range of loads.

Their failsafe feature makes them very recommendable for mobile applications.



ASSEMBLY

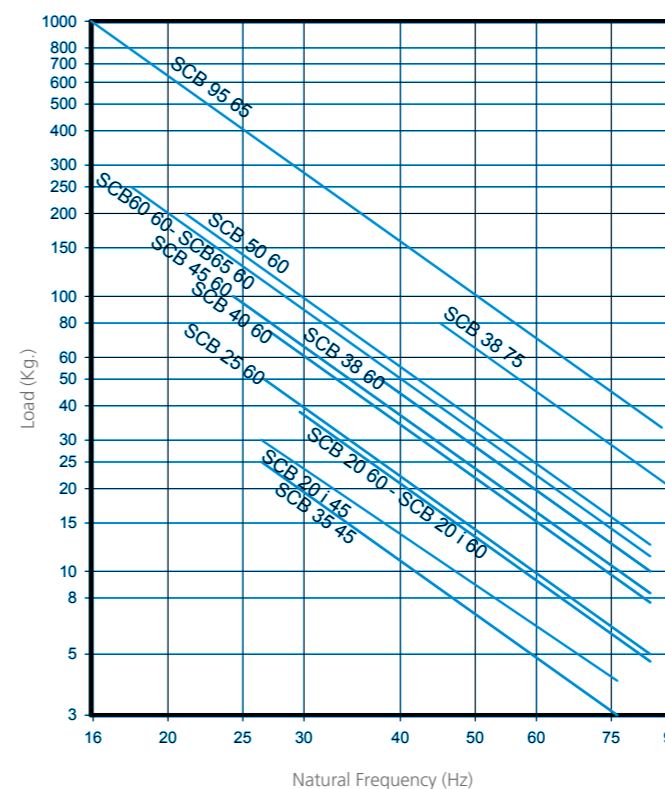


Washers should be used, if the rubber surface is not covered with the contact surface.
Washers upon request.

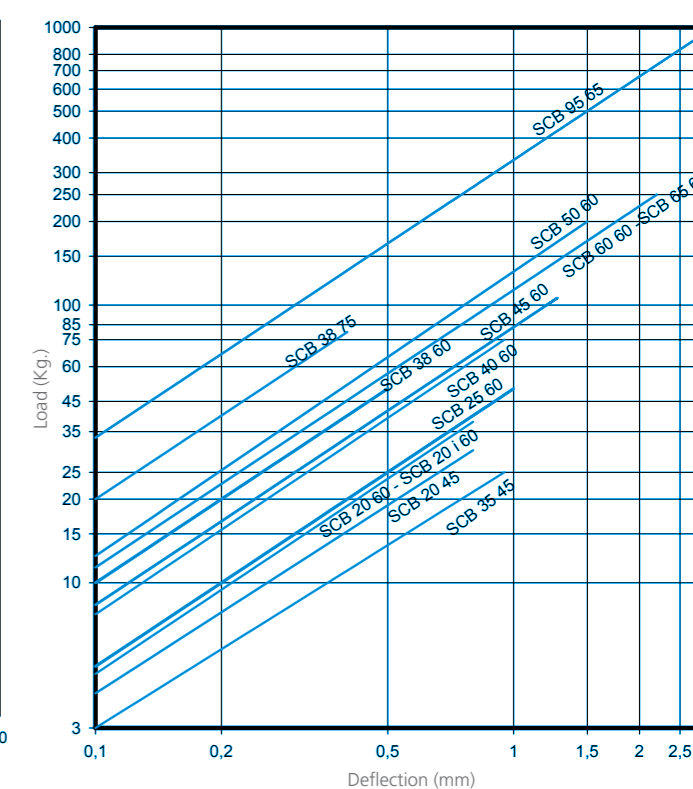
| Type | A (mm) | B (mm) | C (mm) | D (mm) | F (mm) | Q (mm) | T (Max.) | T (Min.) | Weight (gr.) | R (mm) | Code | Load (kg) | Shore |
|---------|--------|--------|--------|--------|--------|--------|----------|----------|--------------|--------|--------|-----------|-------|
| SCB 20 | 27 | 15,5 | 10,25 | 20 | 7 | 19,5 | 5 | 4 | 20 | 1 | 138013 | 30 | 45 Sh |
| | | | | | | | | | | | 138019 | 38 | 60 Sh |
| SCB 20i | 27 | 15,5 | 8 | 20 | 7 | 19,5 | 5 | 4 | 20 | 1 | 138056 | 38 | 60 Sh |
| SCB 25 | 27,5 | 21 | 10 | 20 | 6,5 | 19,5 | 15 | 14 | 20 | 1 | 138001 | 50 | 60 Sh |
| SCB 35 | 27,5 | 12,5 | 8 | 19,4 | 8,5 | 19 | 4 | 3 | 30 | 0,5 | 138012 | 25 | 45 Sh |
| | | | | | | | | | | | 138043 | 50 | 60 Sh |
| | | | | | | | | | | | 138044 | 80 | 75 Sh |
| SCB 38 | 33,5 | 19 | 10,5 | 20,5 | 11 | 20,5 | 5 | 3 | 30 | 0,5 | | | |
| SCB 40 | 35 | 15,5 | 13 | 26,5 | 8 | 26,5 | 5 | 4 | 50 | 1 | 138022 | 75 | 60 Sh |
| SCB 45 | 41,5 | 25,5 | 13,75 | 31 | 10 | 30 | 11 | 10 | 56 | 1,5 | 138002 | 100 | 60 Sh |
| SCB 50 | 49,5 | 35 | 13,5 | 34 | 13,5 | 33 | 17 | 16 | 73 | 1,5 | 138003 | 200 | 60 Sh |
| SCB 60 | 63 | 31,2 | 16,2 | 41 | 17 | 40 | 10 | 9 | 108 | 3 | 138004 | 250 | 60 Sh |
| SCB 65 | 62 | 43,5 | 16,5 | 40 | 17 | 39 | 20 | 19 | 140 | 3 | 138005 | 250 | 60 Sh |
| SCB 95 | 92 | 51,5 | 20,5 | 56 | 26,5 | 54,5 | 20 | 19 | 395 | 3 | 138011 | 1000 | 65 Sh |

| Type | Øext (mm) | Øint (mm) | Thickness (mm) | Code | Weight (kg) |
|----------------|-----------|-----------|----------------|--------|-------------|
| SCB 20 WASHER | 28 | 10,5 | 2 | 606185 | 0,03 |
| SCB 20i WASHER | 28 | 8,5 | 2 | 606124 | 0,03 |
| SCB 25 WASHER | 28 | 8,5 | 2 | 606124 | 0,03 |
| SCB 35 WASHER | 28 | 8,5 | 2 | 606124 | 0,03 |
| SCB 38 WASHER | 38 | 12,5 | 3 | 611065 | 0,04 |
| SCB 40 WASHER | 38 | 12,5 | 3 | 611065 | 0,04 |
| SCB 45 WASHER | 54 | 12,5 | 3 | 611080 | 0,051 |
| SCB 50 WASHER | 54 | 12,5 | 3 | 611080 | 0,051 |
| SCB 60 WASHER | 66 | 16,5 | 5 | 606130 | 0,125 |
| SCB 65 WASHER | 66 | 16,5 | 5 | 606130 | 0,125 |
| SCB 95 WASHER | 95 | 22 | 6 | 608101 | 0,31 |

NATURAL FREQUENCY
AMC MECANOCAUCHO® SCB TYPE



LOAD DEFLECTION GRAPH
AMC MECANOCAUCHO® SCB TYPE



ECCENTRIC BUSHINGS

DESCRIPTION

On the eccentric bushings the center points of the inner and outer cylinders are not the same. As a result it is more flexible in the direction of the main load and it keeps the same control in the other direction.

TECHNICAL CHARACTERISTICS

- Optimal vibration damping and isolation.
- Fit to use for robust and safe constructions.
- Simple installation and application.

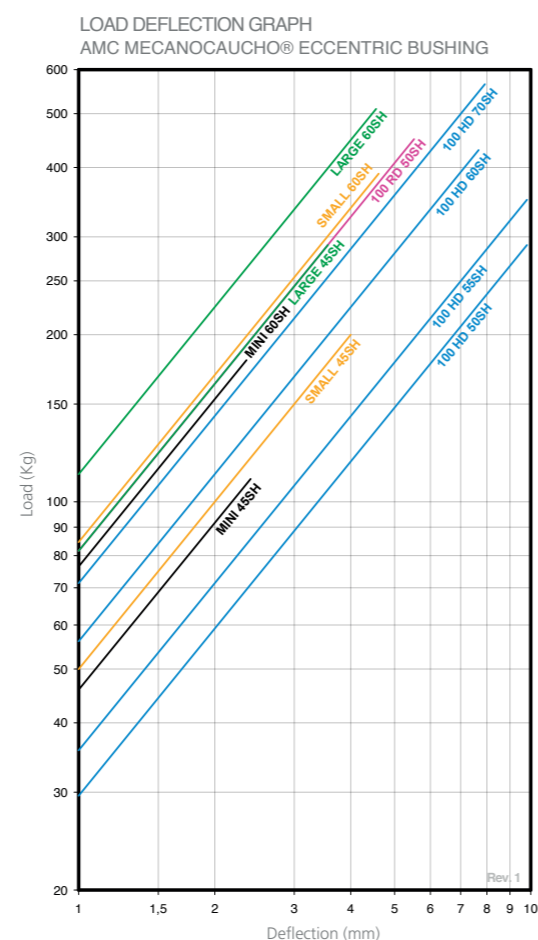
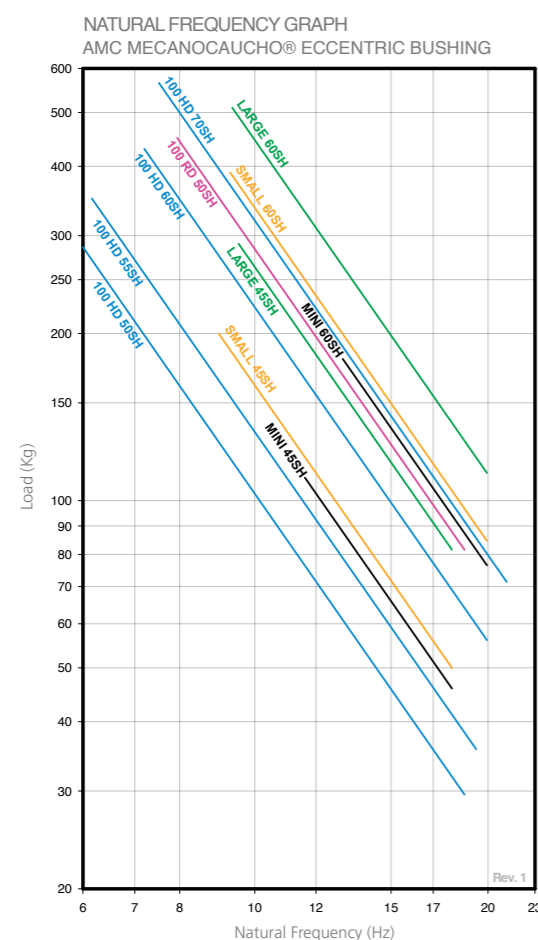
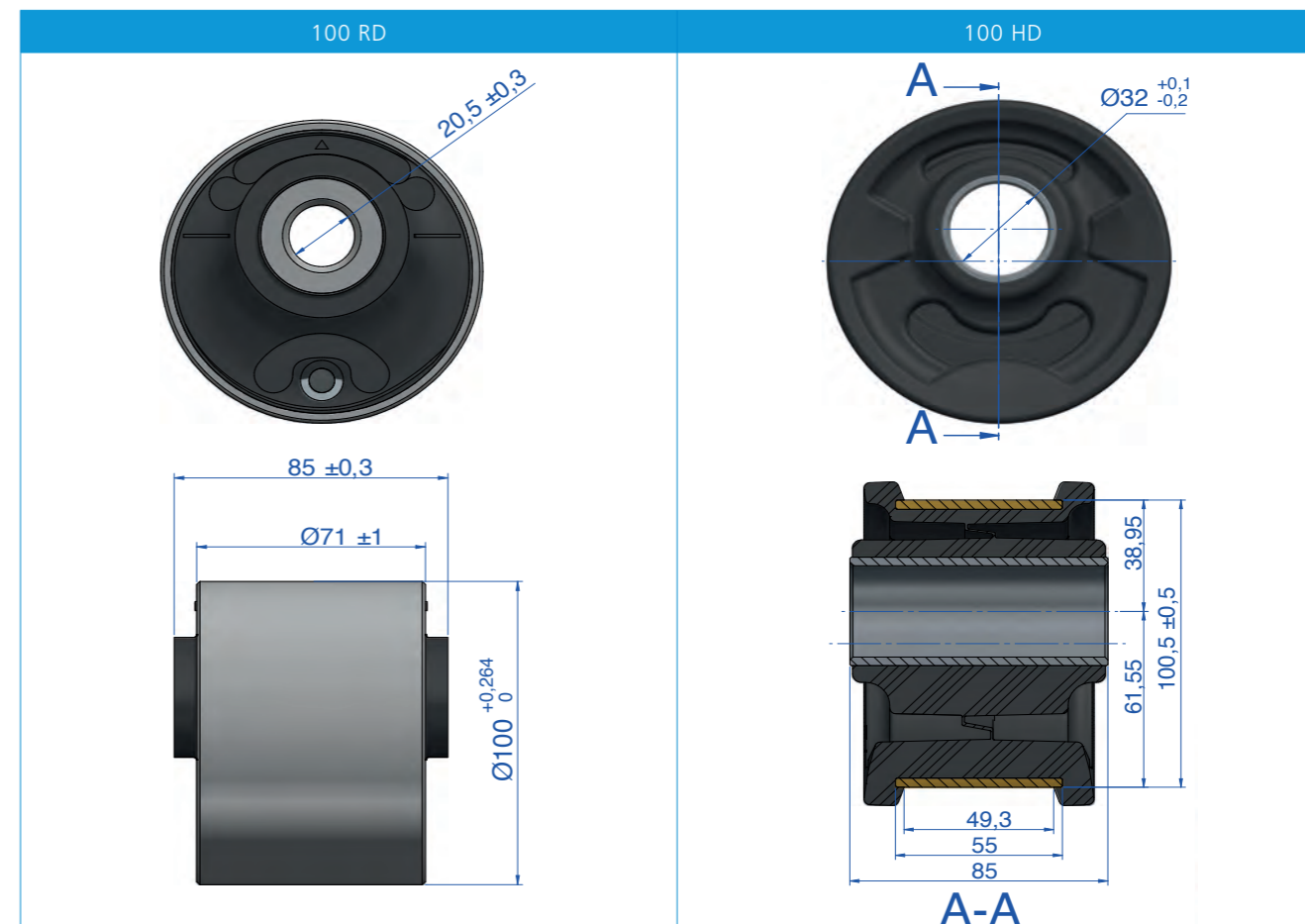
APPLICATION

The eccentric bushing is best suited to the following situations and applications:

- Tilting cab suspension.
- Suspension arms.



| Type | d (mm.) | C (mm.) | D (mm.) | I (mm.) | L (mm.) | Code | Shore | Max. Load (kg) |
|--------|---------|---------|---------|---------|---------|--------|-------|----------------|
| MINI | 16 | 7,1 | 47,6 | 50,8 | 63,5 | 154161 | 45 | 110 |
| | | | | | | 154163 | 60 | 180 |
| | | | | | | 154159 | 45 | 200 |
| SMALL | 24 | 10,5 | 75,3 | 50,8 | 68 | 154158 | 60 | 390 |
| | | | | | | 154154 | 45 | 290 |
| LARGE | 43,7 | 9,5 | 101,6 | 63,5 | 72,4 | 154155 | 60 | 510 |
| | | | | | | 154181 | 50 | 290 |
| 100 HD | | | | | | 154182 | 55 | 350 |
| | | | | | | 154183 | 66 | 430 |
| 100 RD | | | | | | 154175 | 50 | 565 |



DRD

DESCRIPTION

The type DRD mounts have a low axial and radial stiffness rate. Their design makes them ideal for those machines that produce vibrations in the 3 directions. The architecture of these mounts is similar to the DSD, but the rubber section is greater, this feature makes them have a lower stiffness rates than the DSD mounts. These mounts are particularly interesting for those applications where an extra isolation is needed.

OPERATION AND ASSEMBLY

The design of the mount allows an easy installation. The top metal part has an inside thread for securing to the machine, the baseplate has 2/4 holes that allow an easy fixation to the frame. Oil anti-drip hoods can be supplied on demand.

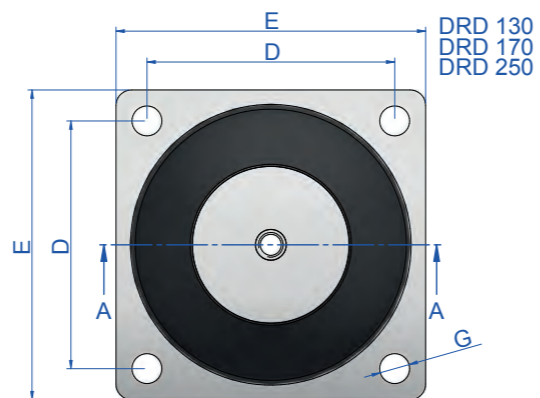
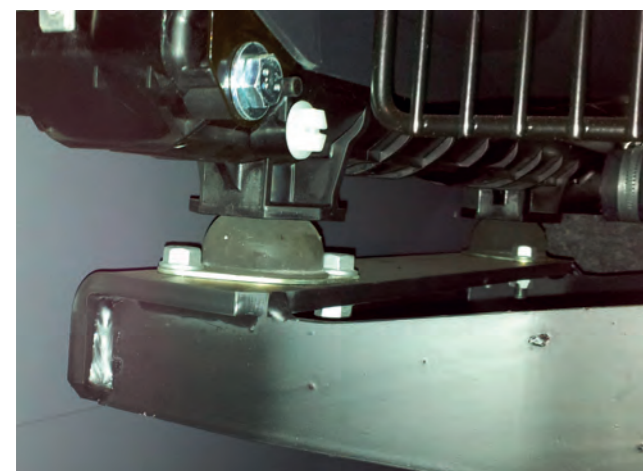
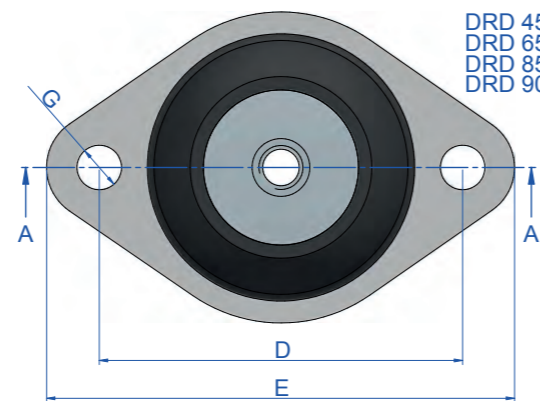
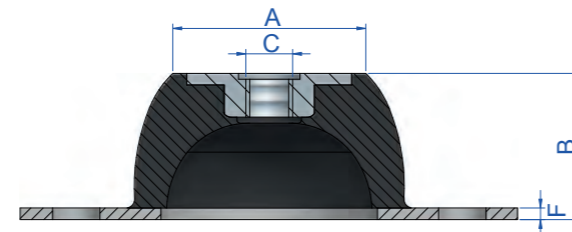
The DRD mounts have the following characteristics.

- The metal parts are protected from corrosion by an electrolytic coating for outdoor work. RoHs compliant.
- We engrave the rubber hardness on the metal parts.

APPLICATIONS

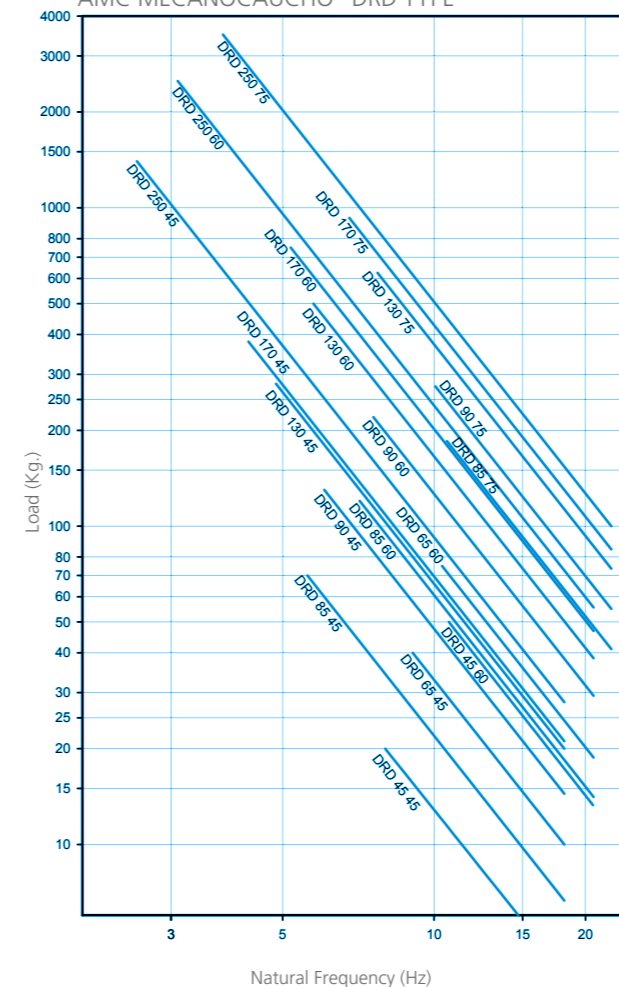
The DRD mounts are ideal for light machines at medium or low excitation frequencies.

- Compressors.
- Air-conditioners.
- Ventilators.
- Vibrating Tables.

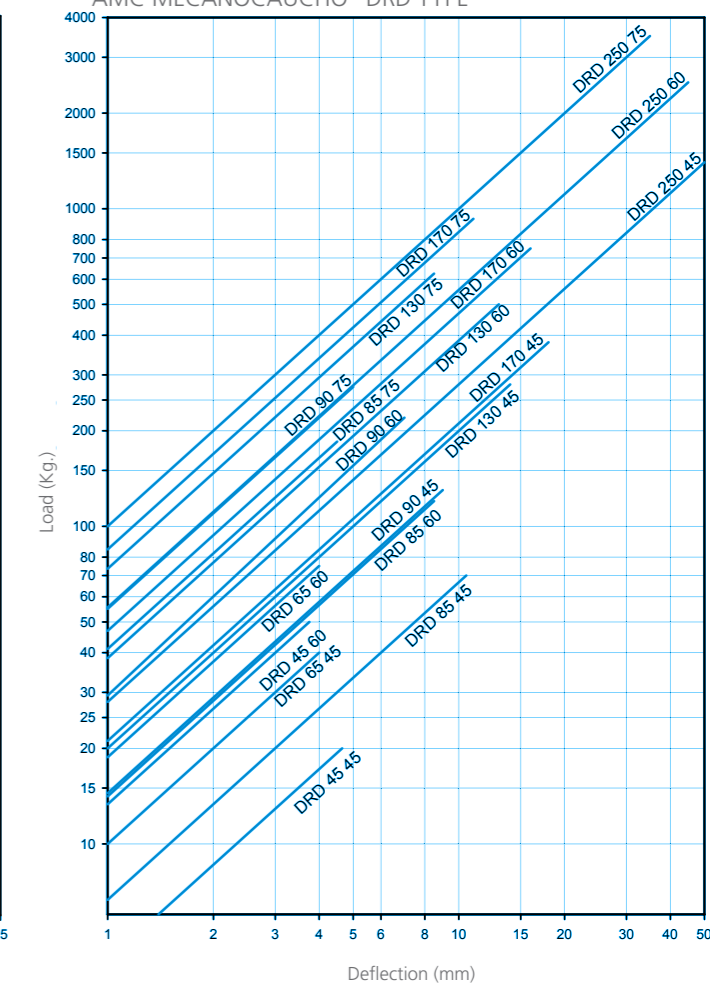


| Type | A (mm) | B (mm) | C (mm) | D (mm) | E (mm) | F (mm) | G (mm) | Weight (gr.) | Code | Load (kg) | Shore |
|---------|--------|--------|--------|--------|--------|--------|--------|--------------|--------|-----------|-------|
| DRD 45 | 33 | 25 | M-8 | 66 | 85 | 2 | 8 | 70 | 175081 | 20 | 45 Sh |
| | | | | | | | | | 175083 | 50 | 60 Sh |
| DRD 65 | 52 | 35 | M-10 | 92 | 114 | 2,5 | 10,5 | 170 | 175001 | 40 | 45 Sh |
| | | | | | | | | | 175002 | 75 | 60 Sh |
| DRD 85 | 52 | 40 | M-10 | 110 | 136 | 3 | 11,5 | 303 | 175003 | 75 | 45 Sh |
| | | | | | | | | | 175004 | 120 | 60 Sh |
| | | | | | | | | | 175013 | 185 | 75 Sh |
| DRD 90 | 57,5 | 45 | M-10 | 125 | 150 | 3 | 12,5 | 430 | 175021 | 130 | 45 Sh |
| | | | | | | | | | 175022 | 220 | 60 Sh |
| | | | | | | | | | 175023 | 275 | 75 Sh |
| DRD 130 | 78 | 63 | M-12 | 120 | 150 | 5 | 14,5 | 1080 | 175031 | 280 | 45 Sh |
| | | | | | | | | | 175032 | 500 | 60 Sh |
| | | | | | | | | | 175033 | 625 | 75 Sh |
| DRD 170 | 100 | 84 | M-16 | 160 | 200 | 4 | 14,5 | 2390 | 175036 | 380 | 45 Sh |
| | | | | | | | | | 175037 | 750 | 60 Sh |
| | | | | | | | | | 175038 | 930 | 75 Sh |
| | | | | | | | | | 175041 | 1400 | 45 Sh |
| DRD 250 | 187 | 158 | M-24 | 250 | 310 | 6 | 18,5 | 10400 | 175042 | 2500 | 60 Sh |
| | | | | | | | | | 175044 | 3150 | 75 Sh |

NATURAL FREQUENCY
AMC MECANOCAUCHO® DRD TYPE



LOAD DEFLECTION GRAPH
AMC MECANOCAUCHO® DRD TYPE



DSD

DESCRIPTION

DSD mounts design provides excellent radial and axial flexibility making them most suitable for the suspension of machines where isolation of both vertical and horizontal vibration components occur.

