**PER SCEGLIERE IL SUPPORTO ANTIVIBRANTE CORRETTO BISOGNA CONOSCERE:**

1. PESO STATICO della macchina e NUMERO DEI PUNTI DI APPOGGIO con rispettivo carico gravante.
2. FREQUENZA ECCITANTE determinata dal corpo rotante con r.p.m. più bassa.
3. LUOGO D'INSTALLAZIONE: se la macchina viene installata in una zona sismica, in copertura, se è soggetta alle forze del vento o in una zona con elevata presenza di nebbie saline o altri agenti aggressivi.
4. TEMPERATURA D'IMPIEGO: bisogna tenere in considerazione le temperature alle quali saranno soggetti i supporti antivibranti.

***TO CHOOSE THE CORRECT ANTI-VIBRATION MOUNT, YOU MUST KNOW:***

1. *The STATIC WEIGHT of the machine and the NUMBER OF SUPPORT POINTS with their respective loads;*
2. *The EXCITATION FREQUENCY determined by the rotating body at the lowest r.p.m.*
3. *INSTALLATION SITE: if the machine is installed in a seismic area, on the roof, if it is subject to wind forces or in an area with high presence of saline mists or other aggressive agents.*
4. *WORKING TEMPERATURE: the temperatures to which the anti-vibration mounts will be subject must be taken into consideration.*

**L'INSTALLAZIONE É CORRETTA QUANDO TUTTI I SUPPORTI INSTALLATI PRESENTANO LA STESSA FRECCIA ELASTICA.**

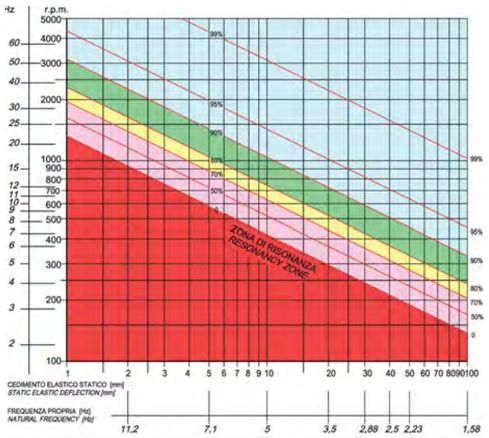
Se le basi di appoggio dei diversi supporti antivibranti non sono tra loro a livello, è necessario compensare tale mancanza utilizzando appositi registri (MARTINETTI).

***THE INSTALLATION IS CORRECT WHEN ALL THE INSTALLED MOUNTS HAVE THE SAME ELASTIC DEFLECTION.***

*If the support bases of the different anti-vibration mounts are not among them at level, it is necessary to compensate for this lack using special registers (JACKS).*

**FREQUENZA** *FREQUENCY*

**NOMOGRAMMA** *NOMOGRAPH*




Il diagramma degli isolamenti, riassume graficamente, le relazioni intercorrenti tra la freccia elastica espressa in mm, il regime vibrante in r.p.m. o i cicli/mm e il grado di isolamento espresso in %.

*The insulation diagram shows graphically the ratios between the elastic deflections in mm, the vibration speed in r.p.m. or cycles/mm and the degree of insulation as a %.*

- ottima *very good*
- buona *good*
- discreta *fair*
- sufficiente *sufficient*
- zona di risonanza *resonant zone*



**SMORZATORI IN ELASTOMERO**

Idonei per isolare le ALTE frequenze generate da macchine come generatori, trasformatori e unità trattamento aria.

L'ELASTOMERO TERMOPLASTICO di cui sono composti è adatto per temperature di impiego da -45°C a +110°C per il 35, 45 e 70 ShA e da -55°C a +135°C per il 60 ShA.

Identificazione visiva della durezza dal colore dello smorzatore.

***ELASTOMERIC DAMPERS***

*Suitable for isolating the HIGH frequencies generated by machines such as generators, transformers and air handling units.*

*Made in THERMOPLASTIC ELASTOMER which resists from -45°C to +110°C for 35, 45 and 70 ShA and from -55°C to + 135°C for 60 ShA.*

*Visual identification of the hardness by the color of the damper.*


# SERIE MNT - MNTV
## *MNT - MNTV SERIES*

### CARATTERISTICHE COSTRUTTIVE

- La placca superiore è realizzata con disco in acciaio UNI EN 10111 DD13, zincato secondo UNI ISO 2081 Fe/Zn 12c1A, rivestito in elastomero termoplastico con foro filettato M8 o M10 per la serie MNT e una vite M8 o M10 per la serie MNTV.
- L'elastomero termoplastico è adatto per temperature di impiego da -45°C a +110°C per il 45 e 70 ShA e da -55°C a +135°C per il 60 ShA. Inoltre presenta una elevata resistenza all'invecchiamento, alle sostanze inquinanti, agli idrocarburi, nebbie saline, raggi UV e detergenti ed è composto da materiale riciclabile.
- Le superfici di contatto della placca superiore e del corpo base presentano rilievi deformabili che consentono all'antivibrante caricato di stazionare per attrito e ridurre la trasmissione del rumore.

### *MANUFACTURING CHARACTERISTICS*

- *The upper plate is made with UNI EN 10111 DD13 steel disc, galvanized according to UNI ISO 2081 Fe / Zn 12c1A, covered in thermoplastic elastomer with M8 or M10 threaded hole for the MNT series and an M8 or M10 screw for the MNTV series.*
- *The thermoplastic elastomer, used to produce the plate and the base, is ideal for use in temperatures ranging from -45°C to +110°C for the 35, 45 and 70 ShA and from -55°C to +135°C for the 60 ShA. Furthermore, it has a high resistance to ageing, pollutants, hydrocarbons, salt mist, UV rays and detergents and it's made by recyclable material.*
- *The surface of the plate and the base has slip-proof, flexible embossing which allow the charged anti-vibration mount to stand by friction and at the same time reduce the transmission of noise.*

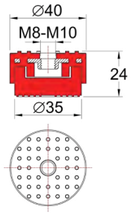
### A RICHIESTA

- Realizzazione in elastomero autoestinguente come da normativa UL94-V0.

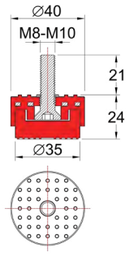
### *ON REQUEST*

- *Self-extinguishing elastomer construction as per UL94-V0 standard.*

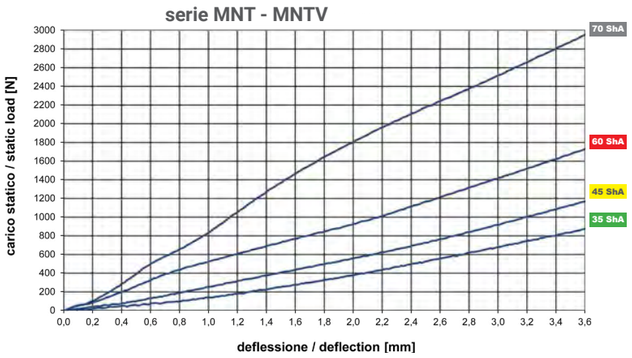
### MNT




### MNTV




| CODE | MAX. LOAD (daN) 35 ShA | 45 ShA | 60 ShA | 70 ShA | DEFLECTION (mm) |
|---|---|---|---|---|---|
| MNTM084025 | 60 | 110 | 150 | 200 | 3.0 |
| MNTM08V204025 | 60 | 110 | 150 | 200 | 3.0 |






# SERIE SEG
## *SEG SERIES*

### CARATTERISTICHE COSTRUTTIVE

- Placca ellittica realizzata con disco e piastra in acciaio UNI EN 10111 DD13 zincati secondo ISO 2081 Fe/Zn 12c1A, rivestito in elastomero mediante stampaggio ad iniezione.
- La base presenta rilievi antiscivolo e fori asolati per l'ancoraggio a terra.
- L'elastomero termoplastico è adatto per temperature di impiego da -45°C a +110°C per il 45 e 70 ShA e da -55°C a +135°C per il 60 ShA. Inoltre presenta una elevata resistenza all'invecchiamento, alle sostanze inquinanti, agli idrocarburi, nebbie saline, raggi UV e detergenti ed è composto da materiale riciclabile.

### A RICHIESTA

- Realizzazione in elastomero autoestinguente come da normativa UL94-V0.

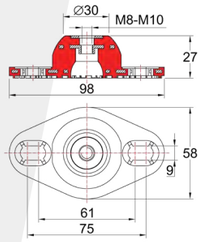
### *MANUFACTURING CHARACTERISTICS*

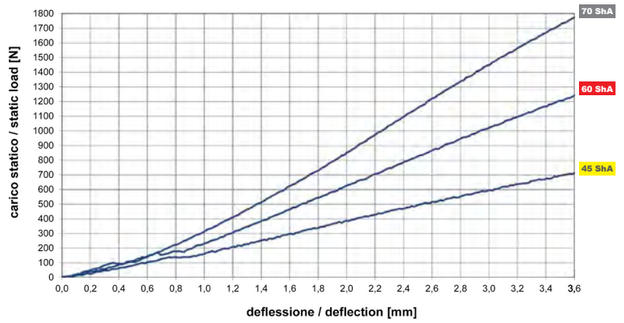
- *Elliptical plate made with UNI EN 10111 DD13 steel plate and disc galvanized according to ISO 2081 Fe / Zn 12c1A, coated with elastomer by injection molding.*
- *The base has slip-proof flexible embossing and slotted holes for anchoring to the ground.*
- *The thermoplastic elastomer is ideal for use in temperatures ranging from -45°C to +110°C for the 35, 45 and 70 ShA and from -55°C to +135°C for the 60 ShA. Furthermore, it has a high resistance to ageing, pollutants, hydrocarbons, salt mist, UV rays and detergents and it's made by recyclable material.*

### *ON REQUEST*

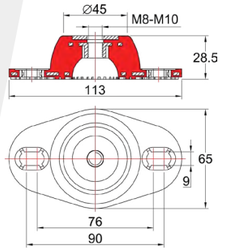
- *Self-extinguishing elastomer construction as per UL94-V0 standard.*