DSD mounts comprise of two flat metal parts. Top metal part is circular with either a tapped central hole or interior welded nut for attachment to the machine frames. Lower metal part has an oval contour with two machined holes, one at each end, to securely attach the mountings to the support structure for the machine.

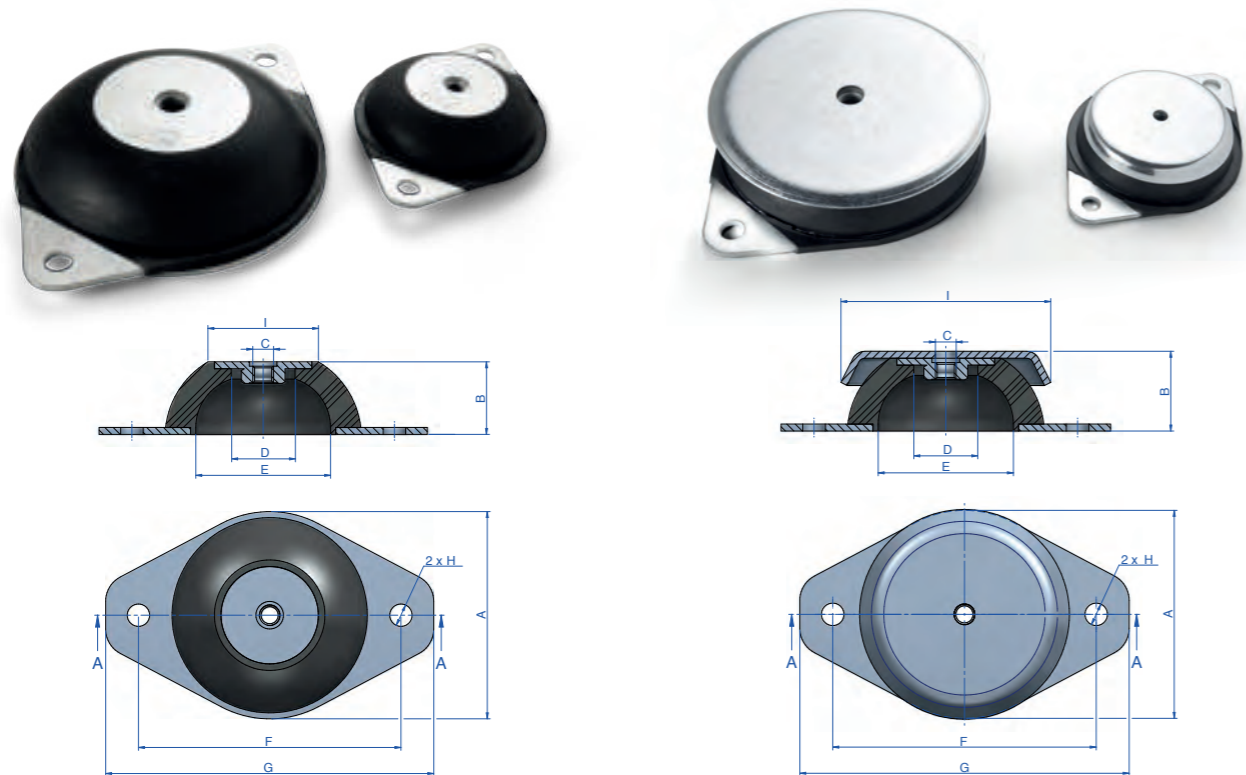
TECHNICAL CHARACTERISTICS

DSD mountings comparable stiffness vertically and horizontal making them very effective against random vibrations in either plane.

APPLICATIONS

DSD mountings are particularly suitable for applications with low to medium dynamic amplitudes which enables the mountings stiffness rates to provide effective isolation.

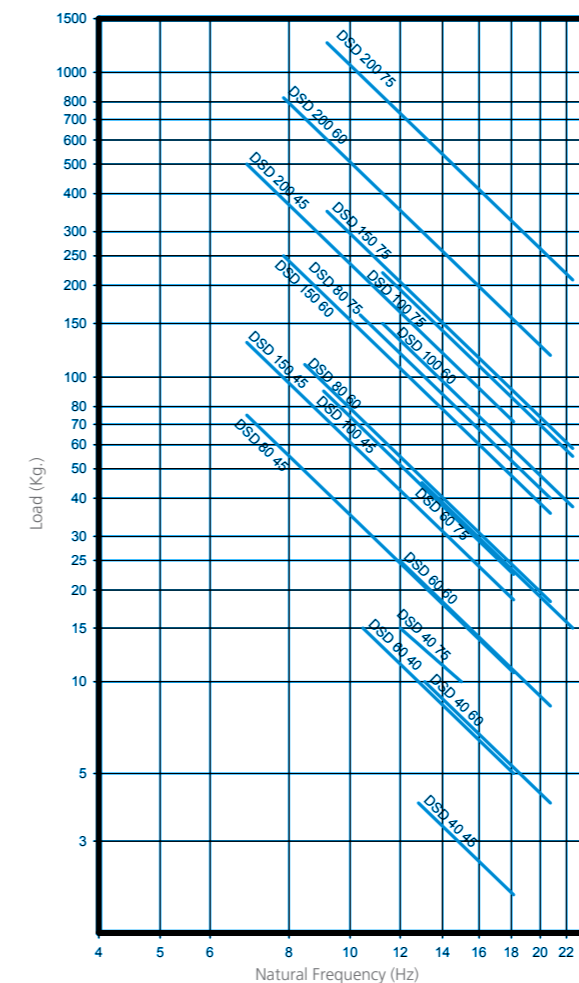
Suitable for HVAC, Ventilators, rotating pumps, torque or frequency converters, electrical engines, etc.



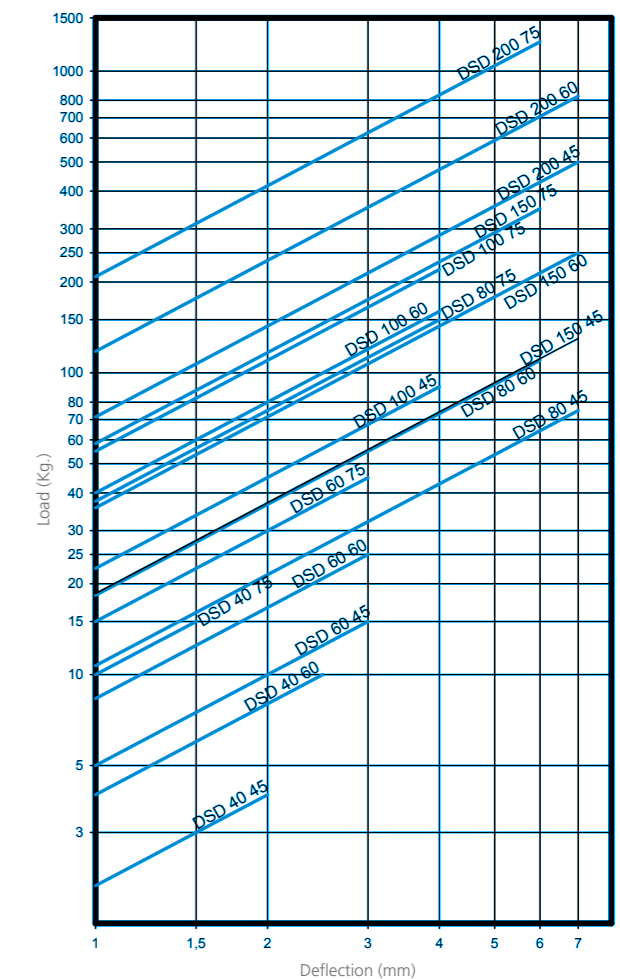
| Type | A (mm) | B (mm) | C (mm) | D (mm) | E (mm) | F (mm) | G (mm) | H (mm) | I (mm) | Weight (gr.) | Code | Load (kg) | Shore |
|----------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------------|--------|-----------|-------|
| DSD 40 + Bell | 43 | 19 | M-6 | 19 | 29 | 52 | 64 | 6,25 | 40 | 48 | 134028 | 4 | 45 Sh |
| | | | | | | | | | | | 134029 | 10 | 60 Sh |
| | | | | | | | | | | | 134030 | 15 | 75 Sh |
| | | | | | | | | | | | 134031 | 15 | 45 Sh |
| | | | | | | | | | | | 134032 | 25 | 60 Sh |
| DSD 60 + Bell | 60 | 23 | M-6 | 14 | 39 | 76 | 95 | 6,5 | 60,5 | 128 | 134033 | 45 | 75 Sh |
| | | | | | | | | | | | 134034 | 75 | 45 Sh |
| | | | | | | | | | | | 134035 | 110 | 60 Sh |
| | | | | | | | | | | | 134036 | 150 | 75 Sh |
| | | | | | | | | | | | 134037 | 90 | 45 Sh |
| DSD 80 + Bell | 86 | 27 | M-8 | 25 | 65 | 100 | 120 | 8,5 | 85 | 232 | 134038 | 160 | 60 Sh |
| | | | | | | | | | | | 134039 | 220 | 75 Sh |
| | | | | | | | | | | | 134040 | 130 | 45 Sh |
| | | | | | | | | | | | 134041 | 250 | 60 Sh |
| | | | | | | | | | | | 134042 | 350 | 75 Sh |
| DSD 100 + Bell | 100 | 28 | M-10 | 22 | 67 | 124 | 149 | 10,5 | 103,5 | 465 | 134043 | 500 | 45 Sh |
| | | | | | | | | | | | 134044 | 825 | 60 Sh |
| | | | | | | | | | | | 134045 | 1250 | 75 Sh |

| Type | A (mm) | B (mm) | C (mm) | D (mm) | E (mm) | F (mm) | G (mm) | H (mm) | I (mm) | Weight (gr.) | Code | Load (kg) | Shore |
|---------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------------|--------|-----------|-------|
| DSD 40 | 43 | 17 | M-6 | 19 | 29 | 52 | 64 | 6,25 | 24,5 | 28 | 134001 | 4 | 45 Sh |
| | | | | | | | | | | | 134002 | 10 | 60 Sh |
| | | | | | | | | | | | 134003 | 15 | 75 Sh |
| | | | | | | | | | | | 134004 | 15 | 45 Sh |
| | | | | | | | | | | | 134005 | 25 | 60 Sh |
| DSD 60 | 60 | 21 | M-6 | 14 | 39 | 76 | 95 | 6,5 | 32 | 73 | 134006 | 45 | 75 Sh |
| | | | | | | | | | | | 134007 | 75 | 45 Sh |
| | | | | | | | | | | | 134008 | 110 | 60 Sh |
| | | | | | | | | | | | 134009 | 150 | 75 Sh |
| | | | | | | | | | | | 134010 | 90 | 45 Sh |
| DSD 80 | 86 | 25 | M-8 | 25 | 65 | 100 | 120 | 8,5 | 51 | 130 | 134011 | 160 | 60 Sh |
| | | | | | | | | | | | 134012 | 220 | 75 Sh |
| | | | | | | | | | | | 134013 | 130 | 45 Sh |
| | | | | | | | | | | | 134014 | 250 | 60 Sh |
| | | | | | | | | | | | 134015 | 350 | 75 Sh |
| DSD 100 | 100 | 25 | M-10 | 22 | 67 | 124 | 149 | 10,5 | 54 | 262 | 134016 | 500 | 45 Sh |
| | | | | | | | | | | | 134017 | 825 | 60 Sh |
| | | | | | | | | | | | 134018 | 1250 | 75 Sh |

NATURAL FREQUENCY
AMC MECANOCAUCHO® DSD TYPE



LOAD DEFLECTION GRAPH
AMC MECANOCAUCHO® DSD TYPE



AT

DESCRIPTION

AT mounts are specifically designed to provide isolation for medium to high frequency applications.

The rubber section is fully bonded to two concentric tubular parts. The inner metal is a plain tube design. The outer metal part is also mainly tubular but has a manufacturing process Flanged effect at one end with a variation in the number of attachment holes.

TECHNICAL CHARACTERISTICS

Type AT mounts have a radial to axial ratio of 4:1, thus providing good horizontal stability.

It is manufactured in three hardnesses to facilitate the choice of the most suitable mount (Soft: hardness A 45, Medium sized: hardness B 60 and Hard: hardness C 75).

APPLICATIONS

The AT elastic mounts can be used to great advantage for the vibration isolation of engines, piston compressors, presses, electric transformers, mobile units, machines, on concrete buttresses, etc.



Fig. 1

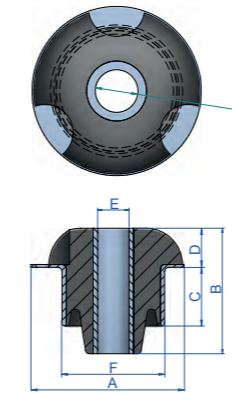


Fig. 2

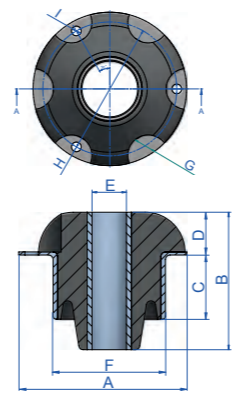


Fig. 3

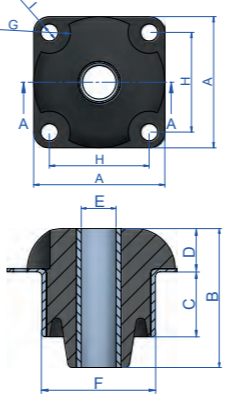
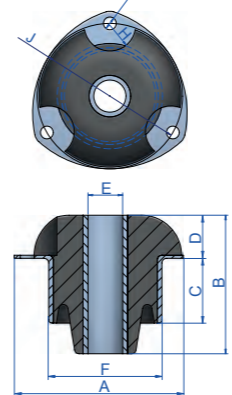


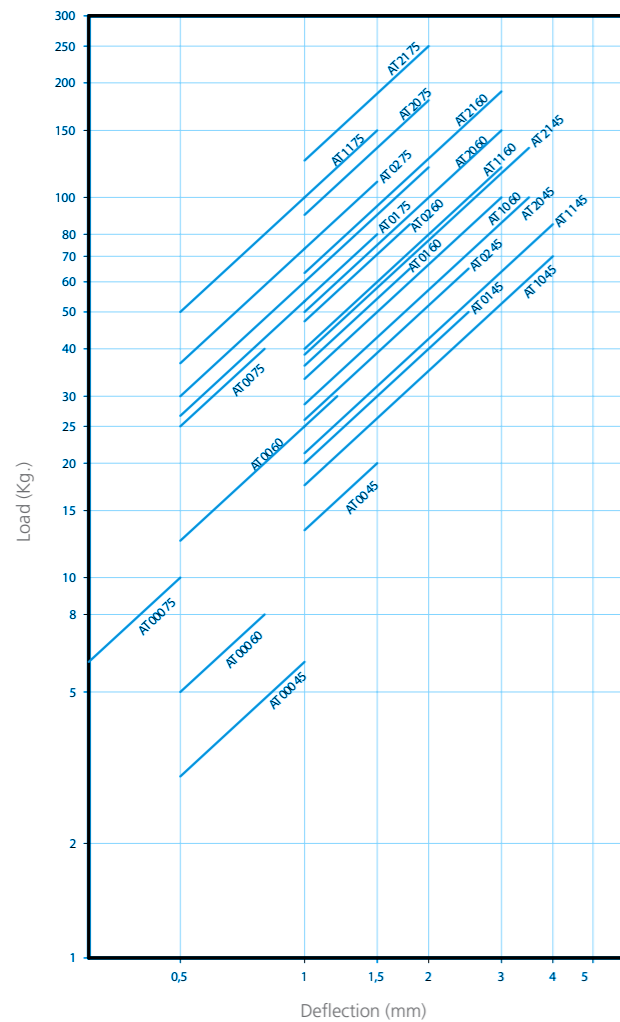
Fig. 4



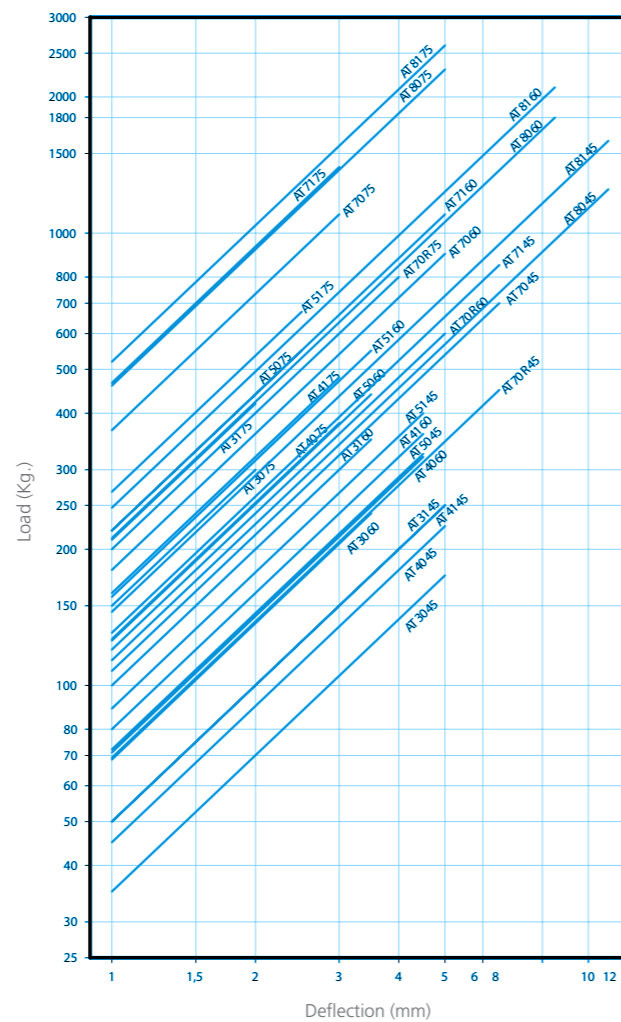
| Type | A (mm.) | B (mm.) | C (mm.) | D (mm.) | E (mm.) | F (mm.) | G (mm.) | H (mm.) | I (mm.) | J (mm.) | Weight (gr.) | Fig. | Code | Load (kg) | Shore |
|--------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|--------------|------|--------|-----------|-------|
| AT 000 | 25 | 11 | 3 | 6,5 | 6,4 | 20 | 4 | 19 | 3,2 | | 8 | 3 | 132171 | 6 | 45 Sh |
| | | | | | | | | | | | | | 132172 | 8 | 60 Sh |
| | | | | | | | | | | | | | 132173 | 10 | 75 Sh |
| AT 00 | 36 | 28 | 12,5 | 11,5 | 8,2 | 26 | 12 | 26 | 5,2 | | 39 | 3 | 132101 | 20 | 45 Sh |
| | | | | | | | | | | | | | 132102 | 30 | 60 Sh |
| | | | | | | | | | | | | | 132103 | 40 | 75 Sh |
| AT 02 | 48 | 51 | 24 | 18 | 12,1 | 37,6 | 8 | - | - | | 144 | 1 | 132104 | 65 | 45 Sh |
| | | | | | | | | | | | | | 132105 | 85 | 60 Sh |
| | | | | | | | | | | | | | 132106 | 110 | 75 Sh |
| AT 10 | 60 | 47 | 18 | 19 | 12,2 | 49 | 11 | 69 | 8,2 | 73 | 250 | 4 | 132175 | 70 | 45 Sh |
| | | | | | | | | | | | | | 132176 | 100 | 60 Sh |
| | | | | | | | | | | | | | 132177 | 120 | 75 Sh |
| AT 11 | 60 | 60 | 30,5 | 19 | 12,2 | 49 | 11 | 69 | 8,2 | 73 | 250 | 4 | 132107 | 85 | 45 Sh |
| | | | | | | | | | | | | | 132108 | 120 | 60 Sh |
| | | | | | | | | | | | | | 132109 | 150 | 75 Sh |
| AT 20 | 71 | 55 | 27,5 | 19 | 18,3 | 55,7 | 10 | - | - | | 344 | 1 | 132110 | 100 | 45 Sh |
| | | | | | | | | | | | | | 132111 | 150 | 60 Sh |
| | | | | | | | | | | | | | 132112 | 180 | 75 Sh |
| AT 21 round | 70 | 70 | 38,5 | 20,7 | 18,3 | 55,7 | 10 | 80 | 8,5 | 86 | 437 | 1 | 132113 | 135 | 45 Sh |
| | | | | | | | | | | | | | 132114 | 190 | 60 Sh |
| | | | | | | | | | | | | | 132115 | 250 | 75 Sh |
| AT 21 lugs | 70 | 70 | 38,5 | 20,7 | 18,3 | 55,7 | 10 | 80 | 8,5 | 86 | 437 | 4 | 132116 | 135 | 45 Sh |
| | | | | | | | | | | | | | 132117 | 190 | 60 Sh |
| | | | | | | | | | | | | | 132118 | 250 | 75 Sh |
| AT 31 lugs | 90 | 95 | 47 | 28 | 20,2 | 65 | 16 | 95 | 8,5 | 107 | 780 | 4 | 132136 | 250 | 45 Sh |
| | | | | | | | | | | | | | 132137 | 350 | 60 Sh |
| | | | | | | | | | | | | | 132138 | 420 | 75 Sh |
| AT 40 round | 100 | 90 | 42 | 28 | 22,2 | 74 | 18 | 100 | 8,5 | 112 | 789 | 1 | 132139 | 225 | 45 Sh |
| | | | | | | | | | | | | | 132140 | 320 | 60 Sh |
| | | | | | | | | | | | | | 132141 | 380 | 75 Sh |
| AT 40 lugs | 100 | 90 | 42 | 28 | 22,2 | 74 | 18 | 100 | 8,5 | 112 | 780 | 4 | 132142 | 225 | 45 Sh |
| | | | | | | | | | | | | | 132143 | 320 | 60 Sh |
| | | | | | | | | | | | | | 132144 | 380 | 75 Sh |
| AT 41 round | 100 | 110 | 49 | 28 | 22,2 | 74 | 18 | 100 | 8,5 | 112 | 895 | 1 | 132145 | 250 | 45 Sh |
| | | | | | | | | | | | | | 132146 | 360 | 60 Sh |
| | | | | | | | | | | | | | 132147 | 480 | 75 Sh |
| AT 41 lugs | 100 | 110 | 49 | 28 | 22,2 | 74 | 18 | 100 | 8,5 | 112 | 900 | 4 | 132148 | 250 | 45 Sh |
| | | | | | | | | | | | | | 132149 | 360 | 60 Sh |
| | | | | | | | | | | | | | 132161 | 480 | 75 Sh |
| AT 70 réduit | 163,5 | 97 | 36 | 43,5 | 60,2 | 118 | 22 | 145 | 10,5 | | 3124 | 2 | 132162 | 450 | 45 Sh |
| | | | | | | | | | | | | | 132163 | 600 | 60 Sh |
| | | | | | | | | | | | | | 132164 | 800 | 75 Sh |
| AT 70 | 163,5 | 140 | 66 | 46 | 60,2 | 118 | 22 | 145 | 10,5 | | 3124 | 2 | 132165 | 700 | 45 Sh |
| | | | | | | | | | | | | | 132166 | 900 | 60 Sh |
| | | | | | | | | | | | | | 132167 | 1100 | 75 Sh |
| AT 71 | 163,5 | 170 | 96 | 46 | 60,2 | 118 | 22 | 145 | 10,5 | | 3790 | 2 | 132168 | 850 | 45 Sh |
| | | | | | | | | | | | | | 132169 | 1100 | 60 Sh |
| | | | | | | | | | | | | | 132170 | 1400 | 75 Sh |



NATURAL FREQUENCY AT 000-21 TYPE



LOAD DEFLECTION GRAPH AT 30-81 TYPE



ATP

DESCRIPTION

ATP type mounts have been designed to provide effective vibration isolation of medium to high frequency applications in a variety of industrial machinery, gensets, motor pumps, motor compressors, hydraulic units, etc.

The top metal part is cup shaped to protect the rubber section from contamination by oil, grease, petrol, diesel, dust, etc.