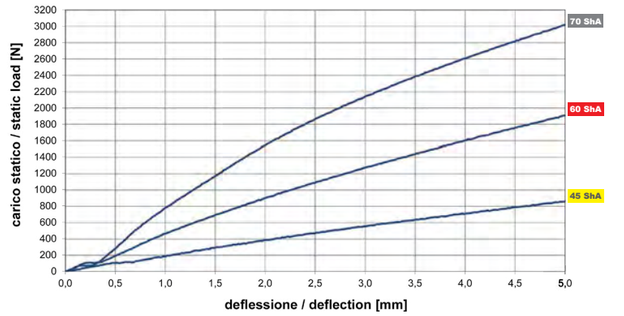
### SEG9525




### SEG11030




| CODE | MAX. LOAD (daN) 45 ShA | 60 ShA | 70 ShA | DEFLECTION (mm) |
|---|---|---|---|---|
| SEG9525M08 | 70 | 120 | 180 | 3.5 |
| SEG9525M10 | 70 | 120 | 180 | 3.5 |
| SEG11030M08 | 90 | 190 | 300 | 5.0 |
| SEG11030M10 | 90 | 190 | 300 | 5.0 |

# SERIE NOCE
## *NOCE SERIES*

### CARATTERISTICHE COSTRUTTIVE

- 2 placche formate da dischi in acciaio UNI EN 10111 DD13, zincati secondo UNI ISO 2081 Fe/Zn 12c1A, rivestiti in elastomero termoplastico. Le placche contengono all'interno un corpo smorzatore in elastomero.
- L'elastomero termoplastico, utilizzato per produrre le placche e l'elemento elastico interno, è adatto per temperature di impiego da -45°C a +110°C per il 35, 45 e 70 ShA e da -55°C a +135°C per il 60 ShA. Inoltre presenta una elevata resistenza all'invecchiamento, alle sostanze inquinanti, agli idrocarburi, nebbie saline, raggi UV e detergenti ed è composto da materiale riciclabile.
- Dotati di vite e/o foro filettato per l'ancoraggio alla macchina e alla base di appoggio.
- Le superfici delle placche presentano rilievi deformabili che consentono all'antivibrante caricato di stazionare per attrito e di ridurre la trasmissione del rumore.
- Può essere fornito in 3 diverse grandezze: 40x40 mm, 60x50 mm e 75x60 mm e nelle combinazioni, dado-dado (DD), vite-dado (VD) o vite-vite (VV) a seconda delle necessità di ancoraggio.

### *MANUFACTURING CHARACTERISTICS*

- *2 plates made of UNI EN 10111 DD13 steel discs, galvanized according to UNI ISO 2081 Fe / Zn 12c1A, coated in thermoplastic elastomer. The plates contain an elastomer damper body inside.*
- *The thermoplastic elastomer is ideal for use in temperatures ranging from -45°C to +110°C for the 35, 45 and 70 ShA and from -55°C to +135°C for the 60 ShA. Furthermore, it has a high resistance to ageing, pollutants, hydrocarbons, salt mist, UV rays and detergents and it's made by recyclable material.*
- *Equipped with screw and/or threaded hole for anchoring to the machine and the support base.*
- *The surfaces of the plate and the base have slip-proof, flexible embossing which allows the charged anti-vibration mount to stand by friction and at the same time reduce the transmission of noise.*
- *Can be supplied in 3 different dimensions: 40x40 mm, 60x50 mm and 75x60 mm and also in 3 different combinations depending on anchorage needs: nut-nut (DD), screw-nut (VD) or screw-screw (VV).*

### A RICHIESTA

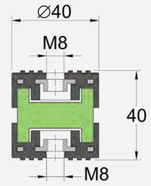
- Altezze delle viti speciali su richiesta;
- Realizzazione in elastomero autoestinguente come da normativa UL94-V0.

### *ON REQUEST*

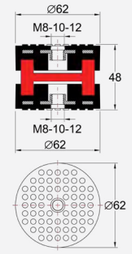
- *Special heights of the screw on request;*
- *Self-extinguishing elastomer construction as per UL94-V0 standard.*



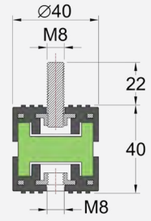
**NOCEDD4040**



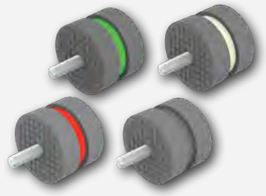

**NOCEDD6050**

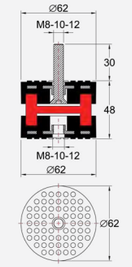



**NOCEVD4040**

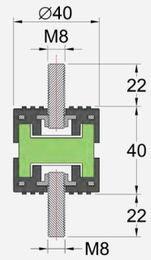



**NOCEVD6050**

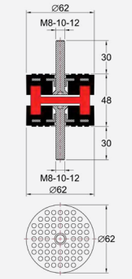


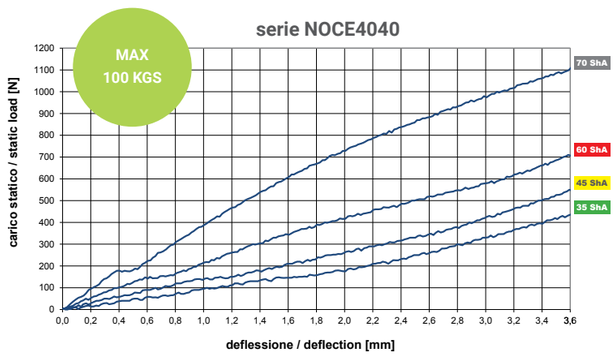


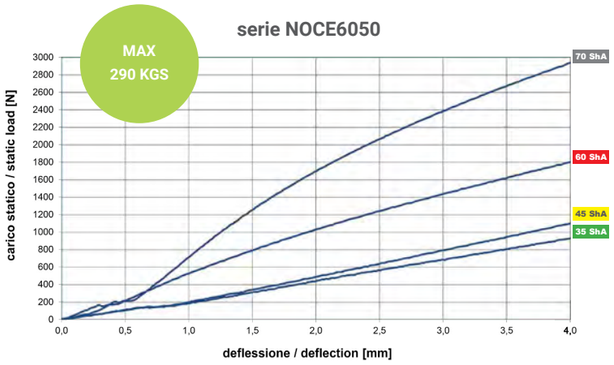

**NOCEVV4040**




**NOCEVV6050**




| CODE | MAX. LOAD (daN) 35 ShA | 45 ShA | 60 ShA | 70 ShA | DEFLECTION (mm) |
|---|---|---|---|---|---|
| NOCEDD4040M08 | 40 | 55 | 70 | 100 | 3.5 |
| NOCEVD4040M08x22 | 40 | 55 | 70 | 100 | 3.5 |
| NOCEVV4040M08x22 | 40 | 55 | 70 | 100 | 3.5 |

| CODE | MAX. LOAD (daN) 35 ShA | 45 ShA | 60 ShA | 70 ShA | DEFLECTION (mm) |
|---|---|---|---|---|---|
| NOCEDD6050 | 90 | 110 | 180 | 290 | 4.0 |
| NOCEVD6050 | 90 | 110 | 180 | 290 | 4.0 |
| NOCEVV6050 | 90 | 110 | 180 | 290 | 4.0 |

# SERIE PNOCE
## *PNOCE SERIES*

### CARATTERISTICHE COSTRUTTIVE

- 2 placche formate da dischi in acciaio UNI EN 10111 DD13, zincati secondo UNI ISO 2081 Fe/Zn 12c1A, rivestiti in elastomero termoplastico. Le placche contengono all'interno un corpo smorzatore in elastomero.
- L'elastomero termoplastico, utilizzato per produrre le placche e l'elemento elastico interno, è adatto per temperature di impiego da -45°C a +110°C per il 35, 45 e 70 ShA e da -55°C a +135°C per il 60 ShA. Inoltre presenta una elevata resistenza all'invecchiamento, alle sostanze inquinanti, agli idrocarburi, nebbie saline, raggi UV e detergenti ed è composto da materiale riciclabile.
- Dotati di vite e/o foro filettato per l'ancoraggio alla macchina e alla base di appoggio.
- Piastra base in acciaio UNI EN 10111 DD13, zincata secondo UNI ISO 2081 Fe/Zn 12c1A, dotata di 2 sedi per l'ancoraggio verso terra dell'antivibrante.
- La superficie delle placche e il cuscinetto in elastomero applicato sotto alla piastra, presentano rilievi deformabili che consentono all'antivibrante caricato di stazionare per attrito e di ridurre la trasmissione del rumore.
- Può essere fornito in 3 diverse grandezze: 40x40 mm, 60x50 mm e 75x60 mm e nelle combinazioni, piastra-dado (D) e piastra-vite (V) a seconda delle necessità di ancoraggio.

### A RICHIESTA

- Altezze delle viti speciali su richiesta;
- Realizzazione in elastomero autoestinguente come da normativa UL94-V0.

### *MANUFACTURING CHARACTERISTICS*

- *2 plates made of UNI EN 10111 DD13 steel discs, galvanized according to UNI ISO 2081 Fe / Zn 12c1A, coated in thermoplastic elastomer. The plates contain an elastomer damper body inside.*
- *The thermoplastic elastomer is ideal for use in temperatures ranging from -45°C to +110°C for the 35, 45 and 70 ShA and from -55°C to +135°C for the 60 ShA. Furthermore, it has a high resistance to ageing, pollutants, hydrocarbons, salt mist, UV rays and detergents and it's made by recyclable material.*
- *Equipped with screw and/or threaded hole for anchoring to the machine and the support base.*
- *Steel base plate UNI EN 10111 DD13, galvanized according to UNI ISO 2081 Fe/Zn 12c1A, with 2 cavities for anchoring the mount to the ground.*
- *The surface of the plates and the bearing applied under the plate present slip-proof, flexible embossing which allow the charged anti-vibration mount to stand by friction and at the same time reduce the transmission of noise.*
- *Can be supplied in 3 different dimensions: 40x40 mm, 60x50 mm and 75x60 mm and also in 2 different combinations depending on anchorage needs: plate-nut (D) and plate-screw (V).*