TECHNICAL CHARACTERISTICS

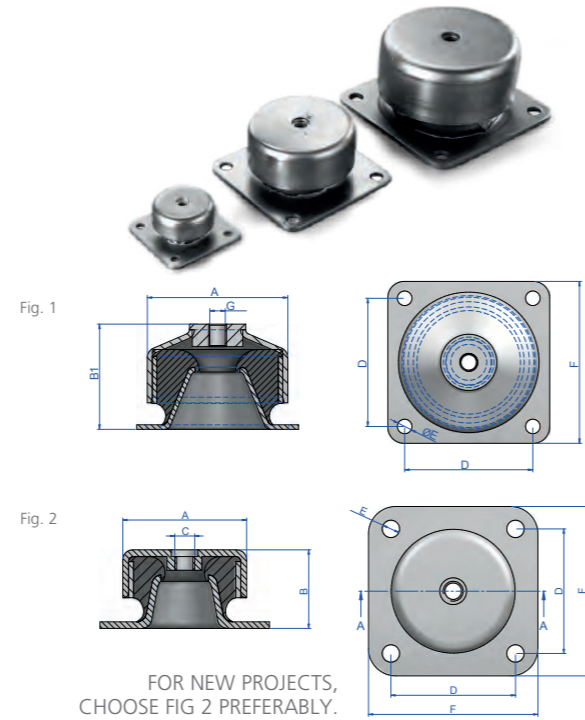
The compound used is based on a standard natural rubber specifically designed to have good ageing properties.

Load capacities shown in catalogue are the maximum Static values with the capability of withstanding occasional extreme dynamic overloads.

ATP mounts have stiffness values 4 times greater in the radial plane than the axial plane, providing effective resistance to transient lateral shock loads.

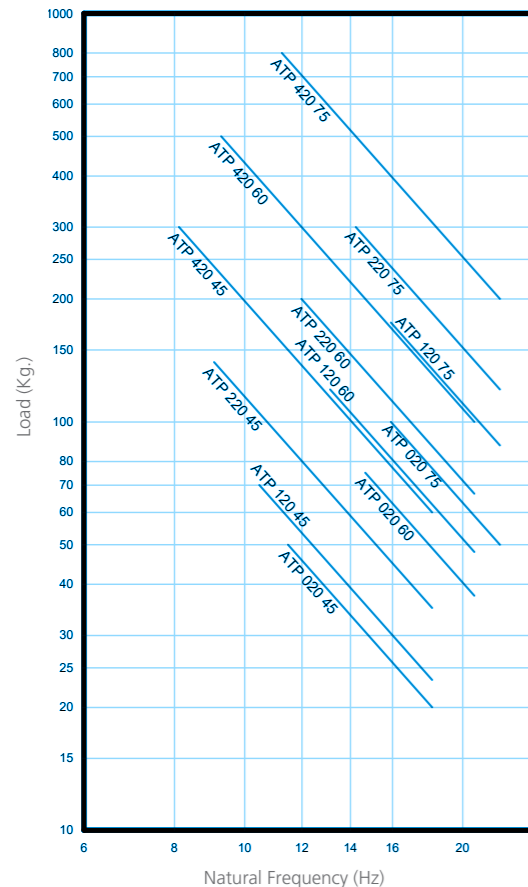
APPLICATIONS

Suspension systems where it is deemed necessary to control any Pitching or Rolling movement which could strain external connections. • Medium and high frequency motor compressor units. • Gen sets. • Hydraulic Units. • Marine auxiliary units. • Ventilators, etc.

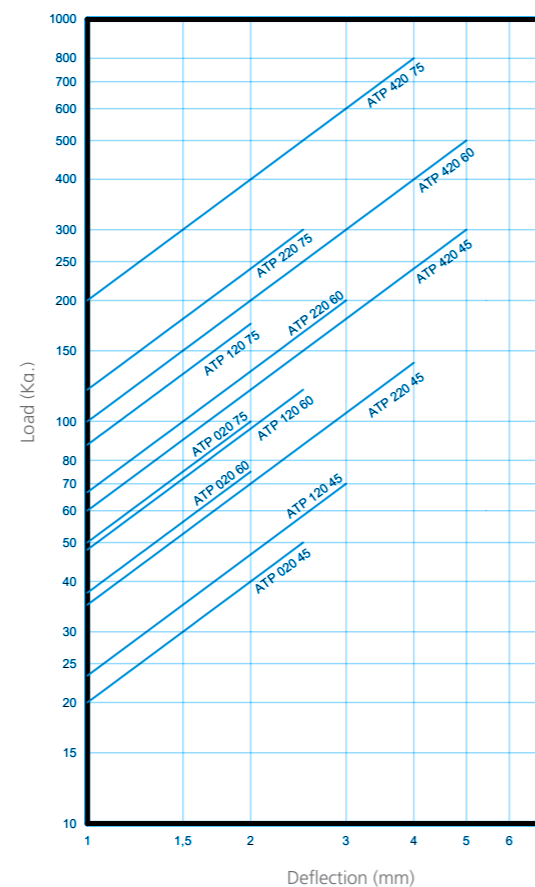


| Type | A (mm) | B (mm) | C (mm) | D (mm) | E (mm) | F (mm) | G (mm) | Weight (gr.) | B1 | Code | Load (kg) | Shore | Fig. |
|---------|--------|--------|--------|--------|--------|--------|--------|--------------|----|--------|-----------|-------|------|
| ATP 020 | 49,7 | 31,5 | M-8 | 50 | 7 | 68 | 16 | 143 | - | 133101 | 50 | 45 Sh | 2 |
| | | | | | | | | | | 133102 | 75 | 60 Sh | 2 |
| | | | | | | | | | | 133103 | 100 | 75 Sh | 2 |
| | | | | | | | | | | 133104 | 70 | 45 Sh | 2 |
| | | | | | | | | | | 133105 | 120 | 60 Sh | 2 |
| ATP 120 | 73,6 | 43 | M-10 | 72,2 | 9,2 | 90 | 32 | 379 | 53 | 133106 | 175 | 75 Sh | 2 |
| | | | | | | | | | | 133151 | 70 | 45 Sh | 1 |
| | | | | | | | | | | 133152 | 120 | 60 Sh | 1 |
| | | | | | | | | | | 133153 | 175 | 75 Sh | 1 |
| | | | | | | | | | | 133107 | 140 | 45 Sh | 2 |
| ATP 220 | 91 | 53 | M-12 | 90 | 11 | 114,2 | 36 | 618 | 63 | 133108 | 200 | 60 Sh | 2 |
| | | | | | | | | | | 133109 | 300 | 75 Sh | 2 |
| | | | | | | | | | | 133154 | 140 | 45 Sh | 1 |
| | | | | | | | | | | 133155 | 200 | 60 Sh | 1 |
| | | | | | | | | | | 133156 | 300 | 75 Sh | 1 |
| ATP 420 | 124,5 | 75 | M-16 | 114 | 13 | 144 | 60 | 1510 | 94 | 133110 | 300 | 45 Sh | 2 |
| | | | | | | | | | | 133111 | 500 | 60 Sh | 2 |
| | | | | | | | | | | 133112 | 800 | 75 Sh | 2 |
| | | | | | | | | | | 133157 | 300 | 45 Sh | 1 |
| | | | | | | | | | | 133158 | 500 | 60 Sh | 1 |
| | | | | | | | | | | 133159 | 800 | 75 Sh | 1 |

NATURAL FREQUENCY
AMC MECANOCAUCHO® ATP TYPE



LOAD DEFLECTION GRAPH
AMC MECANOCAUCHO® ATP TYPE



SPS

DESCRIPTION

SPS type mounts are comprised of two pressed metal parts. A cup shaped Top Cap and a pressed steel inverted cup shaped base, two moulded rubber sections are assembled to the metal parts and secured by means of a swaged centre insert which is threaded.

TECHNICAL CHARACTERISTICS

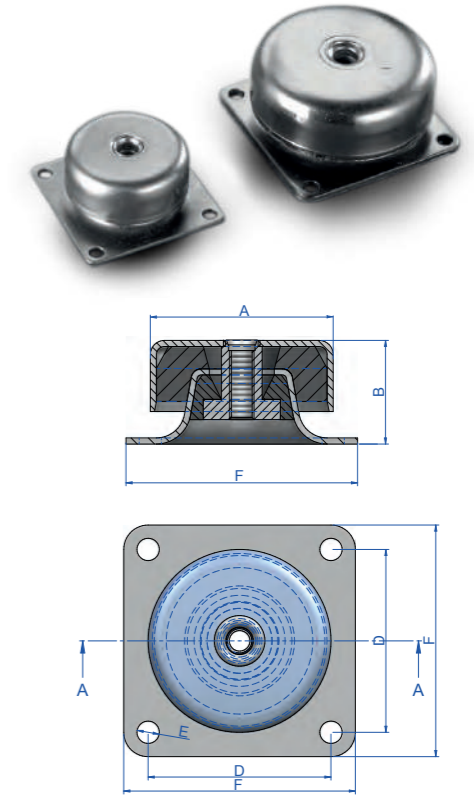
Due to the design, SPS mounts can work with compression and tensile loads, isolating effectively using the friction of the rubber section with the surfaces of the assembled metal parts. It is most effective in applications where high frequency vibrations are predominant.

Various rubber compounds are available for insertion depending upon the applications to be considered, high temperatures, oil and diesel resistance, and ageing resistance against Ozone attack.

APPLICATIONS

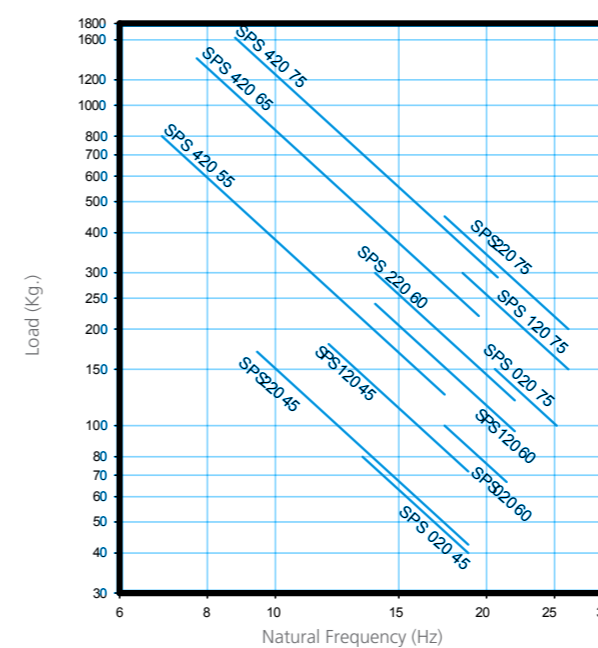
With a captive rubber unit the SPS mounts afford total safety in Mobile applications. They are compact in design for the range of loads to be supported and can be manufactured in Stainless Steel metal parts as an option for Food Industry applications, and coupled with appropriate compounds for the environments involved.

Applications range from high speed operation equipment such as Refrigeration units, Compressors, Transformers, HVAC units on trains or coaches.

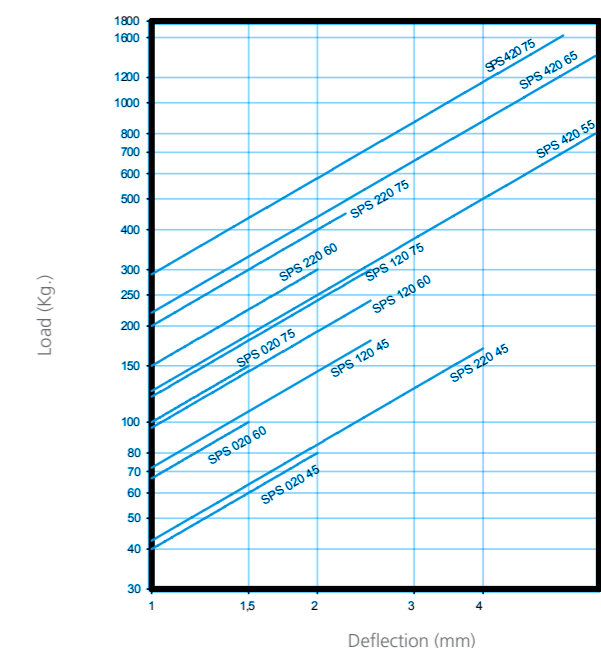


| Type | A (mm) | B (mm) | C (mm) | D (mm) | E (mm) | F (mm) | G (mm) | Weight (gr.) | Code | Load (kg) | Shore |
|---------|--------|--------|--------|--------|--------|--------|--------|--------------|--------|-----------|-------|
| SPS 020 | 50 | 28 | M-8 | 50 | 6 | 60 | 1,5 | 171 | 140001 | 80 | 45 Sh |
| | | | | | | | | | 140003 | 100 | 60 Sh |
| | | | | | | | | | 140005 | 150 | 75 Sh |
| SPS 120 | 76 | 39 | M-10 | 63,5 | 6,7 | 76 | 3 | 524 | 140002 | 180 | 45 Sh |
| | | | | | | | | | 140004 | 240 | 60 Sh |
| | | | | | | | | | 140006 | 300 | 75 Sh |
| SPS 220 | 90 | 51 | M-12 | 90 | 11 | 114 | 3 | 971 | 140007 | 170 | 45 Sh |
| | | | | | | | | | 140008 | 300 | 60 Sh |
| | | | | | | | | | 140009 | 450 | 75 Sh |
| SPS 420 | 125 | 78 | M-16 | 114 | 13 | 144 | 4 | 2424 | 140034 | 800 | 55 Sh |
| | | | | | | | | | 140035 | 1400 | 65 Sh |
| | | | | | | | | | 140033 | 1625 | 75 Sh |

AMC NATURAL FREQUENCY
MECANOCAUCHO® SPS TYPE



AMC LOAD DEFLECTION GRAPH
MECANOCAUCHO® SPS TYPE



VD

DESCRIPTION

The mount works the elastomer at shear-compression. It is comprised of 2 metal parts which allow it to be installed with its two built-in screws.

TECHNICAL CHARACTERISTICS

The type VD is a vee shaped mount providing high deflections for relatively low loads. This means that the natural frequency is low and ideal for engines which normally run at idle speed.

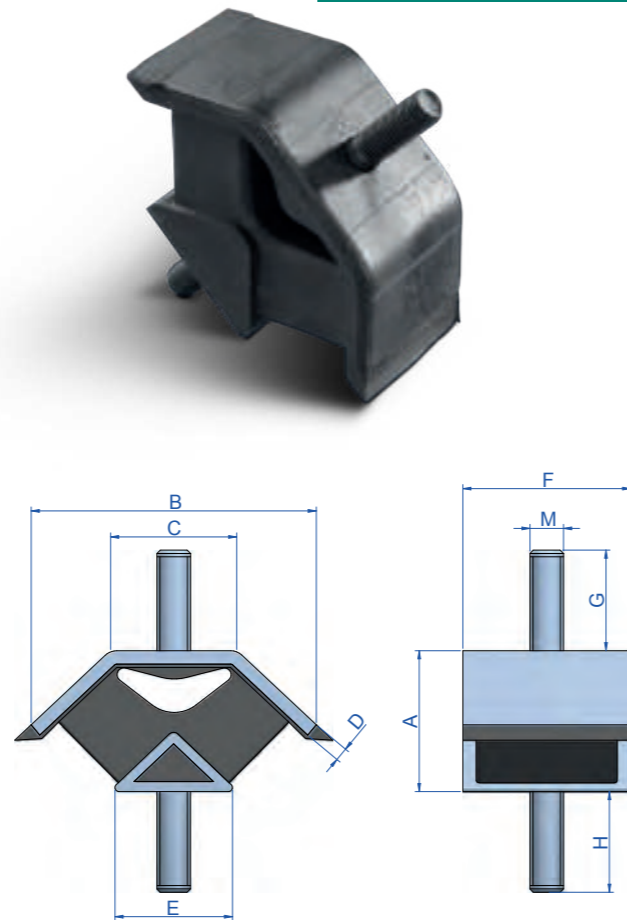
It has three different stiffness rates X,Y,Z which permits adjustments of system modes for optimal isolation and stability.

They can be installed at specific angles providing further adjustment to the systems characteristics. For this purposes, please contact our technical department.

APPLICATIONS

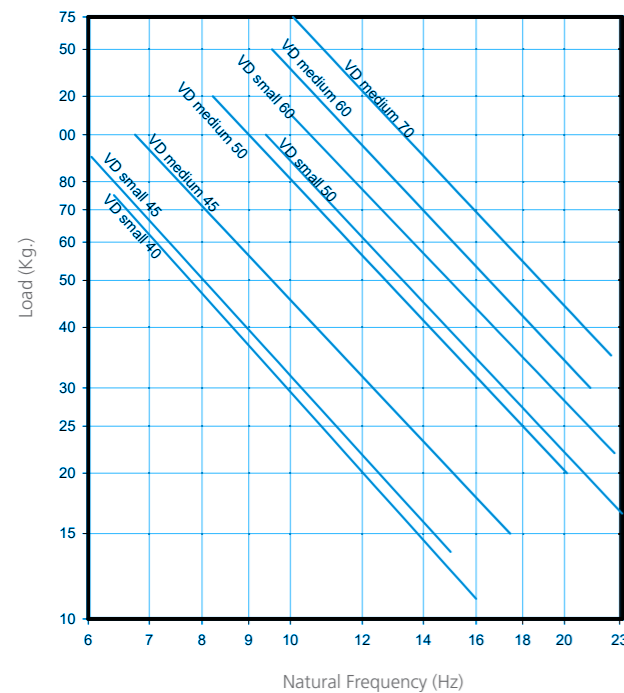
It is used in applications where the load of the suspended unit is low and the level of vibration isolation must be high, such as:

- Small vehicles.
- Small and medium sized gen sets.
- Construction equipment machinery.

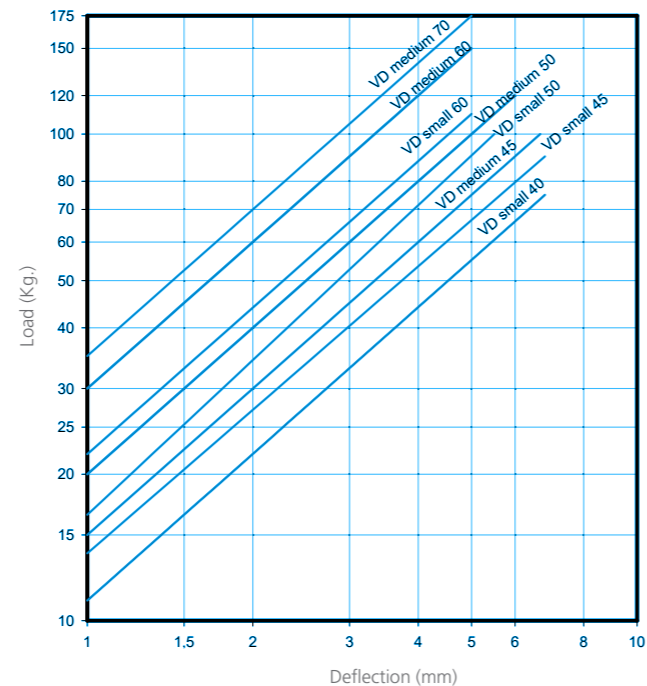


| Type | A (mm) | B (mm) | C (mm) | D (mm) | E (mm) | F (mm) | G (mm) | H (mm) | M | Weight (gr.) | Code | Load (kg) |
|--------------|--------|--------|--------|--------|--------|--------|--------|--------|------|--------------|--------|-----------|
| Small 40 | 41 | 95 | 39 | 4 | 35 | 50 | 23 | 25 | M-10 | 330 | 148121 | 75 |
| Small 45 M12 | 41 | 95 | 39 | 4 | 35 | 50 | 30 | 30 | M-12 | 350 | 148132 | 90 |
| Small 50 | 41 | 95 | 39 | 4 | 35 | 50 | 23 | 25 | M-10 | 330 | 148123 | 100 |
| Small 60 | 41 | 95 | 39 | 4 | 35 | 50 | 23 | 25 | M-10 | 330 | 148125 | 110 |
| Small 60 M12 | 41 | 95 | 39 | 4 | 35 | 50 | 30 | 31 | M-12 | 350 | 148133 | 110 |
| Medium 45 | 64 | 130 | 60 | 6 | 52 | 60 | 34 | 36 | M-12 | 805 | 148101 | 100 |
| Medium 50 | 64 | 130 | 60 | 6 | 52 | 60 | 34 | 36 | M-12 | 805 | 148102 | 100 |
| Medium 60 | 64 | 130 | 60 | 6 | 52 | 60 | 34 | 36 | M-12 | 805 | 148104 | 150 |
| Medium 70 | 64 | 130 | 60 | 6 | 52 | 60 | 34 | 36 | M-12 | 805 | 148105 | 175 |

AMC NATURAL FREQUENCY
VD TYPE MECANOCAUCHO®



AMC LOAD DEFLECTION GRAPH
VD TYPE MECANOCAUCHO®



ANTI-VIBRATION MOUNTS

V-SHAPED MARINE TYPE

DESCRIPTION

The V-shaped marine mount works the rubber section in shear-compression. It is comprised of 2 metal parts which permit its installation by means of a screw at the top and two holes for securing it to the chassis.

TECHNICAL CHARACTERISTICS

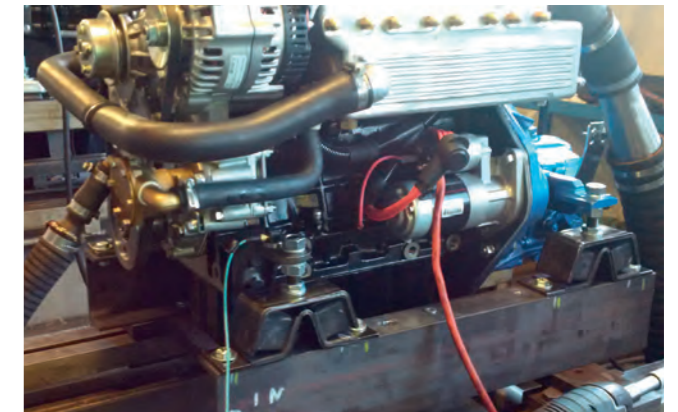
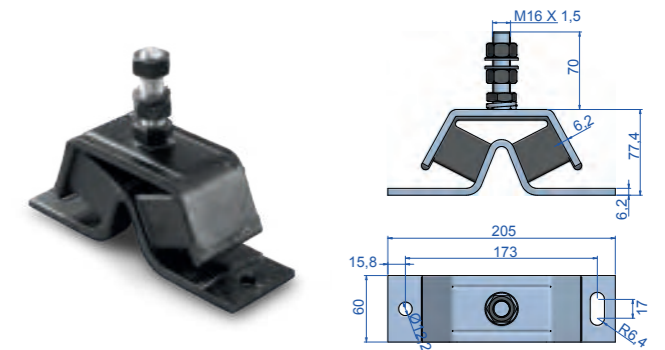
The V-shaped marine mount has a V-shaped design providing high deflections for relatively low loads. This means that the natural frequency is low and ideal for engines which normally work at idle speed.

It has three different stiffness rates X,Y,Z which permits adjustments of system modes for optimal isolation and stability.

APPLICATIONS

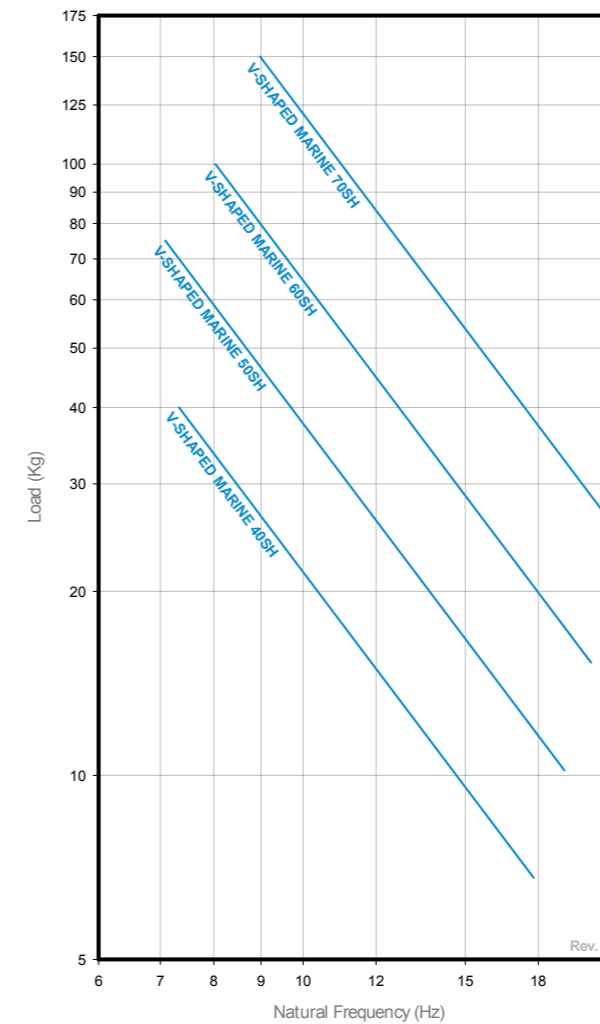
It is used in applications where the load of the suspended unit is low, and where high deflection is required to reach high vibration isolation levels.