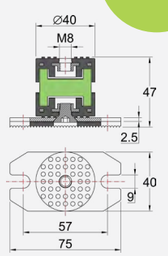
### *ON REQUEST*

- *Special heights of the screw on request;*
- *Self-extinguishing elastomer construction as per UL94-V0 standard.*

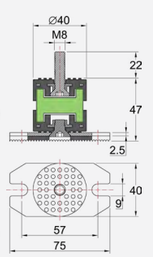


MAX
100 KGS

**PNOCE4040D**

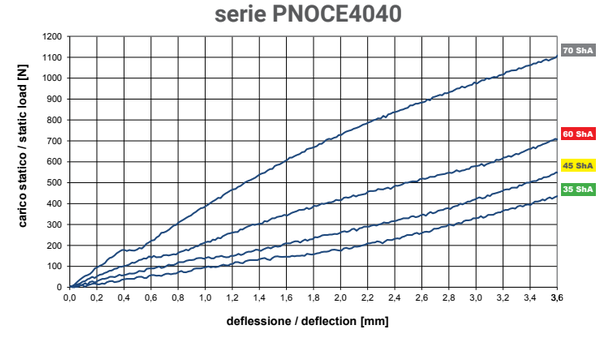



**PNOCE4040V**



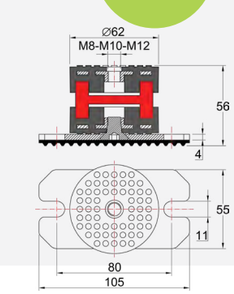

| CODE | MAX. LOAD (daN) 35 ShA | 45 ShA | 60 ShA | 70 ShA | DEFLECTION (mm) |
|---|---|---|---|---|---|
| PNOCE4040DDM08 | 40 | 55 | 70 | 100 | 3.5 |
| PNOCE4040V22M8 | 40 | 55 | 70 | 100 | 3.5 |

**serie PNOCE4040**

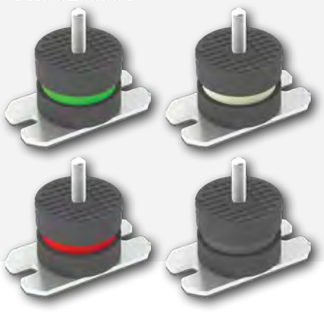


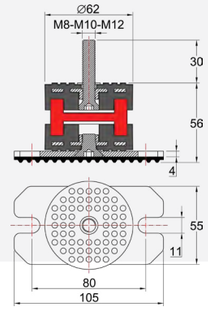

MAX
290 KGS

**PNOCE6050D**



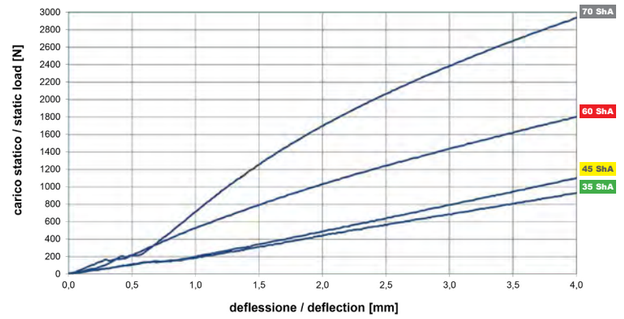

**PNOCE6050V**






| CODE | MAX. LOAD (daN) 35 ShA | 45 ShA | 60 ShA | 70 ShA | DEFLECTION (mm) |
|---|---|---|---|---|---|
| PNOCE6050DDM10 | 90 | 110 | 180 | 290 | 4.0 |
| PNOCE6050V30M10 | 90 | 110 | 180 | 290 | 4.0 |

**serie PNOCE6050**



# SERIE MCFT - MCVT
## *MCFT - MCVT SERIES*

### CARATTERISTICHE COSTRUTTIVE

- La placca superiore è realizzata con disco in acciaio UNI EN 10111 DD13, zincato secondo UNI ISO 2081 Fe/Zn 12c1A, rivestito in elastomero termoplastico con foro filettato M8, M10 o M12 per la serie MCFT e M10 o M12 per la serie MCVT. In alternativa al foro filettato è possibile avere una vite M8, M10 o M12 per la serie MCFTV e M10 o M12 per la serie MCVTV.
- L'elastomero termoplastico, utilizzato per produrre la placca e la basa, è adatto per temperature di impiego da -45°C a +110°C per il 35, 45 e 70 ShA e da -55°C a +135°C per il 60 ShA. Inoltre presenta una elevata resistenza all'invecchiamento, alle sostanze inquinanti, agli idrocarburi, nebbie saline, raggi UV e detergenti ed è composto da materiale riciclabile.
- Le superfici della placca e della base presentano rilievi deformabili che consentono all'antivibrante caricato di stazionare per attrito e ridurre la trasmissione del rumore.

### *MANUFACTURING CHARACTERISTICS*

- *The upper plate is made with UNI EN 10111 DD13 steel disc, galvanized according to UNI ISO 2081 Fe / Zn 12c1A, covered in thermoplastic elastomer with threaded hole M8, M10 or M12 for the MCFT series and M10 or M12 for the MCVT series. As an alternative to the threaded hole, it is possible to have an M8, M10 or M12 screw for the MCFTV series and M10 or M12 for the MCVTV series.*
- *The thermoplastic elastomer, used to produce the plate and the base, is ideal for use in temperatures ranging from -45°C to +110°C for the 35, 45 and 70 ShA and from -55°C to +135°C for the 60 ShA. Furthermore, it has a high resistance to ageing, pollutants, hydrocarbons, salt mist, UV rays and detergents and it's made by recyclable material.*
- *The surface of the plate and the base has slip-proof, flexible embossing which allow the charged anti-vibration mount to stand by friction and at the same time reduce the transmission of noise.*

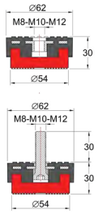
### A RICHIESTA

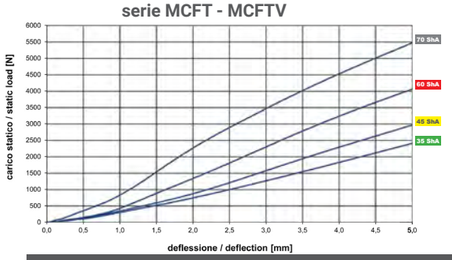
- Altezze delle viti speciali su richiesta;
- Realizzazione in elastomero autoestinguente come da normativa UL94-V0.

### *ON REQUEST*

- *Special heights of the screw on request;*
- *Self-extinguishing elastomer construction as per UL94-V0 standard.*

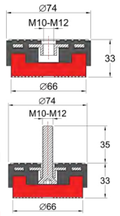
### MCFT - MCFTV

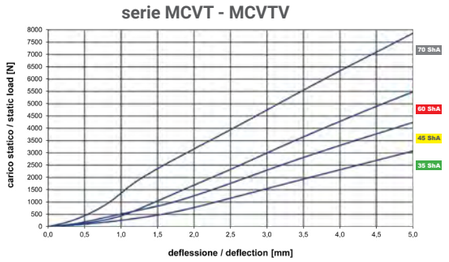



| CODE | MAX. LOAD (daN) 35 ShA | 45 ShA | 60 ShA | 70 ShA | DEFLECTION (mm) |
|---|---|---|---|---|---|
| MCFTM086030 | 240 | 300 | 400 | 550 | 5.0 |
| MCFTM08V306030 | 240 | 300 | 400 | 550 | 5.0 |
| MCFTM106030 | 240 | 300 | 400 | 550 | 5.0 |
| MCFTM10V306030 | 240 | 300 | 400 | 550 | 5.0 |
| MCFTM126030 | 240 | 300 | 400 | 550 | 5.0 |
| MCFTM12V306030 | 240 | 300 | 400 | 550 | 5.0 |

### MCVT - MCVTV




| CODE | MAX. LOAD (daN) 35 ShA | 45 ShA | 60 ShA | 70 ShA | DEFLECTION (mm) |
|---|---|---|---|---|---|
| MCVTM107535 | 300 | 420 | 550 | 750 | 5.0 |
| MCVTM10V307535 | 300 | 420 | 550 | 750 | 5.0 |
| MCVTM127535 | 300 | 420 | 550 | 750 | 5.0 |
| MCVTM12V307535 | 300 | 420 | 550 | 750 | 5.0 |



# SERIE PIEDE
## *PIEDE SERIES*

### CARATTERISTICHE COSTRUTTIVE

- Placca formata da un disco in acciaio UNI EN 10111 DD13, zincato secondo UNI ISO 2081 Fe/Zn 12c1A, rivestito in elastomero termoplastico.
- L'elastomero termoplastico è adatto per temperature di impiego da -45°C a +110°C per il 45 e 70 ShA e da -55°C a +135°C per il 60 ShA. Inoltre ha una elevata resistenza all'invecchiamento, alle sostanze inquinanti, agli idrocarburi, nebbie saline, raggi UV e detergenti ed è composto da materiale riciclabile.
- Superficie dotata di rilievi deformabili che consentono all'antivibrante caricato di stazionare per attrito e di ridurre la trasmissione del rumore.
- Placca 8616 - 8612 dotata di martinetto in acciaio zincato per agevolare la registrazione della quota macchina;
- Disponibile in 3 altezze diverse e con filettatura M12 o M16.