Small vehicle or machines, small and medium sized gensets, marine engines,...

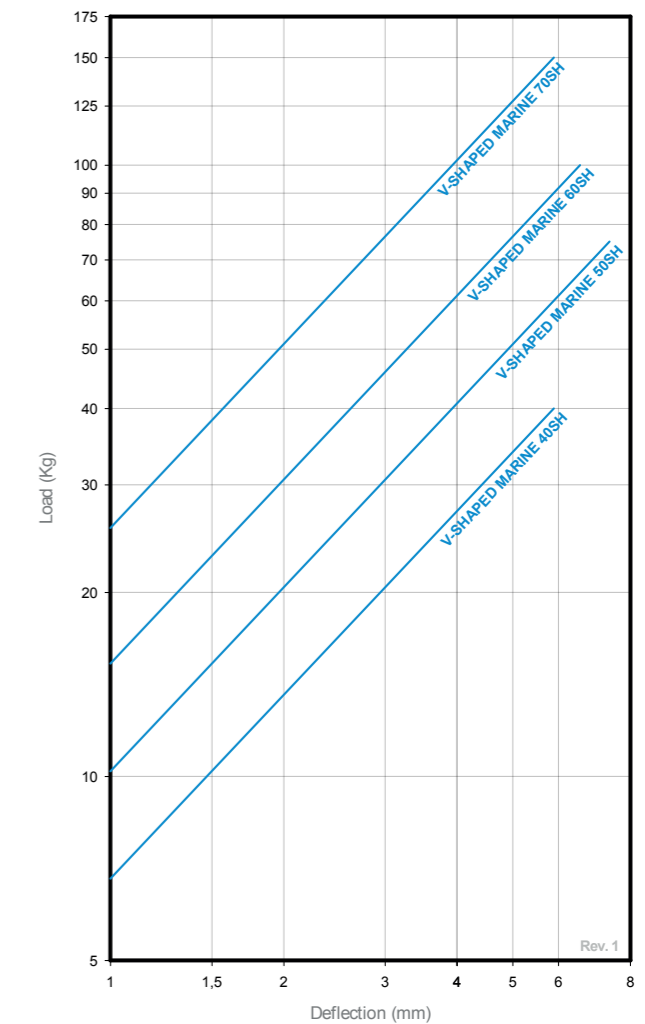


| Type | Weight (gr.) | Code | Load (kg) | Shore |
|-----------------|--------------|--------|-----------|-------|
| V-shaped marine | 1720 | 148001 | 40 | 40 Sh |
| | | 148003 | 75 | 50 Sh |
| | | 148004 | 100 | 60 Sh |
| | | 148006 | 150 | 70 Sh |

NATURAL FREQUENCY
V-SHAPED MARINE MOUNT



LOAD DEFLECTION GRAPH
V-SHAPED MARINE MOUNT



V-SHAPED GENERATOR MOUNT

DESCRIPTION

The V-shaped Generator supports are comprised of two symmetrically-tilted metal parts with a screw on each side.

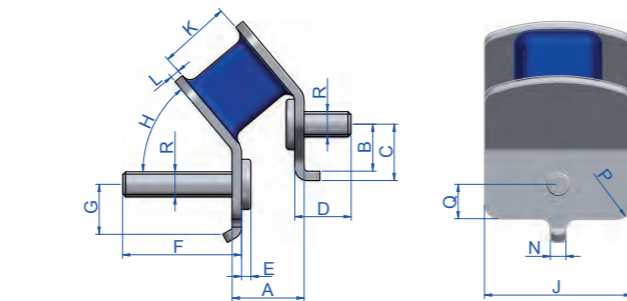
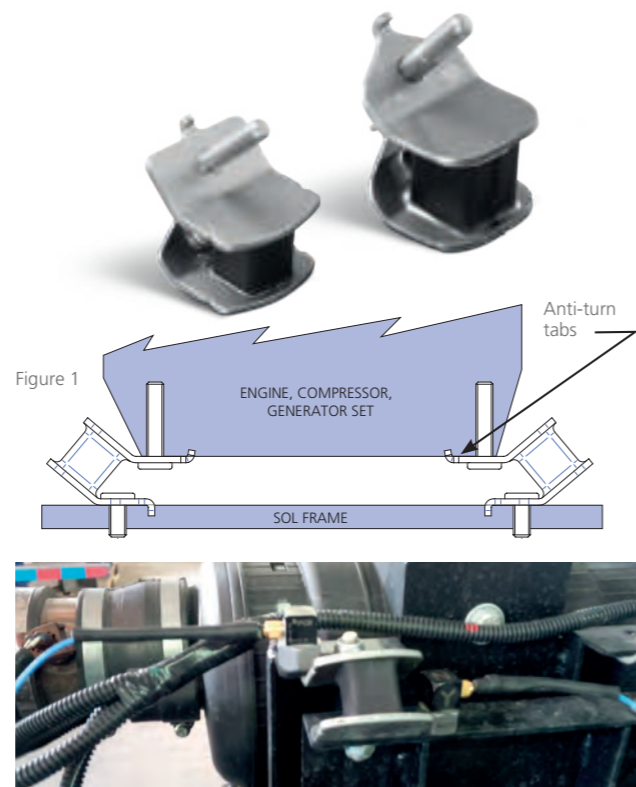
TECHNICAL CHARACTERISTICS

The V-shaped generator mounts render it possible to make installations which are more elastic than the ones usually made with cylindrical or bobbing mounts. This makes it possible to achieve lower frequencies and consequently better vibration isolation.

- Stability is enhanced when two are installed, symmetrically opposed. See fig. 1.
- They have two different length screws which facilitate the assembly of the engine to the chassis. The screws can be supplied in different lengths to order.
- They have two "anti-turn" tabs which stop the mount from turning when strong tightening torque is applied (very frequently) with pneumatic tools.
- They are supplied in 2 hardnesses to adapt to different load ranges.
- They provide vibration attenuation of above 90% in diesel or petrol single-cylinder engines running at 3000 rpm.

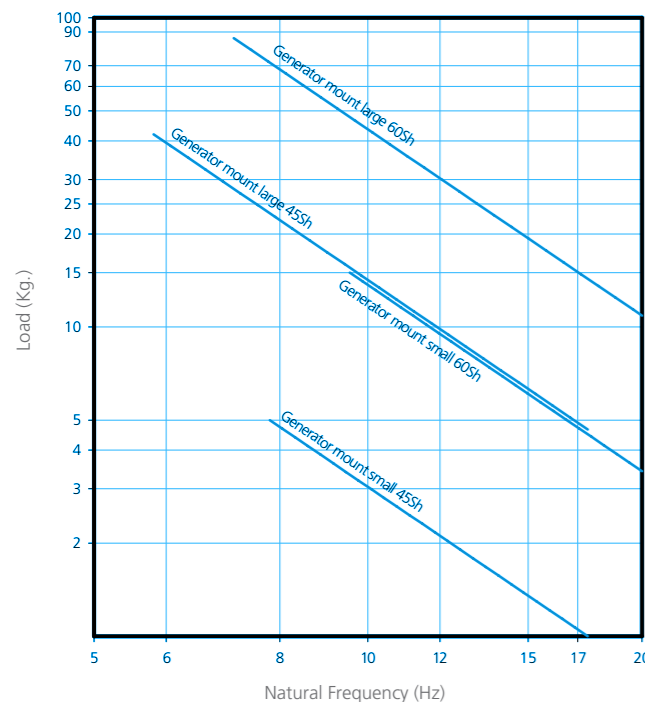
APPLICATIONS

Very low-load engines requiring high levels of isolation.
Portable gensets, compressors, motor pumps...

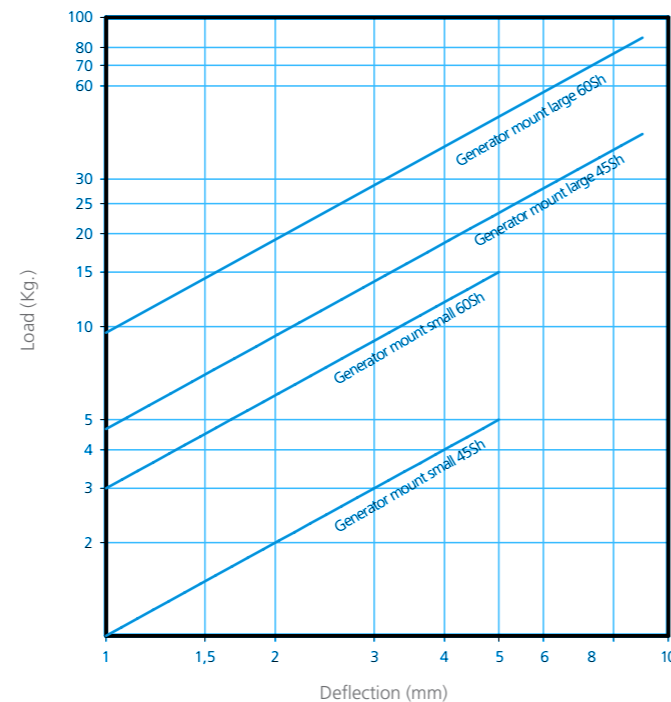


| Type | A (mm) | B (mm) | C (mm) | D (mm) | E (mm) | F (mm) | G (mm) | H (°) | J (mm) | K (mm) | L (mm) | N (mm) | P (mm) | Q (mm) | Weight (gr.) | R (mm) | Code | Load (kg) | Shore |
|-------|--------|--------|--------|--------|--------|--------|--------|-------|--------|--------|--------|--------|--------|--------|--------------|--------|--------|-----------|-------|
| Small | 23 | 14,5 | 18 | 18 | 3 | 38 | 15,9 | 50° | 47 | 23 | 3 | 5 | 5 | 11 | 150 | M8 | 148151 | 5 | 45 Sh |
| | | | | | | | | | | | | | | | | | 148153 | 15 | 60 Sh |
| Large | 28 | 19,5 | 22 | 18 | 3 | 38 | 20 | 50° | 54 | 31 | 3 | 7 | 10 | 16 | 205 | M8 | 148171 | 40 | 45 Sh |
| | | | | | | | | | | | | | | | | | 148173 | 90 | 60 Sh |

NATURAL FREQUENCY AMC MECANOCAUCHO® V-SHAPED GENERATOR MOUNT



LOAD DEFLECTION GRAPH AMC MECANOCAUCHO® V-SHAPED GENERATOR MOUNT



NP

DESCRIPTION

The NP mounts are composed of a metallic flange and a bush that are bonded to a high resilient rubber compound.

The NP mounts can be fitted with over-load/rebound washers. This allows fail-safe installations. For this purpose we recommend using washer Ref. AMC: 608074 that has the following dimensions: 76 x 16.5 x 5mm.

The flange comes with four fixing holes and the inner bush allows up to 120 N/mm tightening torque.

TECHNICAL CHARACTERISTICS

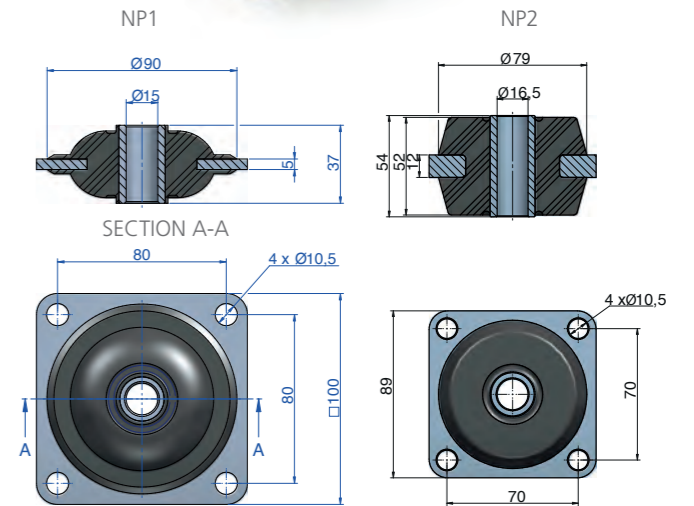
NP mounts can be applied in mobile applications when installed with overload/rebound washers.

NP mounts are available in several rubber hardnesses to suit the load range of the application.

APPLICATIONS

NP mounts are used for the effective noise and vibration isolation in the following applications:

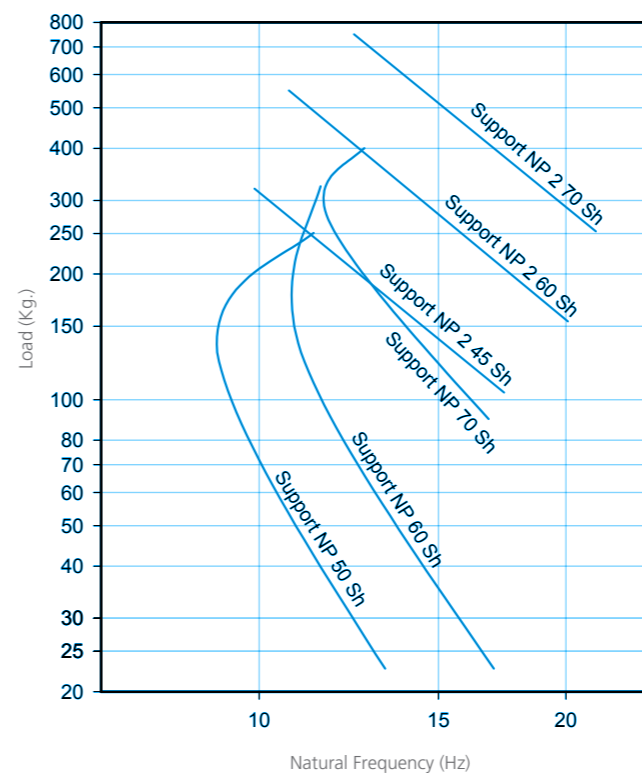
- Agricultural equipment
- Construction equipment machinery.
- Cranes.
- Forklift trucks.
- Multipurpose vehicles.



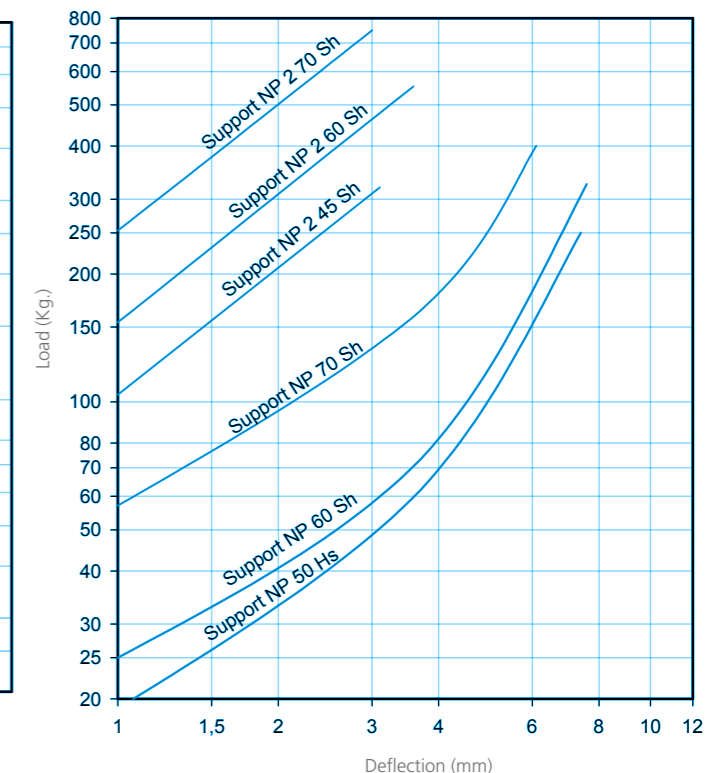
| Type | Shore | Max. Load (kg) | Code |
|------|-------|----------------|--------|
| NP1 | 50Sh | 250 | 138202 |
| | 60Sh | 325 | 138201 |
| | 70Sh | 400 | 138203 |
| NP2 | 45Sh | 320 | 138205 |
| | 60Sh | 550 | 138206 |
| | 70Sh | 750 | 138207 |

| Type | Code |
|------------|--------|
| NP1 WASHER | 608074 |
| NP2 WASHER | 608074 |

NATURAL FREQUENCY AMC MECANOCAUCHO® TYPE NP



LOAD DEFLECTION CURVE AMC MECANOCAUCHO® TYPE NP



SH

DESCRIPTION

Each mount consists of two heavy duty square outer plates with corner hole fixings fully bonded to circular profiled rubber layers separated by interleaf plates.

The type SH mounts provide high static and shock load capacities in compression with a minimum deflection, maintaining a low shear stiffness rate.

TECHNICAL CHARACTERISTICS

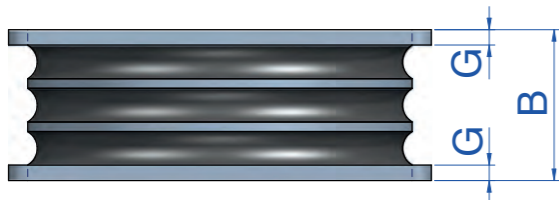
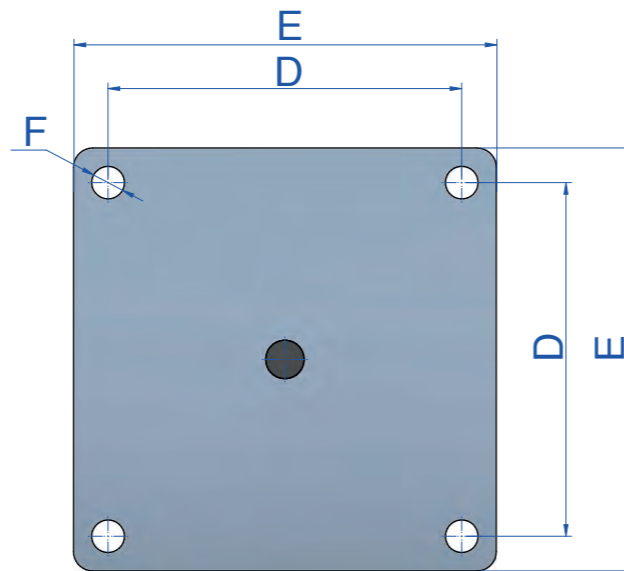
The type SH mounts are designed for long lasting heavy duty applications.

They can be supplied in 3 different hardness and 3 different sizes to suit applications where the compression load per mount is between 2 to 40 Tons.

APPLICATIONS

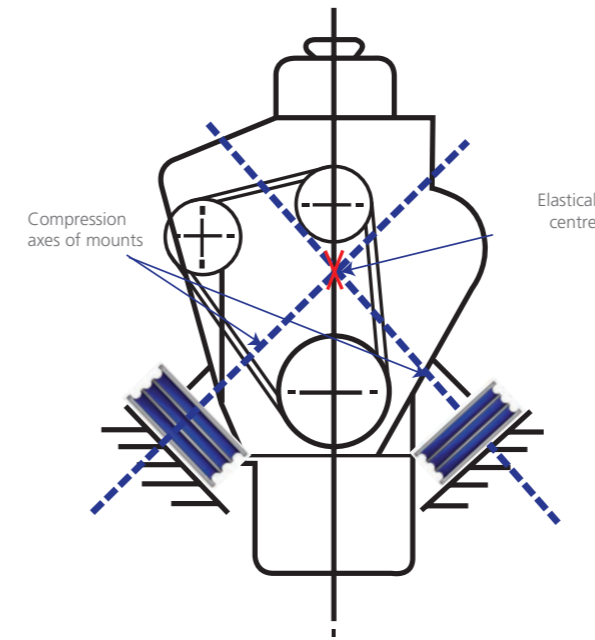
High compression capacity, low shear stiffness and relatively low installed heights make the mounts ideal for: Vibratory rollers, Mills, Presses, Heavy machinery, Feeder screens.

Due to their high load capacity these mounts are also used as point bearings for the vibration isolation of building structures.

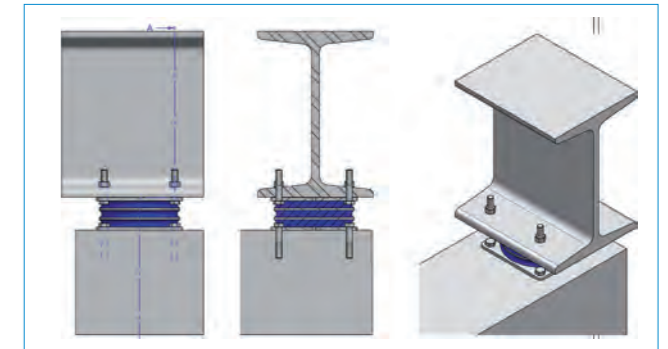
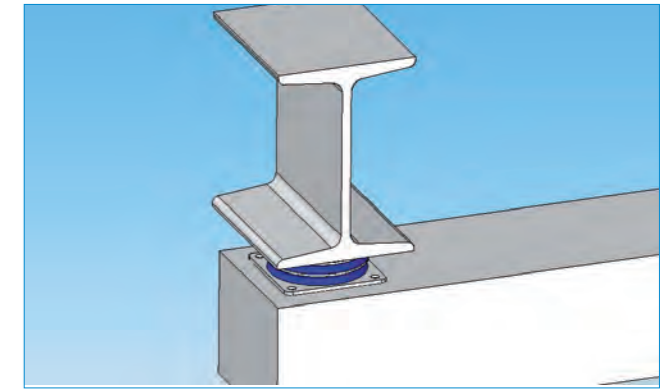


| Type | B (mm.) | D (mm.) | E (mm.) | F (mm.) | G (mm.) | Weight (kg) | Code | Shore | Max. Load (kg) |
|--------|---------|---------|---------|---------|---------|-------------|--------|-------|----------------|
| SH 125 | 52 | 118 | 148 | 13,5 | 5 | 2,5 | 148213 | 45 Sh | 2250 |
| | | | | | | | 148215 | 60 Sh | 4500 |
| SH 150 | 63 | 136 | 166 | 13,5 | 6 | 4,5 | 148201 | 45 Sh | 3750 |
| | | | | | | | 148202 | 60 Sh | 7500 |
| SH 200 | 78,5 | 184 | 220 | 17 | 8 | 9 | 148204 | 45 Sh | 6000 |
| | | | | | | | 148205 | 60 Sh | 12000 |
| SH 300 | 120 | 270 | 310 | 22 | 10 | 27 | 148207 | 45 Sh | 15000 |
| | | | | | | | 148208 | 60 Sh | 30000 |
| | | | | | | | 148209 | 70 Sh | 40000 |

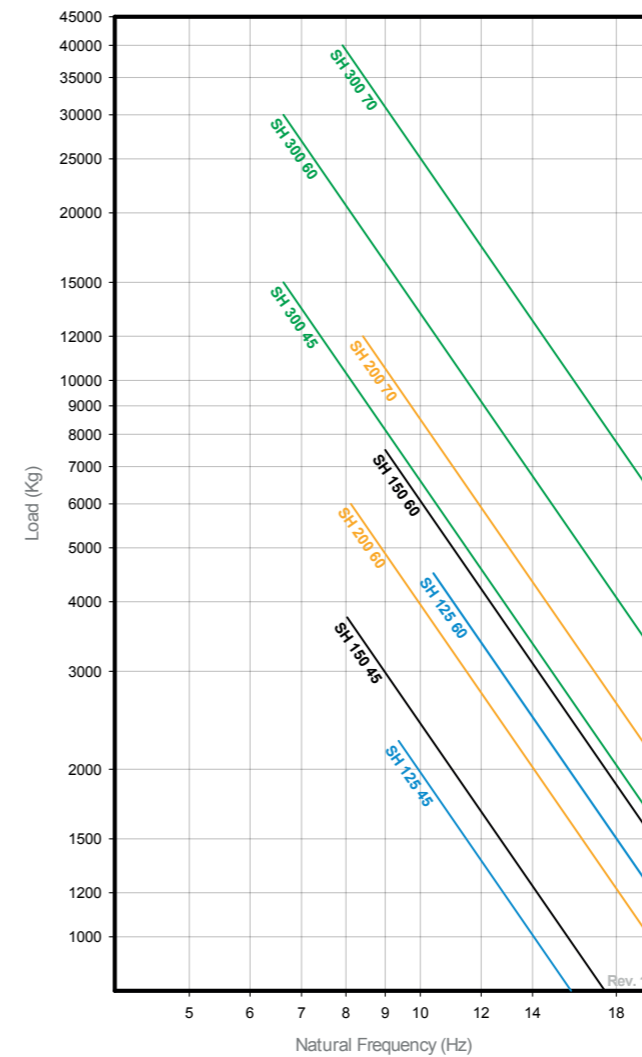
"VEE" INCLINED INSTALLATION CONFIGURATION



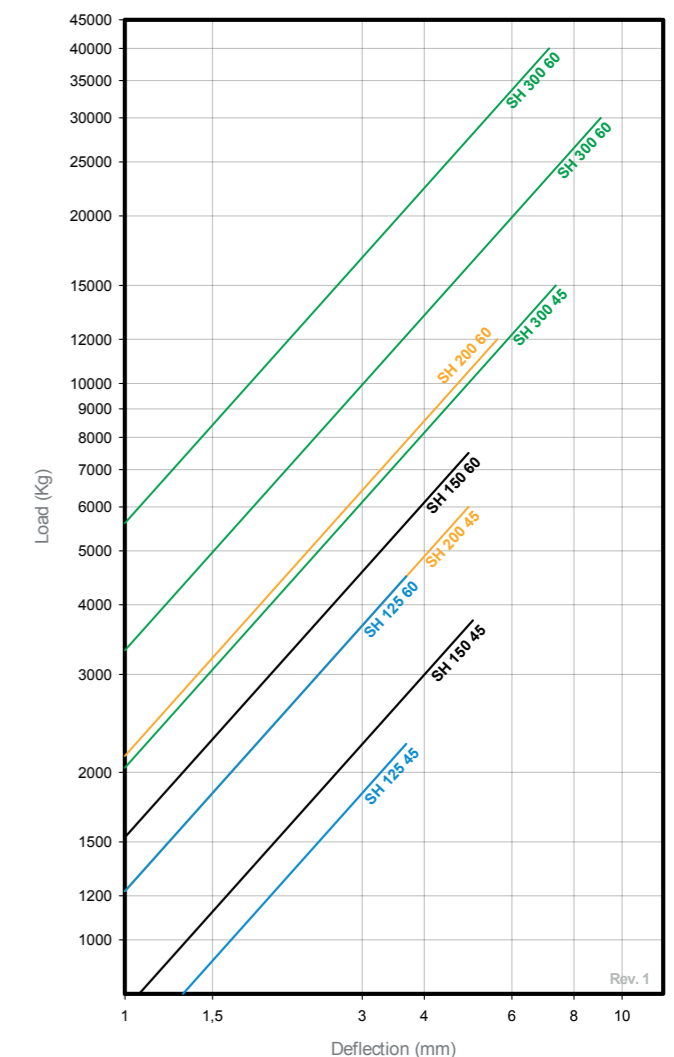
AMC technical department can calculate a precise angle configuration in order to achieve an optimum compromise between isolation and stability of the suspended equipment



NATURAL FREQUENCY SH



LOAD DEFLECTION GRAPH SH



TRANSFORMER MOUNTS

DESCRIPTION

The TRANSFORMER MOUNT combines a spring and a TRANSFORMER MOUNT damper in a single compact unit. This mount is particularly useful for transformer where isolation is needed.