### *MANUFACTURING CHARACTERISTICS*

- *Plate made by steel discs, galvanized according to UNI ISO 2081 Fe/Zn 12c1Awhite and coated in thermoplastic elastomer.*
- *The thermoplastic elastomer is ideal for use in temperatures ranging from -45°C to +110°C for the 45 and 70 ShA and from -55°C to +135°C for the 60 ShA. Furthermore, it has a high resistance to ageing, pollutants, hydrocarbons, salt mist, UV rays and detergents and it's made by recyclable material.*
- *The surface of the plates has slip-proof, flexible embossing which allow the charged anti-vibration mount to stand by friction and at the same time reduce the transmission of noise.*
- *8616 – 8612 plate supplied with a jack in galvanized steel to facilitate the registration of the machine level;*
- *Available in 3 different heights and with M12 or M16 thread.*

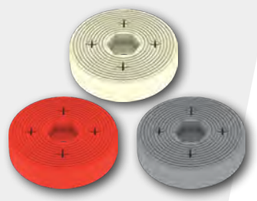
### A RICHIESTA

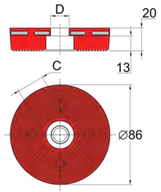
- Altezza martinetto su richiesta;
- Realizzazione in elastomero autoestinguente come da normativa UL94-V0.

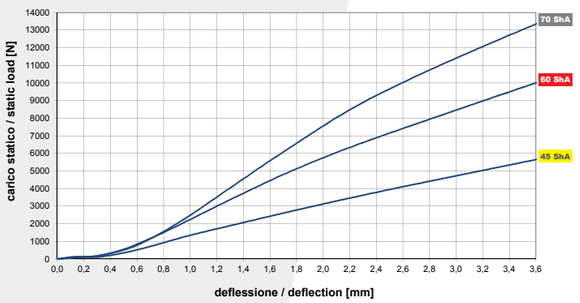
### *ON REQUEST*

- *Jack height on request;*
- *Self-extinguishing elastomer construction as per UL94-V0 standard.*

### 8612 - 8616

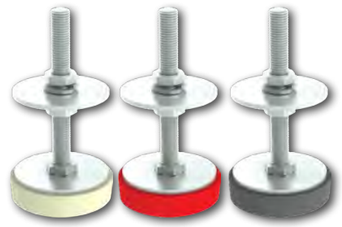


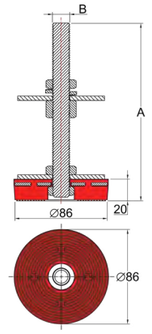



| CODE | DIMENSIONS (mm) C | D | MAX. LOAD (daN) 45 ShA | 60 ShA | 70 ShA | DEFLECTION (mm) |
|---|---|---|---|---|---|---|
| 861212 | 19.0 | 12.5 | 550 | 850 | 1000 | 3.5 |
| 861616 | 24.0 | 16.5 | 550 | 850 | 1000 | 3.5 |

### JD






| CODE | DIMENSIONS (mm) A | B | C | D | MAX. LOAD (daN) 45 ShA | 60 ShA | 70 ShA | DEFLECTION (mm) |
|---|---|---|---|---|---|---|---|---|
| 8612JD12-230 | 230 | M12 | 19.0 | 12.5 | 550 | 850 | 1000 | 3.5 |
| 8612JD12-330 | 330 | M12 | 19.0 | 12.5 | 550 | 850 | 1000 | 3.5 |
| 8612JD12-390 | 390 | M12 | 19.0 | 12.5 | 550 | 850 | 1000 | 3.5 |
| 8616JD16-230 | 230 | M16 | 24.0 | 16.5 | 550 | 850 | 1000 | 3.5 |
| 8616JD16-330 | 330 | M16 | 24.0 | 16.5 | 550 | 850 | 1000 | 3.5 |
| 8616JD16-390 | 390 | M16 | 24.0 | 16.5 | 550 | 850 | 1000 | 3.5 |

# SERIE PLACCA
## *PLACCA SERIES*

**CARATTERISTICHE COSTRUTTIVE**

- Placca formata da disco in acciaio UNI EN 10111 DD13, zincato secondo UNI ISO 2081 Fe/Zn 12c1A, rivestito in elastomero termoplastico.
- L'elastomero termoplastico è adatto per temperature di impiego da -45°C a +110°C per il 45 ShA e da -55°C a +135°C per il 60 ShA. Inoltre ha una elevata resistenza all'invecchiamento, alle sostanze inquinanti, agli idrocarburi, nebbie saline, raggi UV e detergenti ed è composto da materiale riciclabile.
- Superficie dotata di rilievi deformabili che consentono all'antivibrante caricato di stazionare per attrito e di ridurre la trasmissione del rumore.
- Placca 9292 dotata di martinetto in acciaio zincato per agevolare la registrazione della quota macchina;
- Disponibile in 3 altezze diverse e con filettatura M12 o M16.

**A RICHIESTA**

- Realizzazione in elastomero autoestinguente come da normativa UL94-V0.