The internal architecture of the mount is composed of a system that bonds the rubber to both metal parts.

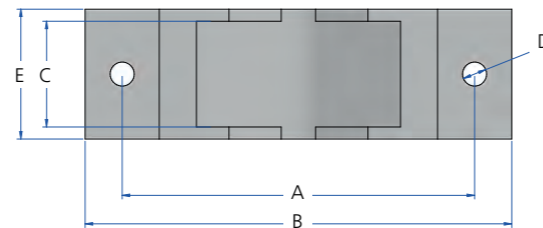
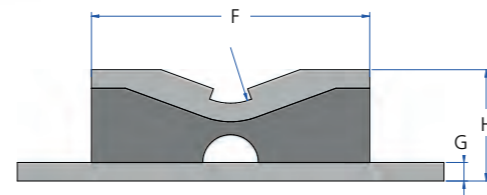
TECHNICAL CHARACTERISTICS

- The AMC MECANOCAUCHO® TRANSFORMER MOUNT incorporates resilient natural rubber specifically designed to last over time.
- The metal parts have a suitable anticorrosive treatment for outdoor applications.
- The load capacity shown in our catalogue is the maximum static values the transformer mount can support, with the capability of withstanding occasional extreme dynamic overload.

APPLICATIONS

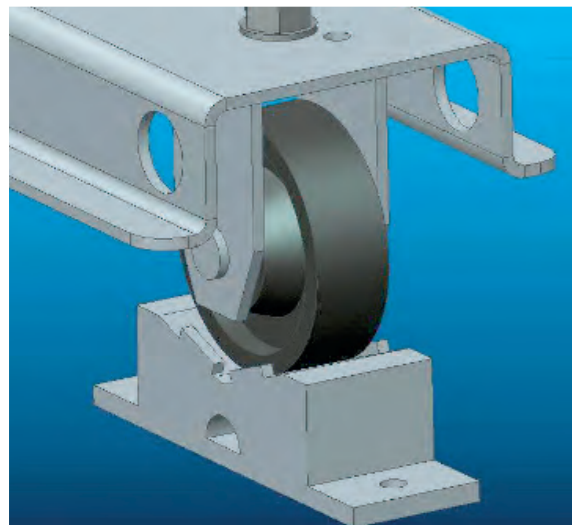
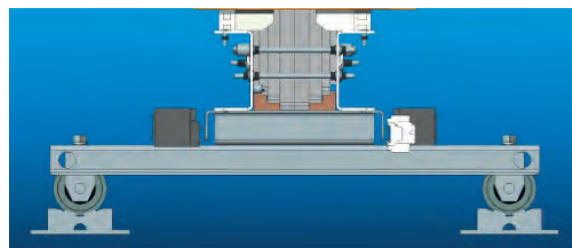
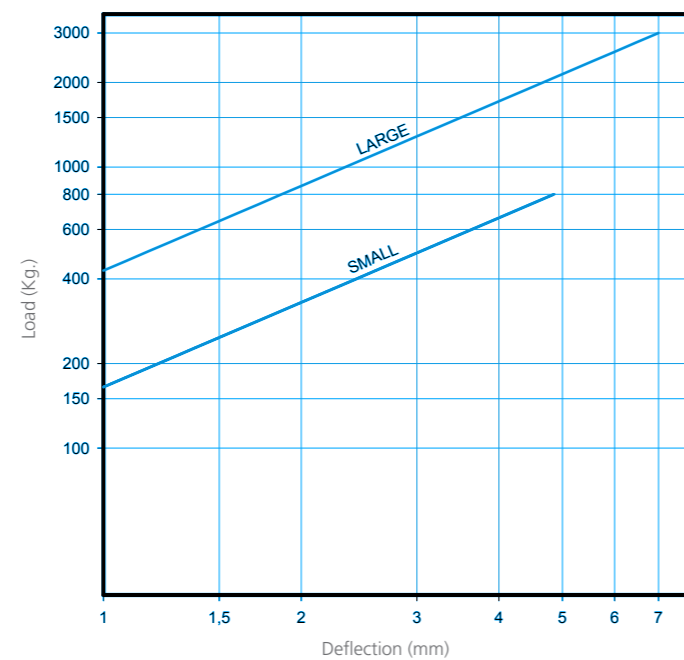
mounts have been primarily designed as transformer mounts.

The shape of the upper metal plate allows for the accommodation of the transformer wheel. This characteristic permits an easy installation without any additional fastening system.



| Type | A (mm) | B (mm) | C (mm) | D (mm) | E (mm) | F (mm) | G (mm) | H (mm) | Code | Weight (gr.) | Max. Load (kg) |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------------|----------------|
| Small | 190 | 230 | 57 | 13 | 70 | 150 | 10 | 60 | 148301 | 2600 | 800 |
| Large | 290 | 330 | 88 | 13 | 100 | 250 | 10 | 70 | 148311 | 5800 | 3000 |

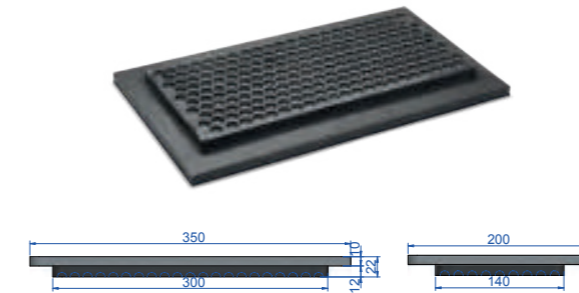
LOAD DEFLECTION GRAPH
AMC MECANOCAUCHO® TYPE TRANSFORMER MOUNT



MOUNTS FOR LARGE LOADS

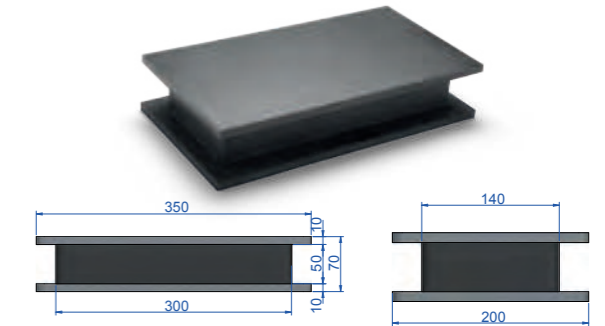
ANTI-SKID B

| Type | Code | Load (Kg.) | Deflection mm. |
|-------------|--------|------------|----------------|
| ANTI-SKID B | 141003 | 8.000 | 3 |



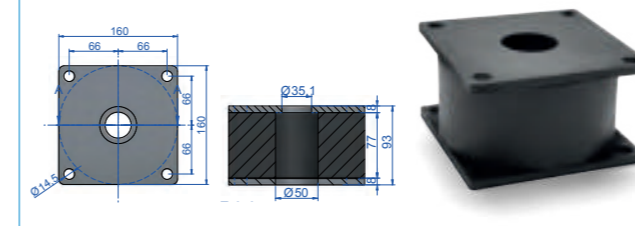
TYPE B

| Type | Code | Load (kg) |
|--------|--------|-----------|
| Type B | 141004 | 10000 |



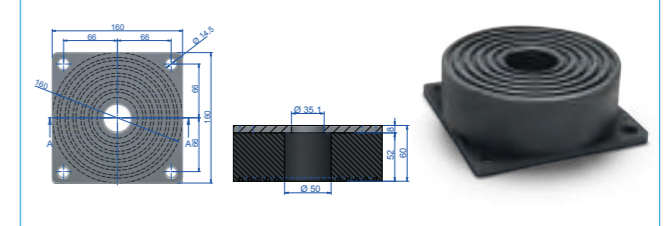
TYPE P

| Type | Code | Weight (kg) | Max. Load (kg) |
|--------|--------|-------------|----------------|
| Type P | 141005 | 2.500 | 15 |



TYPE ANTI-SKID P

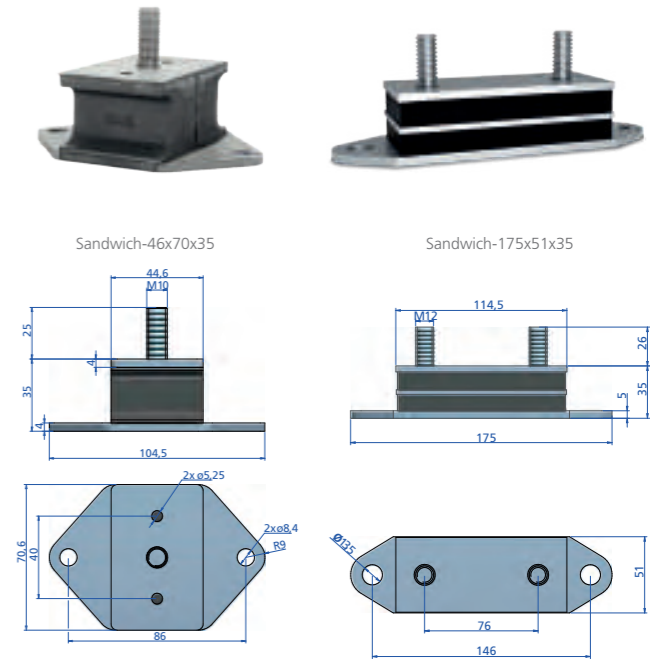
| Type | Code | Deflection mm | Max. Load (Kg) |
|-------------|--------|---------------|----------------|
| ANTI-SKID P | 141006 | 400x400 | 6 |



SANDWICH ANTI VIBRATION MOUNTS

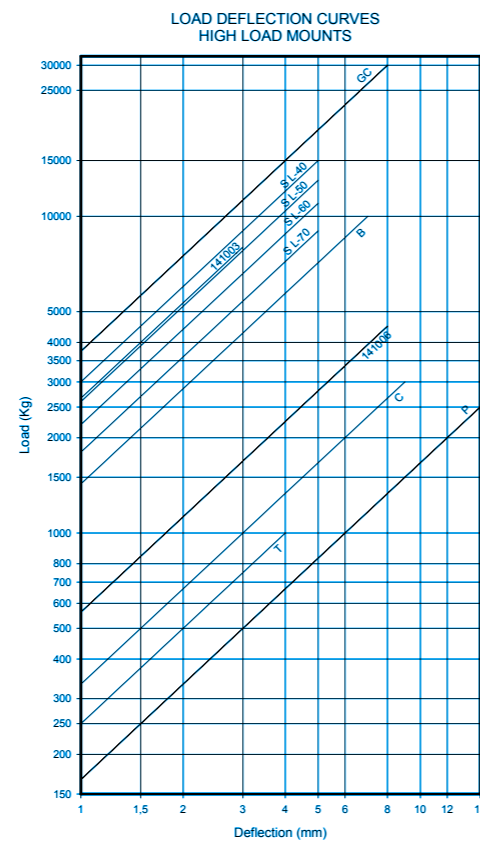
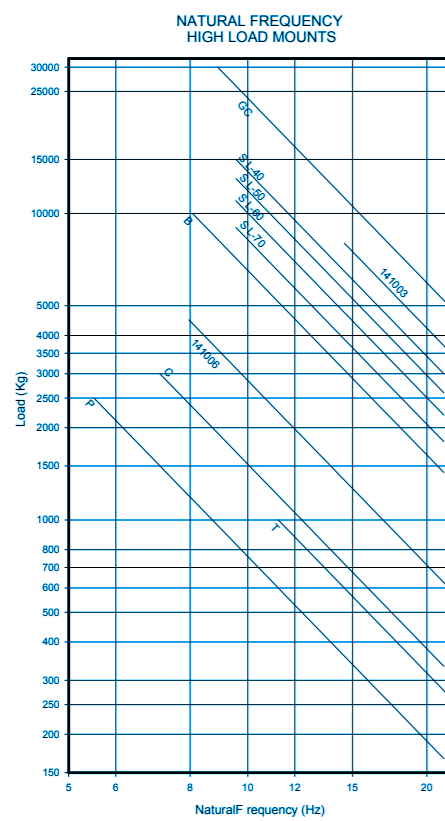
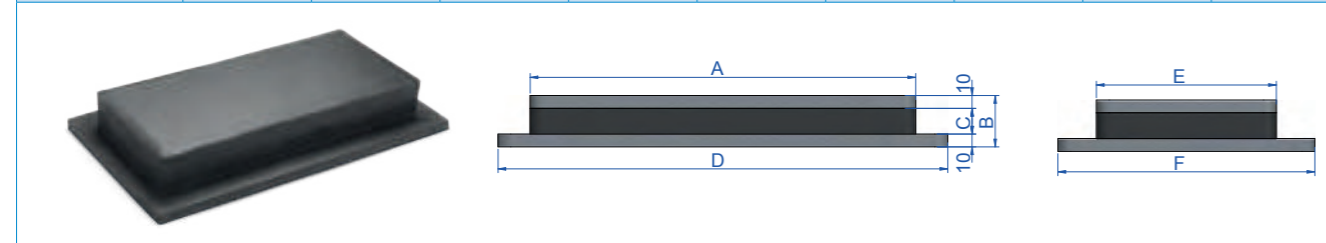
The type Sandwich anti vibration mounts are ideal for static or mobile applications for loads ranging from 50 to 1500kg. The Sandwich anti vibration mounts consists of three metal plates joined by two rubber blocks. This is particularly interesting for mobile applications where the vertical movement has to be controlled.

| Type | Shore | Weight (kg) | Max. Load (kg) | Code |
|--------------------|-------|-------------|----------------|--------|
| Sandwich-46x70x35 | 40Sh | 0,332 | 80 | 180199 |
| | 55Sh | 0,332 | 150 | 180187 |
| Sandwich-175x51x35 | 45Sh | 0,775 | 500 | 148189 |
| | 60Sh | 0,775 | 1000 | 148190 |
| | 70Sh | 0,775 | 1500 | 148191 |



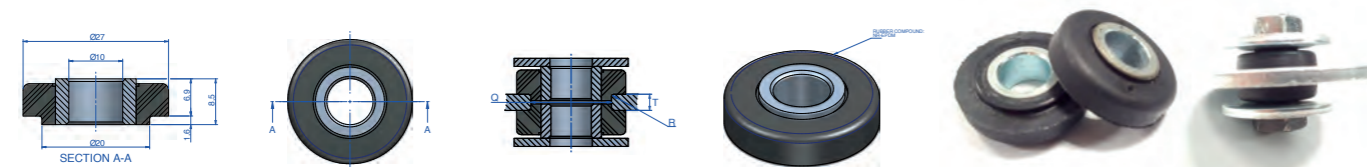
TYPE S

| Type | A (mm.) | B (mm.) | C (mm.) | D (mm.) | E (mm.) | F (mm.) | Deflection mm. | Code | Max. Load (kg) |
|------|---------|---------|---------|---------|---------|---------|----------------|--------|----------------|
| L-40 | 300 | 40 | 20 | 350 | 140 | 200 | 5 | 141021 | 15000 |
| L-50 | 300 | 50 | 30 | 350 | 140 | 200 | 5 | 141022 | 13000 |
| L-60 | 300 | 60 | 40 | 350 | 140 | 200 | 5 | 141023 | 11000 |
| L-70 | 300 | 70 | 50 | 350 | 140 | 200 | 5 | 141024 | 9000 |



TFS

The TFS type anti vibration mounts are made of two symmetric moulded parts. They are designed to work in traction or compression providing a similar stiffness. When installed with metal washers they allow failsafe installations.



| Type | Color Code | Shore | Q (mm) | T (mm) | Max. Load (kg) | R (mm) | Code |
|--------|------------|-------|--------|--------|----------------|--------|--------|
| TFS 25 | Yellow | 45 Sh | 20 | 4 | 10 | 1 | 138035 |

WASHERS

Washers are supplied on request.

| Type | Weight (gr) | Øext (mm) | Øint (mm) | Thickness (mm) | Code |
|--------|-------------|-----------|-----------|----------------|--------|
| TFS 25 | 10 | 28,2 | 10,5 | 2 | 606185 |

AVR



Rubber buffers

Rubber and steel

PLATES

Anthracite painted zinc-plated steel.

VIBRATION-DAMPER BODY

NBR rubber, hardness 30, 50, 55, 60 and 80 Shore A.

STANDARD EXECUTIONS

- **AVR-Q**: square plates with SBR rubber coating.
- **AVR-R**: rectangular plates.

FEATURES AND APPLICATIONS

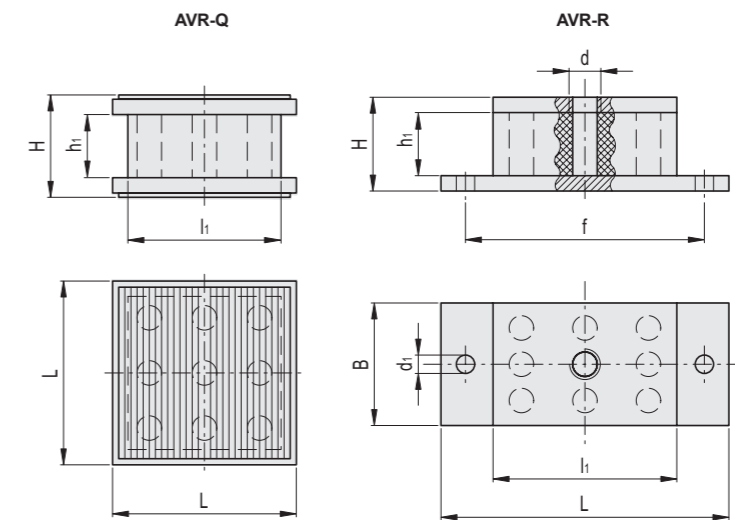
The AVR vibration-damper bases are made up of two steel plates glued on the two faces of a perforated NBR rubber vibration-damper body to ensure better performance.

Generally used for vibrations and shock insulation, where resistance to compression is required.

They are particularly suitable for use with HVAC, pumps, purification and desalination plants, instrumentation panels.

As widely known, vibrations can cause:

- malfunctioning and reduction of the machine lifespan and/or of the adjacent ones;
- noise and thus also damage to human health.



AVR-Q

| Code | Description | L | H | h ₁ | l ₁ | Min. load [N] | Max. load [N] | Min. deflection [mm] | Max. deflection [mm] | ⚖ |
|--------|----------------------|-----|-----|----------------|----------------|---------------|---------------|----------------------|----------------------|------|
| 480221 | AVR-Q-140-50-200-50 | 200 | 72 | 50 | 140 | 10000 | 28000 | 5 | 12 | 6442 |
| 480223 | AVR-Q-140-100-200-50 | 200 | 122 | 100 | 140 | 12000 | 23000 | 15 | 30 | 7662 |
| 480225 | AVR-Q-140-105-200-50 | 200 | 172 | 150 | 140 | 11000 | 21000 | 25 | 45 | 8808 |

AVR-R

| Code | Description | B | L | H | d | h ₁ | d ₁ ±0 | l ₁ | f | Min. load [N] | Max. load [N] | Min. deflection [mm] | Max. deflection [mm] | ⚖ |
|--------|--------------------|-----|-----|----|-----|----------------|-------------------|----------------|-----|---------------|---------------|----------------------|----------------------|------|
| 480201 | AVR-R- 30-160-30 | 100 | 160 | 50 | M16 | 30 | 13 | 90 | 125 | 3000 | 8400 | 5 | 10 | 2246 |
| 480211 | AVR-R-130-30-20-30 | 100 | 200 | 50 | M16 | 30 | 13 | 130 | 165 | 4500 | 12500 | 5 | 10 | 2998 |
| 480231 | AVR-R 0-30-290-30 | 100 | 290 | 50 | M16 | 30 | 13 | 220 | 255 | 7500 | 21000 | 5 | 10 | 4800 |
| 480233 | AVR-R 0-30-290 | 100 | 290 | 50 | M16 | 30 | 13 | 220 | 255 | 12500 | 30000 | 5 | 10 | 4830 |
| 480235 | AVR-R 0-30-290 | 100 | 290 | 50 | M16 | 30 | 13 | 220 | 255 | 16500 | 40000 | 5 | 10 | 4912 |
| 480237 | AVR-R 0-30-290 | 100 | 290 | 50 | M16 | 30 | 13 | 220 | 255 | 21000 | 49000 | 5 | 10 | 4828 |
| 480239 | AVR-R 0-30-290 | 100 | 290 | 50 | M16 | 30 | 13 | 220 | 255 | 23000 | 100000 | 5 | 10 | 4875 |

The min. load is the value below which the vibration damper is not able to isolate the vibrations as it would be too rigid.

The max load is the value beyond which some type of failure may occur that compromises the functionality of the vibration damper.

The min. deflection is the crushing of the vibration-damping support corresponding to the min. load.

The max. deflection is the crushing of the vibration-damping support corresponding to the max. load.

RUBBER BLOCKS & MATS

There are different mats, in different sizes, rubber grades and hardnesses. The most classic use is for damping high frequency vibrations without the need for any anchoring.

The user cuts them to the relevant size and can apply them using an adhesive, or simply by placing them on the base of the machine. In cases where contact with oils is foreseen, this should be indicated on the order.

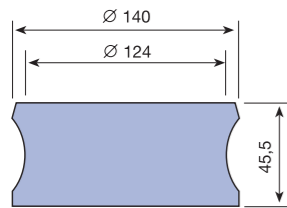
The mat will be more or less elastic or anti-skid, depending on the different models.



TYPE T

| Type | Code | Load (kg) | Deflection mm | Weight (kg) |
|-------------------------------|--------|-----------|---------------|-------------|
| RUBBER BLOCKS AND MATS Type T | 141001 | 1000 | 4 | 0,687 |

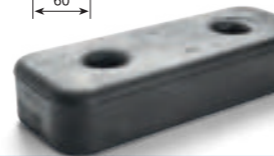
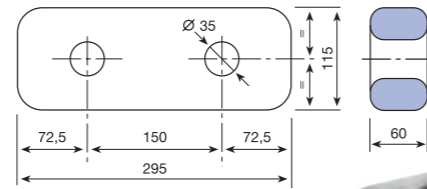
Deflection curve on page 77



TYPE C

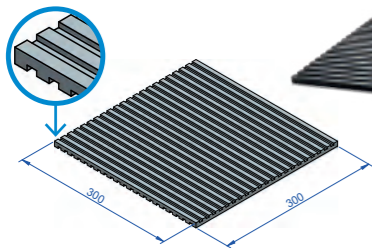
| Type | Code | Load (kg) | Deflection mm | Weight (kg) |
|-------------------------------|--------|-----------|---------------|-------------|
| RUBBER BLOCKS AND MATS Type C | 141002 | 3000 | 9 | 2,082 |

Deflection curve on page 77



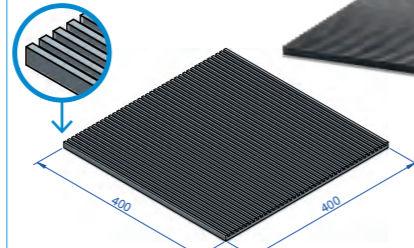
MAT 300x300

| Type | Max. Load (Kg./cm ²) | Code | Weight (kg) | Thickness (mm) |
|----------------------------------|----------------------------------|--------|-------------|----------------|
| RUBBER BLOCKS AND MATS 300 x 300 | 4 | 152001 | 0,521 | 8 |



MAT 400x400


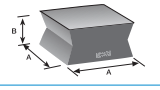
| Type | Max. Load (Kg./cm ²) | Code | Weight (kg) | Thickness (mm) |
|----------------------------------|----------------------------------|--------|-------------|----------------|
| RUBBER BLOCKS AND MATS 400 x 400 | 6 | 152003 | 1,471 | 12 |



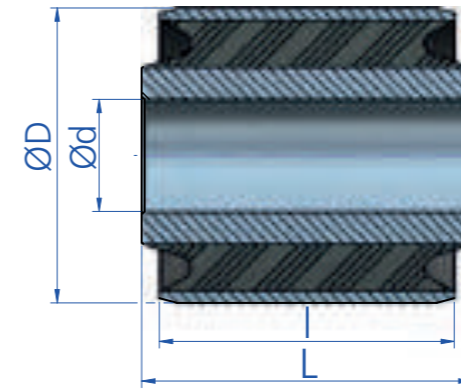
BLOCKS

These are square antivibration mounts which are ideal for installation without any type of attachment or anchoring.

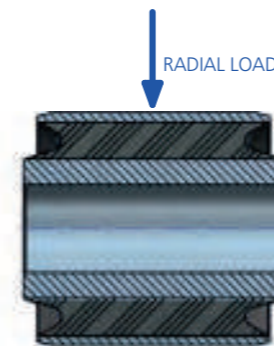


| | Type | A (mm) | B (mm) | Load kg MIN | Load kg MAX | Fig. | Code | Weight (kg) |
|---|-------|--------|--------|-------------|-------------|------|--------|-------------|
|  | G-060 | 70 | 30 | 180 | 300 | 1 | 152005 | 0,16 |
| | G-070 | 80 | 30 | 350 | 600 | 1 | 152006 | 0,218 |
| | G-090 | 100 | 40 | 200 | 500 | 1 | 152008 | 0,359 |
| | G-110 | 110 | 30 | 1600 | 3000 | 1 | 152009 | 0,4 |
|  | G-080 | 80 | 50 | 200 | 500 | 2 | 152007 | 0,313 |

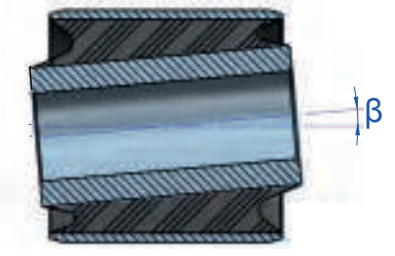
BUSHINGS



| Type | d (mm) | D (mm) | l (mm) | L (mm) | Weight (kg) | Torsion Mt max (Nm) | Angle Torsion φ max (°) | Conical Angle max β (°) | Axial load Fa max (N) | Axial load Sa max (mm) | Radial load Fr max (N) | Radial load Sr max (mm) | Code |
|----------|--------|--------|--------|--------|-------------|---------------------|-------------------------|-------------------------|-----------------------|------------------------|------------------------|-------------------------|--------|
| BUSHINGS | 10 | 22 | 25 | 30 | 0,034 | 7 | 10 | 3 | 500 | 0,9 | 1875 | 0,25 | 154005 |
| | 10 | 22 | 30 | 32 | 0,038 | 9 | 10 | 2 | 600 | 0,9 | 2250 | 0,25 | 154006 |
| | 10 | 25 | 20 | 25 | 0,60 | 8 | 10 | 3 | 250 | 1 | 2000 | 1 | 154168 |
| | 12 | 30 | 28 | 34 | 0,064 | 10 | 15 | 2 | 580 | 1,7 | 1750 | 0,55 | 154103 |
| | 12 | 32 | 55 | 59 | 0,131 | 19 | 16 | 2 | 1200 | 1,7 | 7000 | 0,65 | 154077 |
| | 12 | 40 | 40 | 60 | 0,198 | 16 | 20 | 3 | 450 | 1,8 | 1200 | 1 | 154104 |
| | 12.20 | 46.4 | 52 | 60 | 0,264 | 33 | 25 | 3 | 1100 | 2,6 | 3000 | 0,85 | 154086 |
| | 14 | 27 | 40 | 45 | 0,08 | 20 | 10 | 2 | 935 | 1,3 | 4400 | 0,35 | 154107 |
| | 16 | 32 | 22 | 30 | 0,073 | 14 | 10 | 3 | 750 | 1,3 | 1800 | 0,35 | 154080 |
| | 18 | 36 | 48,5 | 58,5 | 0,161 | 35 | 10 | 2 | 1420 | 1,6 | 7350 | 0,45 | 154021 |
| | 20 | 45 | 35 | 40 | 0,152 | 45 | 15 | 2 | 1600 | 4,8 | 5800 | 1,4 | 154133 |
| | 20 | 45 | 64 | 70 | 0,285 | 55 | 15 | 2 | 2200 | 2,5 | 10000 | 0,85 | 154073 |
| | 24 | 45 | 44 | 55 | 0,265 | 55 | 11 | 3 | 1840 | 1,8 | 8650 | 0,6 | 154082 |
| | 25 | 50 | 50 | 56 | 0,261 | 34 | 6,6 | 2 | 2900 | 3 | 10000 | 1 | 154040 |
| | 25 | 50 | 80 | 85 | - | 49 | 14 | 2 | 7500 | 7,8 | 18000 | 1,7 | 154044 |
| | 32 | 66 | 47 | 55 | 0,517 | 77 | 15 | 3 | 2450 | 3,9 | 8400 | 1,3 | 154079 |
| | 40 | 70 | 55 | 65 | 0,616 | 138 | 12 | 3 | 3320 | 3,6 | 20500 | 1,2 | 154043 |
| | 45 | 75 | 90 | 100 | 0,956 | 320 | 10 | 2 | 6300 | 3,1 | 35000 | 0,9 | 154075 |
| 45 | 80 | 45 | 45 | 0,522 | 80 | 11 | 4 | 1500 | 3,3 | 7800 | 2,3 | 154091 | |
| 50 | 80 | 100 | 110 | 1,4 | 450 | 9 | 1 | 7800 | 2,8 | 55000 | 0,85 | 154061 | |



TORSIONAL ANGLE



CONICAL ANGLE

LOADS

ELASTOMERIC SPRINGS

DESCRIPTION

The type Elastomeric Spring anti vibration mounts are ideal for those applications where high vibration isolation is required. Its specific design allows this mount to have high deflection. This feature is particularly useful on those applications where vibration in the vertical sense is predominant.

TECHNICAL CHARACTERISTICS

The damping properties of the rubber allow to provide a higher motion control of the suspended element. The optimal corrosion properties allow this mount to resist to aggressive corrosion environments.

APPLICATIONS

The Elastomeric Spring anti vibration mounts are used in applications where a high degree of isolation is required and also motion control of the suspended element is required, such as : vibrating tables, vibration feeders or suspension of industrial vehicles.

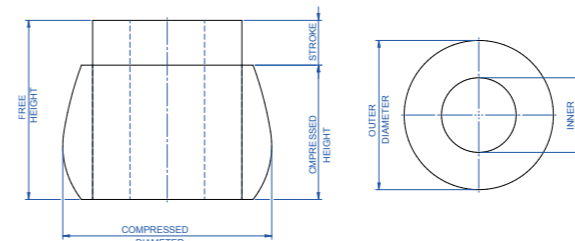
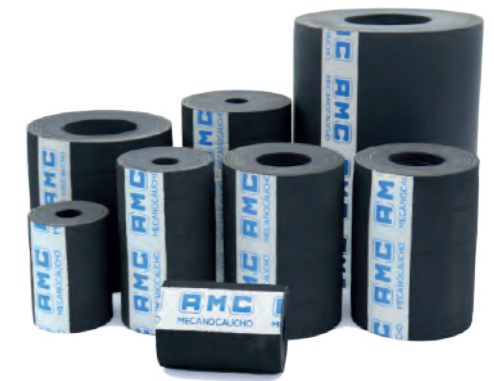


| Type | Code | Weight (kg) | Shore | Load max. | Max. Shock |
|--------------|--------|-------------|-------|-----------|------------|
| RSFF 125 142 | 180251 | 1,953 | 55 Sh | 1150 Kg | - |
| RS 110 132 | 180185 | 0,939 | 60 Sh | 450 Kg | 1200 Kg |
| RSF 110 132 | 180234 | 1,072 | 60 Sh | 450 Kg | 1200 Kg |
| RSF 55 55 | 180177 | 0,123 | 65 Sh | 60 Kg | 120 Kg |

REINFORCED ELASTOMERIC SPRINGS

These fabric and rubber springs will provide a long life, greater productivity, fast replacement time and virtually maintenance free operation.

They can be used as a replacement for steel coil springs or an additional anti-vibration device. Unlike coil springs they will not deteriorate in humid or corrosive environments.



| Type | Øext (mm) | Øint (mm) | Free Height (mm) | Load kg min. | Compressed Height kg min. (mm) | Freq. Hz. min. Load | Load kg max. | Compressed Height kg max (mm) | Freq. Hz. max. Load | Code |
|--------------------------------|-----------|-----------|------------------|--------------|--------------------------------|---------------------|--------------|-------------------------------|---------------------|--------|
| Reinforced elastomeric springs | 41,3 | 16 | 44,5 | 48 | 38 | 3,72 | 120 | 32 | 7 | 171322 |
| | 41,3 | 16 | 89 | 49 | 75 | 4,08 | 100 | 64 | 3,92 | 171323 |
| | 76 | 25 | 102 | 192 | 86 | 3,99 | 409 | 74 | 4,52 | 171300 |
| | 89 | 25 | 152 | 250 | 130 | 3,21 | 513 | 112 | 3,28 | 171303 |
| | 102 | 50 | 152 | 284 | 130 | 3,21 | 569 | 112 | 3,14 | 171302 |
| | 114 | 50 | 152 | 483 | 130 | 3,37 | 968 | 114 | 3,4 | 171304 |
| | 114 | 25 | 178 | 636 | 152 | 3,23 | 1253 | 133 | 3,34 | 171305 |
| | 127 | 25 | 178 | 663 | 152 | 3,87 | 1525 | 129 | 4,05 | 171306 |
| | 140 | 50 | 178 | 746 | 152 | 3,4 | 1714 | 129 | 3,07 | 171309 |
| | 152 | 76 | 152 | 745 | 130 | 3,42 | 1799 | 112 | 3,2 | 171307 |
| | 165 | 76 | 203 | 890 | 173 | 3,03 | 1883 | 152 | 3,14 | 171308 |
| | 152 | 25 | 152 | 1018 | 130 | 3,9 | 2489 | 112 | 3,77 | 171310 |
| | 191 | 89 | 203 | 1143 | 173 | 2,3 | 2815 | 147 | 3,24 | 171314 |
| | 191 | 89 | 254 | 1138 | 216 | 2,66 | 2668 | 184 | 2,96 | 171315 |
| | 203 | 50 | 203 | 1407 | 173 | 3,56 | 3863 | 152 | 3,15 | 171316 |
| | 279 | 51 | 152 | 3718 | 130 | 3,66 | 9070 | 110 | 3,40 | 171320 |

SN ANTI VIBRATION MOUNTS

APPLICATIONS

It is a support used in multiple applications, but primarily in marine engines whose excitation frequency is less than or close to 1000 rev/min.



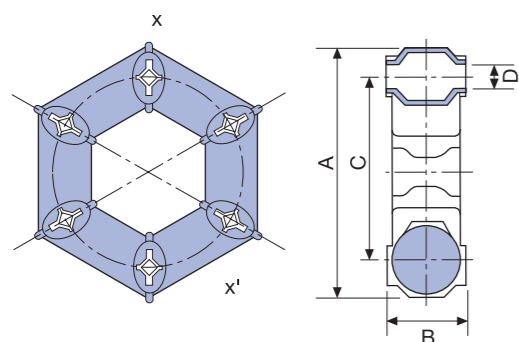
| Type | Deflection mm | Weight (kg) | Shore | Max. Load (kg) | Code |
|------|---------------|-------------|-------|----------------|--------|
| SN | 9 | 2,61 | 45 Sh | 180 | 139001 |
| | 8 | 2,61 | 60 Sh | 240 | 139002 |

ELASTIC COUPLINGS



ELASTIC COUPLINGS FLECTOR

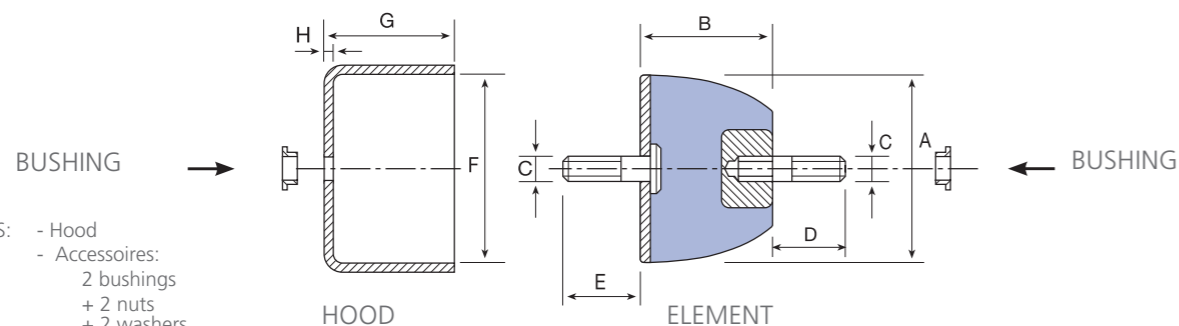
X-X' SECTION



| Type | A (mm) | B (mm) | D (mm) | C installed | C free | R.P.M. max. | Code | Weight (kg) | nominal torque m kg |
|---------------|--------|--------|--------|-------------|--------|-------------|--------|-------------|---------------------|
| Flector 4MKG | 91 | 28 | 8 | 65 | 75 | 6000 | 160201 | 0,227 | 4 |
| Flector 9MKG | 117 | 32 | 10 | 85 | 96 | 5000 | 160202 | 0,334 | 9 |
| Flector 16MKG | 142 | 46 | 12 | 100 | 110 | 4500 | 160203 | 0,839 | 16 |
| Flector 25MKG | 181 | 51 | 14 | 132 | 146 | 3500 | 160204 | 1,002 | 25 |
| Flector 35MKG | 202 | 54 | 18 | 150 | 170 | 3000 | 160205 | 1,412 | 35 |
| Flector 50MKG | 232 | 62 | 20 | 170 | 195 | 2800 | 160206 | 2,32 | 50 |
| Flector 70MKG | 263 | 68 | 20 | 190 | 216 | 2400 | 160207 | 3,309 | 70 |

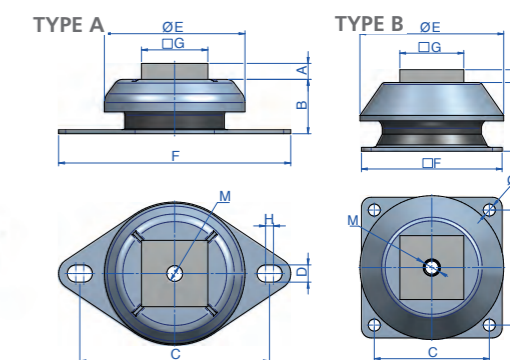
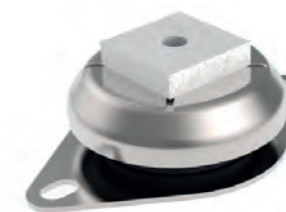
TYPE DP

| Type | Code | Force kg | A (mm) | B (mm) | C (mm) | D (mm) | E (mm) | F (mm) | G (mm) | H (mm) | Weight (kg) |
|--------------|--------|----------|--------|--------|--------|--------|--------|--------|--------|--------|-------------|
| ELEMENT DP-2 | 160241 | 174 | 84 | 52 | M-12 | 30 | 35 | 84,5 | 50 | 3 | 0,75 |
| ELEMENT DP-4 | 160242 | 300 | 120 | 75 | M-16 | 44 | 49 | 120 | 75 | 5 | 1,777 |
| ELEMENT DP-6 | 160243 | 1000 | 220 | 137 | M-24 | 80 | 80 | 20 | 133 | 10 | - |
| HOOD DP-2 | 160251 | 174 | 84 | 52 | M-12 | 30 | 35 | 84,5 | 50 | 3 | 0,416 |
| HOOD DP-4 | 160252 | 300 | 120 | 75 | M-16 | 44 | 49 | 120 | 75 | 5 | 1,461 |
| HOOD DP-6 | 160253 | 1000 | 220 | 137 | M-24 | 80 | 80 | 20 | 133 | 10 | - |
| BUSHING DP-2 | 160261 | 174 | 84 | 52 | M-12 | 30 | 35 | 84,5 | 50 | 3 | - |
| BUSHING DP-4 | 160262 | 300 | 120 | 75 | M-16 | 44 | 49 | 120 | 75 | 5 | 0,249 |
| BUSHING DP-6 | 160263 | 1000 | 220 | 137 | M-24 | 80 | 80 | 20 | 133 | 10 | - |



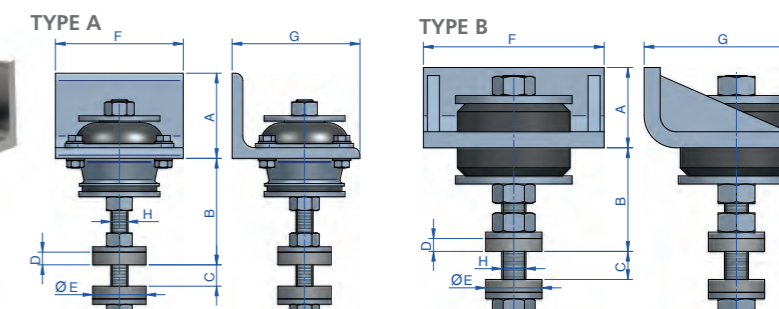
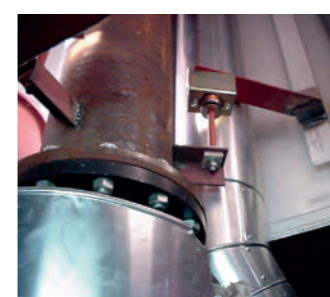
- * OPTIONS:
- Hood
 - Accessoires:
2 bushings
+ 2 nuts
+ 2 washers

SFC MARINE EXHAUST MOUNTS



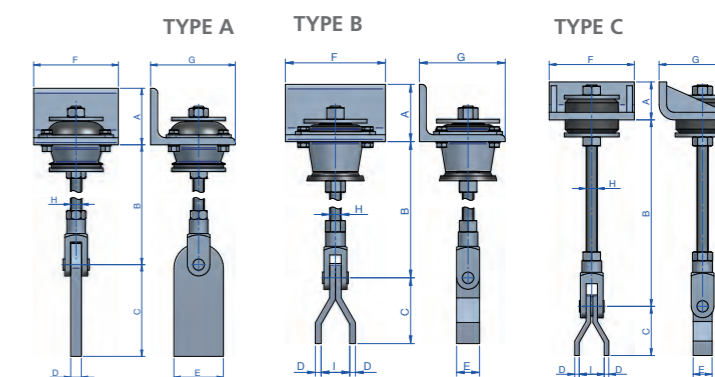
| Type | A (mm) | B (mm) | C (mm) | D (mm) | E (mm) | F (mm) | G (mm) | H (mm) | M | Shore | Max. Load (kg) | Code |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|-----|-------|----------------|--------|
| Type A | 12 | 34 | 123,2 | 10 | 92 | 150 | 50 | 4,4 | M12 | 60 Sh | 270 | 709301 |
| | 12 | 41 | 143 | 13 | 106 | 175 | 50 | 6 | M12 | 60 Sh | 420 | 709305 |
| | 12 | 53,5 | 182 | 14,5 | 156 | 218 | 90 | 6 | M16 | 60 Sh | 800 | 709311 |
| Type B | 12 | 105 | 180 | 19 | 230 | 220 | 90 | - | M24 | 60 Sh | 3400 | 709315 |

SFT MARINE EXHAUST MOUNTS



| Type | A (mm) | B (mm) | C (mm) | D (mm) | E (mm) | F (mm) | G (mm) | H (mm) | Shore | Max. Load (kg) | Code |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|-------|----------------|--------|
| Type A | 50 | 51,5 | 20 | 12 | 50 | 110 | 100 | M12 | 45 Sh | 75 | 709201 |
| | 50 | 51,5 | 20 | 12 | 50 | 110 | 100 | M12 | 60 Sh | 140 | 709205 |
| | 50 | 51,5 | 20 | 12 | 50 | 110 | 100 | M12 | 45 Sh | 100 | 709211 |
| | 50 | 51,5 | 20 | 12 | 50 | 110 | 100 | M12 | 60 Sh | 180 | 709215 |
| | 80 | 80 | 40 | 12 | 50 | 120 | 120 | M16 | 40 Sh | 140 | 709221 |
| | 80 | 80 | 40 | 12 | 50 | 120 | 120 | M16 | 60 Sh | 300 | 709225 |
| | 80 | 80 | 40 | 12 | 50 | 120 | 120 | M16 | 60 Sh | 500 | 709231 |
| | 80 | 80 | 40 | 12 | 50 | 120 | 120 | M16 | 70 Sh | 750 | 709235 |
| | 100 | 100 | 50 | 12 | 50 | 175 | 150 | M20 | 45 Sh | 900 | 709241 |
| | 100 | 100 | 50 | 12 | 50 | 175 | 150 | M20 | 60 Sh | 1250 | 709245 |
| Type B | 100 | 120 | 50 | 12 | 70 | 225 | 200 | M30 | 60 Sh | 2000 | 709251 |

ST MARINE EXHAUST MOUNTS



| Type | A (mm) | B (mm) | C (mm) | D (mm) | E (mm) | F (mm) | G (mm) | H (mm) | I (mm) | Shore | Max. Load (kg) | Code |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|-------|----------------|--------|
| Type A | 50 | 325 | 118 | 10 | 50 | 110 | 100 | M12 | - | 45 Sh | 75 | 709101 |
| | 50 | 325 | 118 | 10 | 50 | 110 | 100 | M12 | - | 60 Sh | 140 | 709105 |
| | 50 | 325 | 118 | 10 | 50 | 110 | 100 | M12 | - | 45 Sh | 100 | 709111 |
| | 50 | 325 | 118 | 10 | 50 | 110 | 100 | M12 | - | 60 Sh | 180 | 709115 |
| | 80 | 477 | 130 | 15 | 70 | 120 | 120 | M16 | - | 40 Sh | 140 | 709121 |
| | 80 | 477 | 130 | 15 | 70 | 120 | 120 | M16 | - | 60 Sh | 300 | 709125 |
| | 80 | 477 | 130 | 15 | 70 | 120 | 120 | M16 | - | 60 Sh | 500 | 709131 |
| | 80 | 477 | 130 | 15 | 70 | 120 | 120 | M16 | - | 70 Sh | 750 | 709135 |
| Type B | 100 | 485 | 115 | 10 | 40 | 175 | 150 | M20 | 50 | 65 Sh | 1100 | 709141 |
| | 100 | 485 | 115 | 10 | 40 | 175 | 150 | M20 | 50 | 75 Sh | 1570 | 709145 |
| Type C | 100 | 500 | 130 | 12 | 50 | 225 | 200 | M30 | 66 | 60 Sh | 2000 | 709151 |

WIRE ROPE ANTI VIBRATION MOUNT



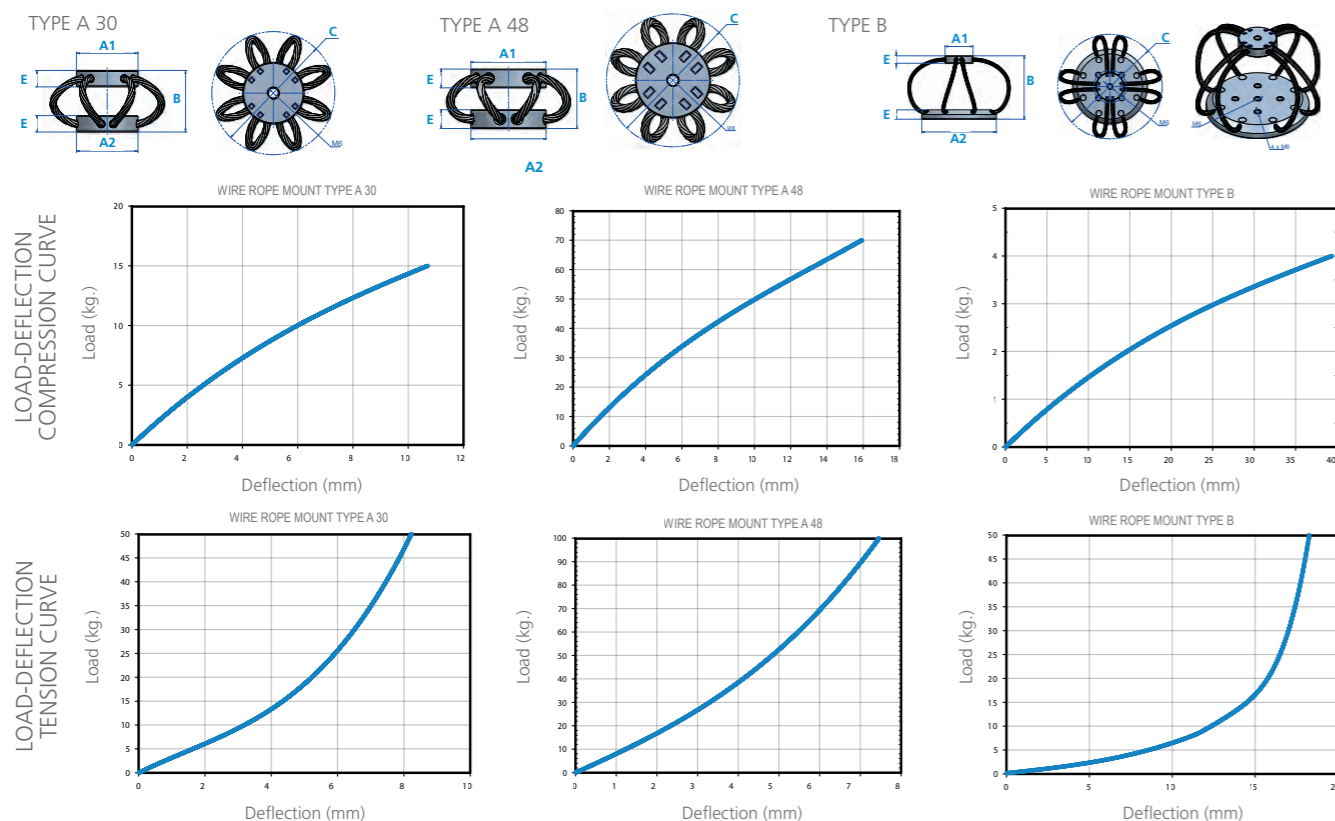
DESCRIPTION

Wire Rope Mounts consist in two alu-minium discs linked by several toric winding made out of a stainless steel cable.

The assembly of this mounting is very simple due to its compact and symmetric design, providing a constant radial stiffness in all directions. This feature makes unnecessary the radial alignmet of the mount.

APPLICATIONS

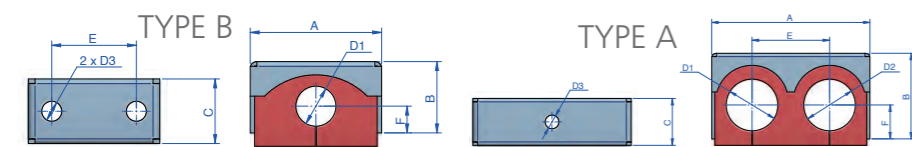
Wire Rope Mounts, due to their low stiff-ness, are specially suitable for applications where small static loads are involved and high isolation level is required. Moreover, these mounts assure the stability of the suspended equipment by limiting the deflection that can be achieved, both in compression and tension, as well as in radial direction. These features make Wire Rope Mounts suitable to be subject to shock inputs. The materials in which these mounts are made protect the Wire Rope Mounts against aging and corrosion.



| Type | Maximum static load (Kg) | Maximum Total Load (N) | Code |
|--------------|--------------------------|------------------------|--------|
| TYPE A 30 | 6 | 150 | 171200 |
| TYPE A 48X38 | 28 | 700 | 171202 |
| TYPE A 48X50 | 18 | 350 | 171203 |
| TYPE B | 2 | 40 | 171201 |

AKUSTIK PIPE + SYLOMER®

AMC-MECANOCAUCHO® Akustik Pipes are specially suitable for applications where rigid or flexible pipes must be isolated, both for static and dynamic applications.



| Type | A (mm) | B (mm) | C (mm) | D1 (Min.) | D2 (Max.) | E (mm) | F (mm) | D3 (Max.) | Code |
|--------|--------|--------|--------|-----------|-----------|--------|--------|-----------|-------|
| Type A | 70 | 34,5 | 29 | 15 | 18 | 36 | 15 | 8,5 | 23872 |
| | 70 | 34,5 | 29 | 18 | 18 | 36 | 15 | 8,5 | 23873 |
| | 82 | 42 | 29 | 21,2 | 24,3 | 43 | 15 | 8,5 | 23874 |
| | 70 | 34,5 | 29 | 22 | 22 | 36 | 13 | 8,5 | 23871 |
| | 98 | 51,5 | 29 | 28 | 28 | 48 | 21 | 8,5 | 23876 |
| 98 | 51,5 | 29 | 32 | 32 | 48 | 21 | 8,5 | 23875 | |
| Type B | 59 | 32 | 29 | 18 | - | 38 | 12 | 9 | 23877 |

DIABOLO BUFFERS

APPLICATIONS

As buffers: In any case for limiting a flexible element.

- End of stroke of spring or damper.
- End of stroke of cranes and hoists.
- Setting of fragile material in packings.

| Type | Code | A (mm) | B (mm) | C (mm) | H (mm) | Weight (kg) | Static load max. daN | Dynamic load max. daN | Dynamic deflection mm | Static deflection mm |
|------|--------|--------|--------|--------|--------|-------------|----------------------|-----------------------|-----------------------|----------------------|
| F.3 | 114001 | 30 | 23 | M-8 | 20 | 0,032 | 40 | 90 | 9 | 5 |
| F.7 | 114002 | 44 | 42 | M-8 | 20 | 0,07 | 50 | 100 | 10 | 6 |
| F.1 | 114003 | 60 | 44 | M-8 | 20 | 0,116 | 40 | 100 | 10 | 4 |
| F.2 | 114004 | 60 | 44 | M-8 | 20 | 0,127 | 75 | 200 | 12 | 5,5 |
| F.4 | 114005 | 60 | 60 | M-10 | 25 | 0,213 | 150 | 350 | 15 | 8 |
| F.8 | 114006 | 60 | 31 | M-10 | 25 | 0,135 | 100 | 275 | 14 | 7 |
| F.5 | 114007 | 80 | 65 | M-14 | 35 | 0,508 | 300 | 800 | 16 | 9,5 |
| F.6 | 114008 | 95 | 70 | M-16 | 45 | 0,724 | 400 | 1000 | 18 | 9,5 |

| Type | Code | A (mm) | B (mm) | C (mm) | Weight (kg) | Static load max. daN | Dynamic load max. daN | Dynamic deflection mm | Static deflection mm |
|------|--------|--------|--------|--------|-------------|----------------------|-----------------------|-----------------------|----------------------|
| F.3 | 114011 | 30 | 23 | M-8 | 0,036 | 40 | 90 | 9 | 5 |
| F.7 | 114012 | 44 | 42 | M-8 | 0,066 | 50 | 100 | 10 | 6 |
| F.1 | 114013 | 60 | 44 | M-8 | 0,098 | 40 | 100 | 10 | 4 |
| F.2 | 114014 | 60 | 44 | M-8 | 0,117 | 75 | 200 | 12 | 5,5 |
| F.4 | 114015 | 60 | 60 | M-10 | 0,204 | 150 | 350 | 15 | 8 |
| F.8 | 114016 | 60 | 31 | M-10 | 0,127 | 100 | 275 | 14 | 7 |
| F.5 | 114017 | 80 | 65 | M-14 | 0,445 | 300 | 800 | 16 | 9,5 |
| F.6 | 114018 | 95 | 70 | M-16 | 0,673 | 400 | 1000 | 18 | 9,5 |

CYLINDRICAL BUFFERS

APPLICATIONS

As buffers: In any case for limiting a flexible element.

- End of stroke of spring or damper.
- End of stroke of cranes and hoists.
- Setting of fragile material in packings.



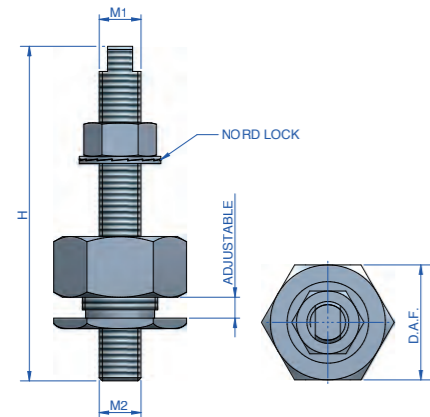
| Type | Code | A (mm) | B (mm) | C (mm) | D (mm) | E (mm) | Load (kg) | Deflection mm | Weight (kg) | Energy (Nm) |
|-------|--------|--------|--------|--------|--------|--------|-----------|---------------|-------------|-------------|
| T-150 | 117001 | 160 | 125 | 185 | 150 | 13,5 | 5000 | 50 | 4,172 | 1250 |
| T-250 | 117002 | 250 | 208 | 315 | 250 | 14,5 | 40000 | 100 | 18 | 12500 |

HEIGHT ADJUSTING SYSTEMS

The height adjusting systems can be used to retrofit current installations. Please take into consideration the following information:

It is recommendable to settle the mountings at least 48hours before the alignment of the engine installation, especially for close coupling tolerances.

The use of high performance glue between the bolt and the mounting is advisable in order to increase the security.



Hi-Sec

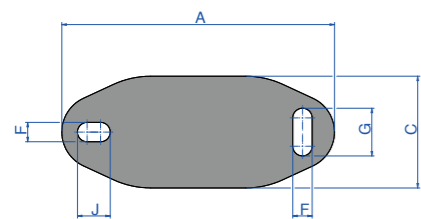
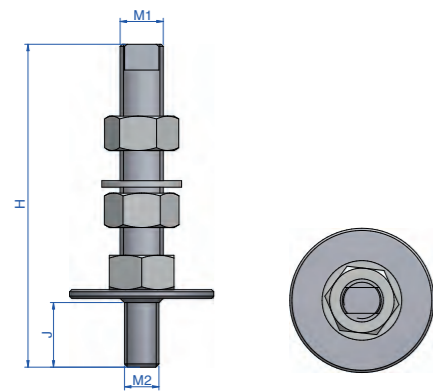
| Type | Code | H (mm) | M1 | M2 | Adjustable (mm) | Machined head | D.A.F. | Weight (gr.) |
|--------|--------|--------|-----|------|-----------------|---------------|--------|--------------|
| HI SEC | 708077 | 110 | M16 | M12 | ± 5 | Y | 46 | 357 |
| | 708007 | 110 | M16 | M16 | ± 5 | Y | 46 | 514 |
| | 708094 | 130 | M20 | M20 | ± 5 | N | 46 | 775 |
| | 708079 | 110 | M20 | M16 | ± 10 | Y | 55 | 1095 |
| | 708029 | 160 | M20 | M20 | ± 10 | Y | 55 | 1011 |
| | 708005 | 160 | M20 | M20 | ± 10 | N | 55 | 1096 |
| 708011 | 200 | M24 | M24 | ± 10 | N | 120 | 2234 | |

Standard height adjusters

| Type | Code | H (mm) | M1 | M2 | J (mm) | Machined head | Weight (gr.) |
|------|--------|--------|-----|-----|--------|---------------|--------------|
| STUD | 708008 | 110 | M16 | M12 | 25 | Y | 215 |
| | 708003 | 110 | M16 | M16 | - | Y | 285 |
| | 708004 | 130 | M20 | M20 | - | N | 475 |
| | 708001 | 100 | M12 | M12 | - | Y | 174 |

Shim

| Type | Code | A (mm) | C (mm) | D (mm) | F (mm) | G (mm) | H (mm) | I (mm) | J (mm) | Weight (kg) |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|-------------|
| SMALL | 136301 | 120 | 60 | 100 | 14 | 11 | 3 | 14 | 11 | - |
| MEDIUM | 136302 | 183 | 75 | 140 | 30 | 13 | 4 | 13 | 22 | - |
| LARGE | 136303 | 228 | 112 | 182 | 34 | 18 | 5 | 18 | 26 | - |

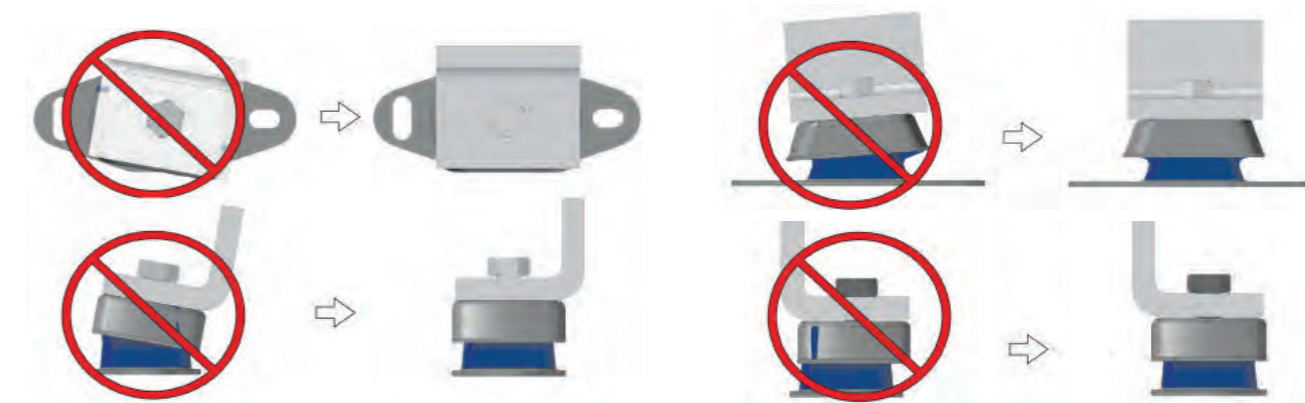


INSTALLATION PRINCIPLES

RECOMMENDATIONS FOR HOOD MOUNTS

The hood mounts should be installed between two parallel and perfectly flat surfaces. Mounts operating tilted or twisted do not work properly. This may be due to incorrect alignment, tolerances in the building of the chassis or over-tightened torque during the installation of the Antivibration mounts.

This applies to our marine-type, BSB, BRB or Mecanodamp mounts.



RECOMMENDATIONS FOR THE CONICAL MOUNTS

The conical mounts should always use the washers indicated for each model.

Similarly, we recommend the use of lateral limiters for cases with high loads or radial impact.

This applies to our AT, SCB, SCH or Mecanocaucho® mounts.



Anti-rebound washers



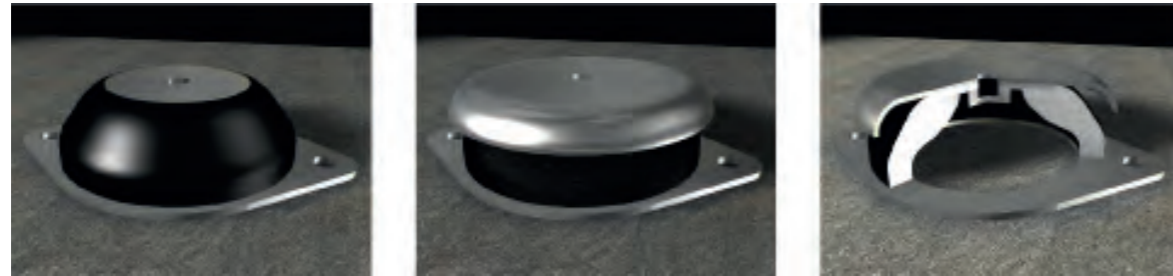
Radial load limiters

RECOMMENDATIONS FOR THE DSD AND DRD MOUNTS

Although it is not absolutely necessary, the hoods should be used in the DSD and DRD hoods. This hood distributes the load evenly in the event of overloads, and also provides protection from possible oil splashes.

Care should be taken to make sure that the protective hood has the same or a greater diameter than that of the diameter of the rubber element.

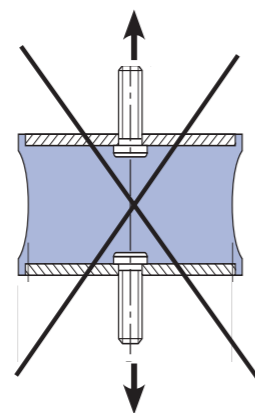
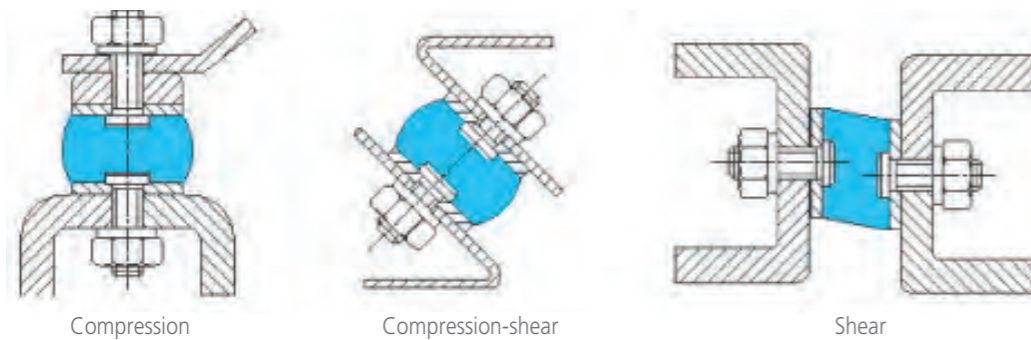
We have a standard range of Mecanocaucho® protection hoods. Check them out.



RECOMMENDATIONS FOR THE CYLINDRICAL MOUNTS

The cylindrical mounts should never work at traction. They should be used on a compression basis. To obtain greater deflection, use them at shear or shear /compression, although the maximum loads indicated in our catalogue for shear use should never be exceeded.

This applies to our bobbins, diablo, trapezoidal or annular mounts.



RECOMMENDATIONS FOR MACHINES THAT REQUIRE ALIGNMENT

When an alignment is required between different mechanical elements of the machine, the creeping effect should be taken into account. The increased deformation produced by the creep of the elastomer leads to a "misalignment" between suspended and rigid elements, particularly during the first 48 hours of static load in the antivibration mounts.

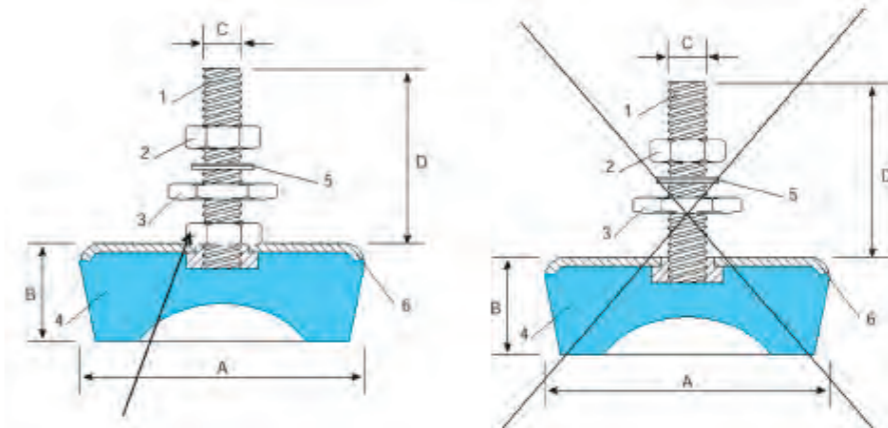
Alignment should therefore be checked 48 hours after the installation of the machine.

If this is not possible contact AMC's technical department and they will help you to ascertain the optimal alignment of your machine.

RECOMMENDATIONS FOR MACHINE MOUNTS WITHOUT ADJUSTABLE HOOD

On installing one of our machine mounts without adjustable hood, great care should be taken to ensure that the load of the machine does not rest on the screw, but on the hood.

This applies to our SV, SM and low SV series mounts.



This nut spreads the load on the bell and avoids tensioning the below welded insert.

RECOMMENDATIONS FOR TORQUE TIGHTENING FOR THE BRB, BSB, MD AND MARINE MOUNTS

Before installing, make sure that the support surfaces are sufficiently rigid flat and totally parallel. The main fixing screw should be tightened according to the torques recommended in the following chart:

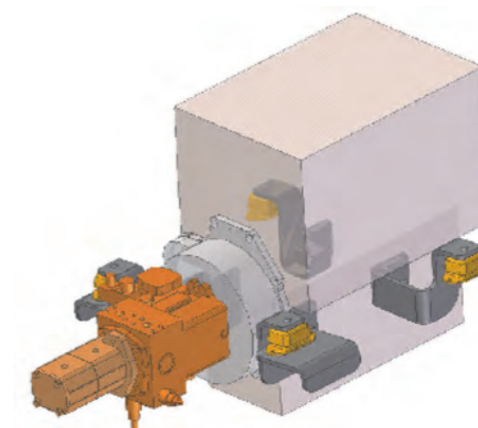
| | M8 | M10 | M12 | M16 | M20 | M24 |
|----------------------|----|-----|-----|-----|-----|-----|
| Tightening torque Nm | 16 | 32 | 55 | 125 | 190 | 285 |

RECOMMENDATIONS FOR THE INSTALLATION OF ANTIVIBRATION MOUNTS

The position of the antivibration mounts determines the vibration modes of the suspended ensemble. An even load distribution over all the mounts is advisable. One easy way of obtaining this is by installing the antivibration mounts equidistant from the CDG of the ensemble.

Mounts installed at the height of the crankshaft provide more stable suspensions and avoid over-movement of the suspended ensemble, particularly in mobile or moving applications.

The external connections to the suspended ensemble, such as cables, exhaust, hydraulic pipes, etc., must be elastic enough to prevent vibrations from being transmitted to the chassis through them.



VIBRATION ISOLATOR PRO ACCELEROMETER

DESCRIPTION

AMC Accelerometer has been developed to work in conjunction with the AMC free of cost app Vibration Isolator Pro for Android and iOS.

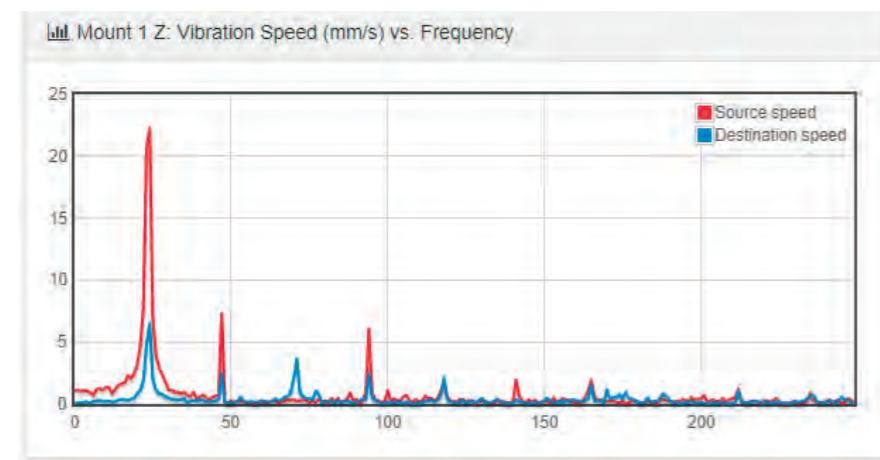
This equipment can provide an immediate vibratory analysis in the frequency domain, by connecting it to an Android or iOS mobile phone or tablet.

The application will guide the user along several steps in order to complete the analysis in an easy way.



SPECIFICATIONS

| | |
|-----------------------------|-----------------|
| Acceleration Range | ± 16g |
| Lower frequency limit | 0Hz |
| Upper frequency limit | 500 Hz |
| Sensor technology | MEMS |
| Output Units | mm/s |
| Sampling rate | 44,1kHz |
| Dimension | 35 x 35 x 15 mm |
| Weight | 50 g |
| Case Material | Aluminium |
| Operating temperature range | -10 .. 50°C |
| Residual Noise density | 300 µg/√Hz rms |
| Temperature coefficient | 0.01%/°C |
| Power consumption | 1.3W |
| Cross Axis sensitivity | 1% |



AVM



Spring vibration dampers

Rubber and steel

BODY AND NO-SLIP COATING

NBR rubber.
Hardness 60 Shore A ±5.

SPRING AND PLATE

Zinc-plated steel.

SPRING CAPS

Aluminium.

FEATURES AND APPLICATIONS

AVM vibration dampers comprise a body and a non-slip coating fixed to the lower part with a zinc-plated screw, and a spring on which two caps with pass-through holes at the ends are fixed.

They are generally used for vibration isolation in compression.

Vibrations can cause:

- malfunctioning and reduction of the machine lifespan and/or of the adjacent ones;
- damage to health;
- noise.

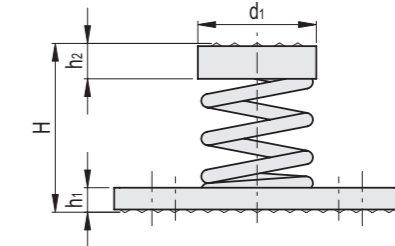
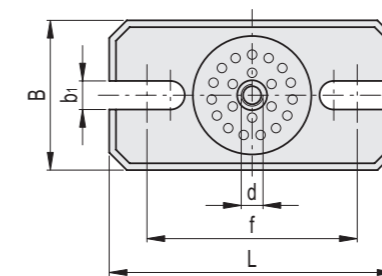
They are particularly suitable for use with HVAC, compressors, refrigeration units, centrifuges, crushers, vibrating screens and generators.

See High performance vibration dampers - Characteristics and selection criteria (on page -).



SPECIAL EXECUTIONS ON REQUEST

- Spring vibration dampers with pins or threaded holes without a baseplate.
- Spring vibration dampers with two plates.
- Spring vibration dampers with one or two plates and pins for transport.



| Code | Description | B | L | H | d | d1 | b1 | h1 | h2 | f _{s5} * | Min. load [N] | Max. load [N] | Min. deflection [mm] | Max. deflection [mm] | ⚖️ |
|--------|-------------|----|-----|----|----|------|------|----|----|-------------------|---------------|---------------|----------------------|----------------------|-----|
| 480121 | AVM-50-13 | 55 | 105 | 62 | M8 | 43.5 | 10.5 | 9 | 13 | 75 | 50 | 130 | 5 | 15 | 360 |
| 480123 | AVM-50-25 | 55 | 105 | 62 | M8 | 43.5 | 10.5 | 9 | 13 | 75 | 80 | 250 | 5 | 15 | 370 |
| 480125 | AVM-50-35 | 55 | 105 | 62 | M8 | 43.5 | 10.5 | 9 | 13 | 75 | 120 | 350 | 5 | 15 | 380 |
| 480127 | AVM-50-50 | 55 | 105 | 62 | M8 | 43.5 | 10.5 | 9 | 13 | 75 | 180 | 500 | 5 | 15 | 400 |
| 480129 | AVM-50-80 | 55 | 105 | 62 | M8 | 43.5 | 10.5 | 9 | 13 | 75 | 270 | 800 | 5 | 15 | 380 |
| 480131 | AVM-50-115 | 55 | 105 | 62 | M8 | 43.5 | 10.5 | 9 | 13 | 75 | 400 | 1150 | 5 | 15 | 430 |
| 480133 | AVM-50-135 | 55 | 105 | 62 | M8 | 43.5 | 10.5 | 9 | 13 | 75 | 450 | 1350 | 5 | 15 | 420 |
| 480135 | AVM-50-155 | 55 | 105 | 62 | M8 | 43.5 | 10.5 | 9 | 13 | 75 | 600 | 1550 | 5 | 13 | 450 |
| 480137 | AVM-50-200 | 55 | 105 | 62 | M8 | 48 | 10.5 | 9 | 18 | 75 | 850 | 2000 | 5 | 12 | 470 |
| 480141 | AVM-80-15 | 55 | 105 | 92 | M8 | 43.5 | 10.5 | 9 | 13 | 75 | 80 | 150 | 10 | 20 | 360 |
| 480143 | AVM-80-35 | 55 | 105 | 92 | M8 | 43.5 | 10.5 | 9 | 13 | 75 | 150 | 350 | 10 | 20 | 370 |
| 480145 | AVM-80-55 | 55 | 105 | 92 | M8 | 43.5 | 10.5 | 9 | 13 | 75 | 270 | 550 | 10 | 20 | 380 |
| 480147 | AVM-80-80 | 55 | 105 | 92 | M8 | 43.5 | 10.5 | 9 | 13 | 75 | 400 | 800 | 10 | 20 | 400 |
| 480149 | AVM-80-100 | 55 | 105 | 92 | M8 | 43.5 | 10.5 | 9 | 13 | 75 | 500 | 1000 | 10 | 20 | 490 |
| 480151 | AVM-80-140 | 55 | 105 | 92 | M8 | 43.5 | 10.5 | 9 | 13 | 75 | 700 | 1400 | 10 | 20 | 450 |
| 480153 | AVM-80-175 | 55 | 105 | 92 | M8 | 43.5 | 10.5 | 9 | 13 | 75 | 900 | 1750 | 10 | 20 | 490 |
| 480155 | AVM-80-215 | 55 | 105 | 92 | M8 | 48 | 10.5 | 9 | 18 | 75 | 1050 | 2150 | 10 | 20 | 530 |
| 480157 | AVM-80-350 | 55 | 105 | 92 | M8 | 48 | 10.5 | 9 | 18 | 75 | 1750 | 3500 | 10 | 20 | 610 |
| 480159 | AVM-80-510 | 55 | 105 | 92 | M8 | 48 | 10.5 | 9 | 18 | 75 | 3400 | 5100 | 10 | 15 | 650 |

* Fixing holes centre distance.

The min. load is the value below which the vibration damper is not able to isolate the vibrations as it would be too rigid.

The max load is the value beyond which some type of failure may occur compromising the functionality of the vibration damper.

The min.deflection is the compression of the vibration-damping support corresponding to the min. load.

The max.deflection is the compression of the vibration-damping support corresponding to the max. load.

Wire rope vibration damper

Stainless steel

CABLE, BARS AND SCREWS

AISI 316 stainless steel.

STANDARD EXECUTIONS

Threaded pass-through holes.

- **AVC-4**: the cable extends for four loops.
- **AVC-6**: the cable extends for six loops.
- **AVC-8**: the cable extends for eight loops.

FEATURES AND APPLICATIONS

AVC wire rope vibration dampers are composed of two pairs of bars, joined together by a connecting cable with a helical winding (loop). They are generally used for isolating vibrations and shock absorption, where resistance to tension, compression and shear force is required. Vibrations can cause:

- malfunctioning and reduction of the machine lifespan and/or of the adjacent ones;
- damage to health;
- noise.

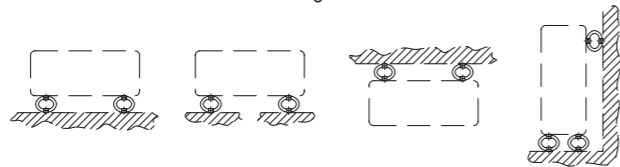
They are particularly suitable for use with HVAC, pumps, purification and desalination plants, instrumentation panels, rail, naval and military industry. Some examples of application are shown in Fig.1. See High performance vibration dampers - Characteristics and selection criteria (on page -).

SPECIAL EXECUTIONS ON REQUEST

- Wire rope vibration dampers with AISI 304 stainless steel bars.
- Wire rope vibration dampers with aluminium bars with chromic passivation.

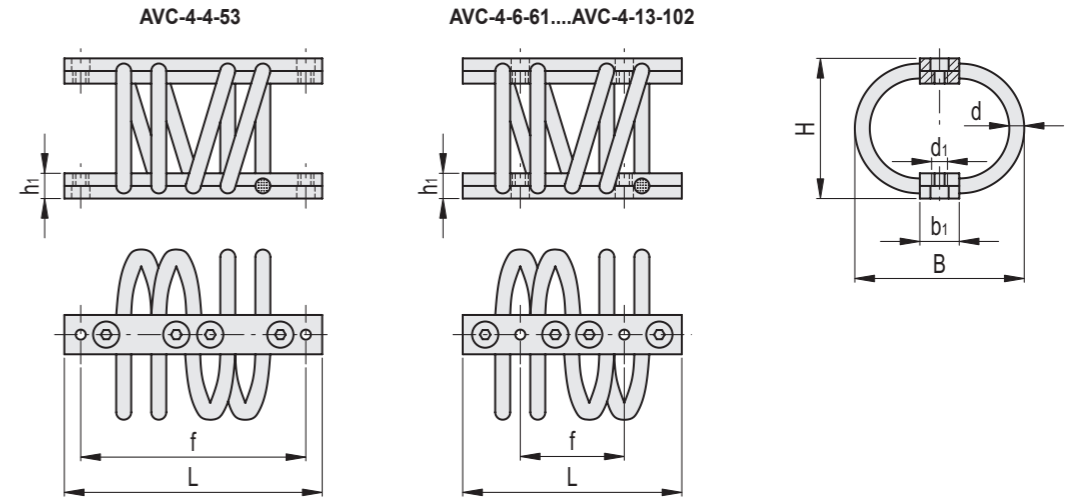


Fig.1



| Description | Compression resistance | | | | Axial holding force | | | | Shear resistance | | | |
|--------------|------------------------|--------------|---------------------|---------------------|---------------------|--------------|---------------------|----------------------|------------------|--------------|---------------------|----------------------|
| | Min load [N] | Max load [N] | Min deflection [mm] | Max deflection [mm] | Min load [N] | Max load [N] | Min deflection [mm] | Max. deflection [mm] | Min load [N] | Max load [N] | Min deflection [mm] | Max. deflection [mm] |
| AVC-4-4-53 | 50 | 110 | 2 | 5 | 50 | 110 | 1 | 3 | 20 | 40 | 5 | 10 |
| AVC-4-6-61 | 200 | 300 | 2 | 4 | 200 | 300 | 2 | 3 | 70 | 150 | 3 | 7 |
| AVC-4-6-93 | 70 | 140 | 2 | 7 | 70 | 140 | 3 | 6 | 30 | 70 | 5 | 13 |
| AVC-4-7-110 | 80 | 180 | 2 | 9 | 80 | 180 | 2 | 8 | 30 | 90 | 5 | 17 |
| AVC-4-10-80 | 850 | 1500 | 2 | 5 | 850 | 1500 | 1 | 3 | 400 | 900 | 4 | 11 |
| AVC-4-10-108 | 300 | 630 | 2 | 7 | 300 | 630 | 2 | 6 | 150 | 300 | 5 | 14 |
| AVC-4-13-102 | 1000 | 2500 | 2 | 8 | 1000 | 2500 | 2 | 5 | 500 | 1000 | 5 | 13 |
| AVC-6-7-82 | 200 | 450 | 2 | 6 | 200 | 450 | 2 | 5 | 100 | 230 | 3 | 11 |
| AVC-6-8-67 | 600 | 1000 | 2 | 4 | 600 | 1000 | 2 | 3 | 300 | 600 | 3 | 8 |
| AVC-6-10-80 | 1500 | 2500 | 2 | 5 | 1500 | 2500 | 1 | 3 | 750 | 1400 | 5 | 11 |
| AVC-6-13-135 | 850 | 1500 | 4 | 11 | 850 | 1500 | 4 | 11 | 300 | 800 | 6 | 21 |
| AVC-8-13-120 | 1500 | 3000 | 4 | 11 | 1500 | 3000 | 3 | 7 | 600 | 1500 | 7 | 19 |

The min. load is the value below which the vibration damper is not able to isolate the vibrations as it would be too rigid.
 The max load is the value beyond which some type of failure may occur compromising the functionality of the vibration damper.
 The min.deflection is the compression of the vibration-damping support corresponding to the min. load.
 The max.deflection is the compression of the vibration-damping support corresponding to the max. load.

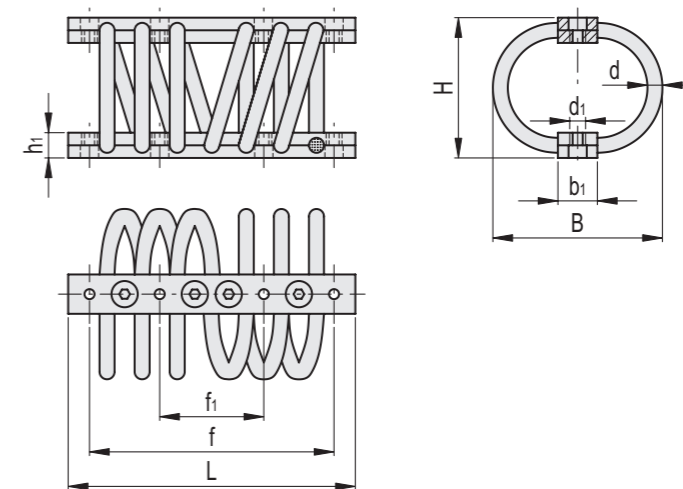


AVC-4

STAINLESS STEEL

| Code | Description | B | L | H | d | d1 | b1 | h1 | f | ⚖ |
|--------|--------------|--------|-----|-------|----|----|----|----|----|------|
| 480001 | AVC-4-4-53 | 53 ±3 | 71 | 45 ±3 | 4 | M6 | 15 | 8 | 61 | 180 |
| 480003 | AVC-4-6-61 | 61 ±3 | 91 | 51 ±3 | 6 | M6 | 15 | 12 | 46 | 370 |
| 480005 | AVC-4-6-93 | 90 ±4 | 91 | 65 ±4 | 6 | M6 | 15 | 12 | 46 | 420 |
| 480007 | AVC-4-7-110 | 110 ±4 | 91 | 79 ±4 | 7 | M6 | 15 | 12 | 46 | 500 |
| 480009 | AVC-4-10-80 | 80 ±4 | 155 | 68 ±4 | 10 | M8 | 25 | 16 | 83 | 1280 |
| 480011 | AVC-4-10-108 | 108 ±4 | 155 | 89 ±4 | 10 | M8 | 25 | 16 | 83 | 1430 |
| 480013 | AVC-4-13-102 | 101 ±4 | 155 | 80 ±4 | 13 | M8 | 25 | 20 | 83 | 1760 |

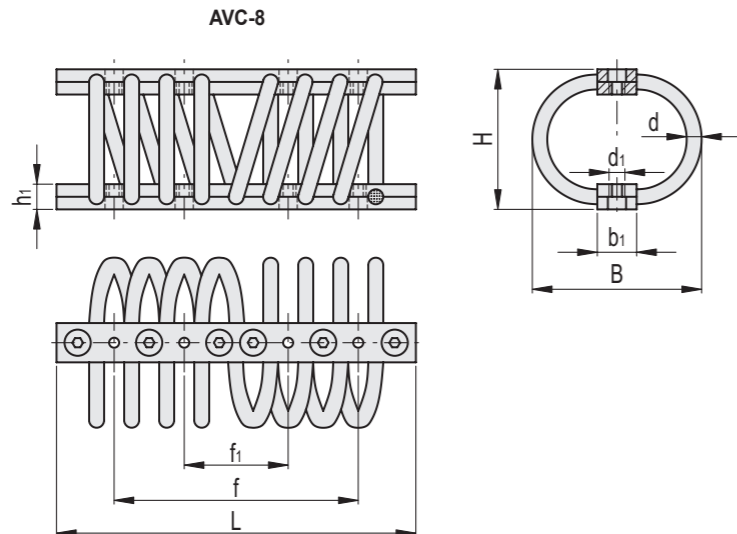
AVC-6



AVC-6

STAINLESS STEEL

| Code | Description | B | L | H | d | d1 | b1 | h1 | f | f1 | ⚖ |
|--------|--------------|--------|-----|--------|----|----|----|----|-------|------|------|
| 480021 | AVC-6-7-82 | 82 ±4 | 200 | 60 ±4 | 7 | M6 | 15 | 12 | 155 | 66 | 870 |
| 480023 | AVC-6-8-67 | 67 ±4 | 200 | 53 ±4 | 8 | M6 | 15 | 12 | 155 | 66 | 870 |
| 480025 | AVC-6-10-80 | 80 ±4 | 169 | 68 ±4 | 10 | M6 | 25 | 16 | 155 | 66 | 1490 |
| 480027 | AVC-6-13-135 | 135 ±5 | 178 | 110 ±5 | 13 | M8 | 25 | 20 | 155,5 | 66,6 | 2610 |



AVC-8

STAINLESS STEEL

| Code | Description | B | L | H | d | d1 | b1 | h1 | f | f1 | ⚖️ |
|--------|--------------|--------|-----|-------|----|----|----|----|----|-----|------|
| 480029 | AVC-8-13-120 | 118 ±4 | 222 | 95 ±4 | 13 | M6 | 25 | 20 | 66 | 155 | 3040 |

Flange vibration dampers

(double acting), rubber, aluminium and steel

FLANGE BODY

Aluminium painted with nitrocellulose-based enamel in blue colour RAL 5010.

THREADED BOSS

Black coated steel.

VIBRATION-DAMPER BODY

NBR rubber.
Hardness 30, 50, 60 Shore A ±5.

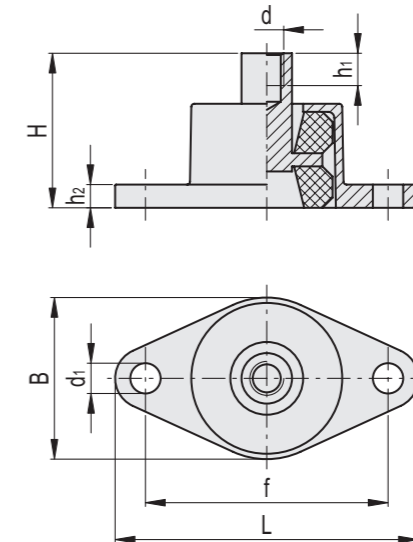
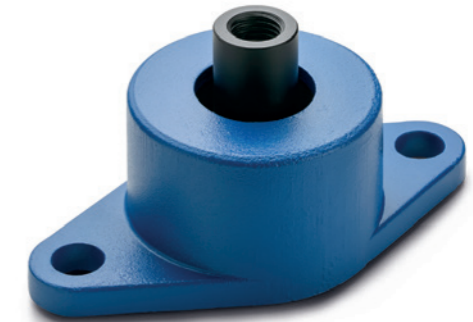
FEATURES AND APPLICATIONS

They are generally used for isolating strong vibrations, where resistance to tension and compression is required.

Vibrations can cause:

- malfunctioning and reduction of the machine lifespan and/or of the adjacent ones;
- damage to health;
- noise.

They are particularly suitable for use with machine tools, presses for moulding plastic materials, special machines and shock absorption. See High performance vibration dampers - Characteristics and selection criteria (on page -).



| Code | Description | B | L | H | d | d1 | h1 | h2 | f | Min. load [N] | Max. load [N] | Min. deflection [mm] | Max. deflection [mm] | Shore A | ⚖️ |
|--------|-------------|----|-----|----|-----|----|----|----|-----|---------------|---------------|----------------------|----------------------|---------|-----|
| 480181 | AVG-30 | 80 | 150 | 75 | M16 | 15 | 16 | 10 | 120 | 700 | 2700 | 3 | 6.5 | 30 | 650 |
| 480183 | AVG-50 | 80 | 150 | 75 | M16 | 15 | 16 | 10 | 120 | 1200 | 4500 | 3 | 6.5 | 50 | 650 |
| 480185 | AVG-60 | 80 | 150 | 75 | M16 | 15 | 16 | 10 | 120 | 1400 | 6000 | 3 | 6.5 | 60 | 650 |

The min. load is the value below which the vibration damper is not able to isolate the vibrations as it would be too rigid.

The max load is the value beyond which some type of failure may occur compromising the functionality of the vibration damper.

The min.deflection is the compression of the vibration-damping support corresponding to the min. load.

The max.deflection is the compression of the vibration-damping support corresponding to the max. load.

Vibration-damping elements

for wall or ceiling mounting, rubber and steel

OVAL MOUNTING FLANGE AND TAPPED BOSS

Zinc-plated steel.

VIBRATION-DAMPING BODY

Natural rubber NR, black colour.
Hardness 40 and 60 Shore A \pm 5.

FEATURES AND APPLICATIONS

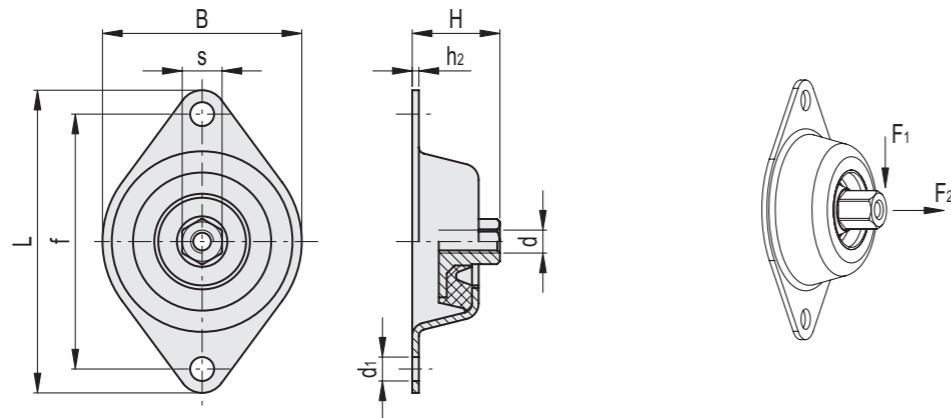
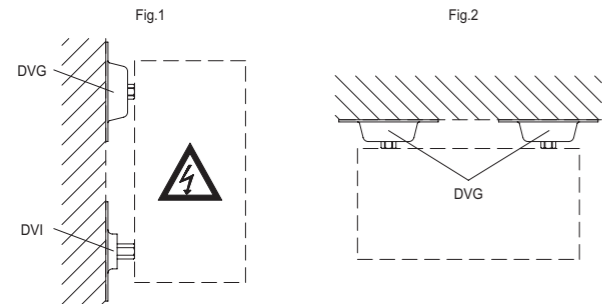
DVG vibration-damping elements are generally used in combination with DVI vibration-damping elements to protect the electrical panel from surrounding vibrations (Fig.1).

Particularly suitable for the support of fans or other wall mounted vibrating equipment.

They can be used to support tubes or ceiling mounted equipment (Fig.2).

SPECIAL EXECUTIONS ON REQUEST

NR natural rubber executions with different hardness.



| Code | Description | B | L | H | d | d1 | h2 | s | f | F1 [N] | F2 [N] | Δ |
|--------|-------------|----|-----|----|----|----|-----|----|----|--------|--------|----------|
| 436001 | DVG-M8-A-40 | 75 | 114 | 33 | M8 | 9 | 2.5 | 15 | 96 | 140 | 300 | 213 |
| 436006 | DVG-M8-A-60 | 75 | 114 | 33 | M8 | 9 | 2.5 | 15 | 96 | 250 | 700 | 213 |

Vibration-damping elements

for wall mounting, rubber and steel

OVAL MOUNTING FLANGE AND TAPPED BOSS

Zinc-plated steel.

VIBRATION-DAMPING BODY

Natural rubber NR, black colour.
Hardness 40 and 60 Shore A \pm 5.

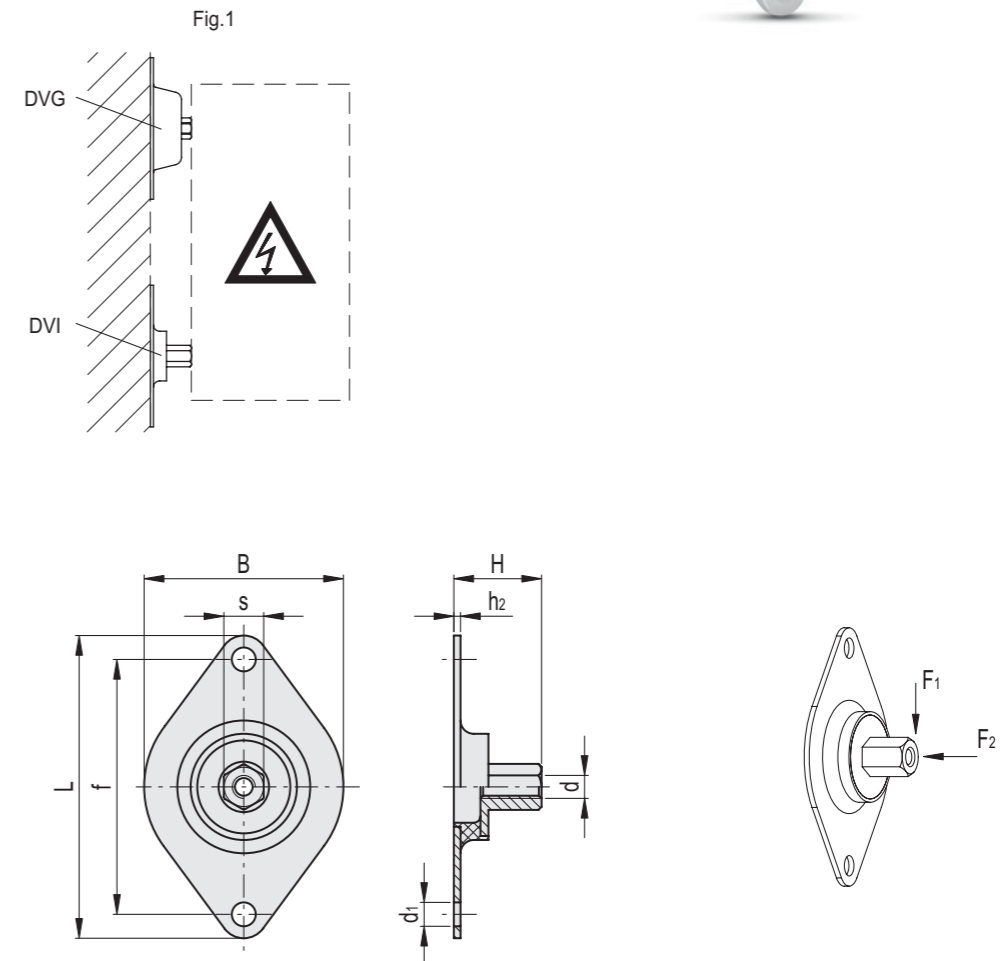
FEATURES AND APPLICATIONS

DVI vibration-damping elements are generally used in combination with DVG vibration-damping elements to protect the electrical panel from surrounding vibrations (Fig.1).

Particularly suitable for the support of fans or other wall mounted vibrating equipment.

SPECIAL EXECUTIONS ON REQUEST

NR natural rubber executions with different hardness.



| Code | Description | B | L | H | d | d1 | h2 | s | f | F1 [N] | F2 [N] | Δ |
|--------|-------------|----|-----|----|----|----|-----|----|----|--------|--------|----------|
| 436051 | DVI-M8-A-40 | 75 | 114 | 33 | M8 | 9 | 2.5 | 15 | 96 | 14 | 30 | 147 |
| 436056 | DVI-M8-A-60 | 75 | 114 | 33 | M8 | 9 | 2.5 | 15 | 96 | 25 | 70 | 147 |