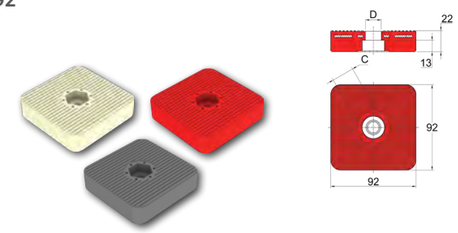
***MANUFACTURING CHARACTERISTICS***

- *Plate made by steel discs, galvanized according to UNI ISO 2081 Fe/Zn 12c1Awhite and coated in thermoplastic elastomer.*
- *The thermoplastic elastomer is ideal for use in temperatures ranging from -45°C to +110°C for the 45 ShA and from -55°C to +135°C for the 60 ShA. Furthermore, it has a high resistance to ageing, pollutants, hydrocarbons, salt mist, UV rays and detergents and it's made by recyclable material.*
- *The surface of the plates has slip-proof, flexible embossing which allow the charged anti-vibration mount to stand by friction and at the same time reduce the transmission of noise.*
- *9292 plate supplied with a jack in galvanized steel to facilitate the registration of the machine level;*
- *Available in 3 different heights and with M12 or M16 thread.*

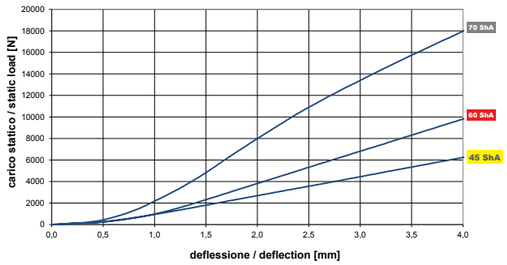
***ON REQUEST***

- *Self-extinguishing elastomer construction as per UL94-V0 standard.*

### 9292

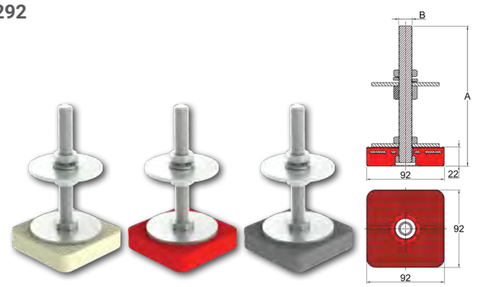



**serie 9292 - JD**




| CODE | DIMENSIONS (mm) C | D | MAX. LOAD (daN) 45 ShA | 60 ShA | 70 ShA | DEFLECTION (mm) |
|---|---|---|---|---|---|---|
| P92x92x22F12 | 19.5 | 12.5 | 600 | 1000 | 1800 | 4.0 |
| P92x92x22F16 | 24.0 | 16.5 | 600 | 1000 | 1800 | 4.0 |
| P92x92x22F20 | | 16.5 | 600 | 1000 | 1800 | 4.0 |

### JD9292




| CODE | DIMENSIONS (mm) A | B | C | D | MAX. LOAD (daN) 45 ShA | 60 ShA | 70 ShA | DEFLECTION (mm) |
|---|---|---|---|---|---|---|---|---|
| JD9292M12-230 | 230 | M12 | 19.5 | 12.5 | 600 | 1000 | 1800 | 4.0 |
| JD9292M12-330 | 330 | M12 | 19.5 | 12.5 | 600 | 1000 | 1800 | 4.0 |
| JD9292M12-390 | 390 | M12 | 19.5 | 12.5 | 600 | 1000 | 1800 | 4.0 |
| JD9292M16-230 | 230 | M16 | 24.0 | 16.5 | 600 | 1000 | 1800 | 4.0 |
| JD9292M16-330 | 330 | M16 | 24.0 | 16.5 | 600 | 1000 | 1800 | 4.0 |
| JD9292M16-390 | 390 | M16 | 24.0 | 16.5 | 600 | 1000 | 1800 | 4.0 |



# SERIE C9090
## *C9090 SERIES*

**CARATTERISTICHE COSTRUTTIVE**

- Cuscinetto in elastomero termoplastico con superficie dotata di rilievi deformabili che consentono all'antivibrante caricato di stazionare per attrito e di ridurre la trasmissione del rumore.
- L'elastomero termoplastico è adatto per temperature di impiego da -45°C a +110°C per il 35, 45 e 70 ShA e da -55°C a +135°C per il 60 ShA. Inoltre presenta una elevata resistenza all'invecchiamento, alle sostanze inquinanti, agli idrocarburi, nebbie saline, raggi UV e detergenti ed è composto da materiale riciclabile.

**A RICHIESTA**

- Disponibile nella versione con collarino per l'alloggiamento in sedi con foro d. 22 mm.
- Realizzazione in elastomero autoestinguente come da normativa UL94-V0.

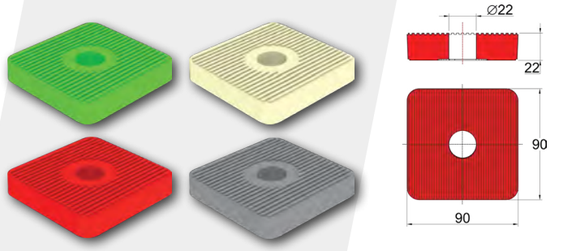
***MANUFACTURING CHARACTERISTICS***

- *Pad in thermoplastic elastomer with surface that presents slip-proof, flexible embossing which allow the charged anti-vibration mount to stand by friction and at the same timereduce the transmission of noise.*
- *The thermoplastic elastomer is ideal for use in temperatures ranging from -45°C to +110°C for the 35, 45 and 70 ShA and from -55°C to +135°C for the 60 ShA. Furthermore, it has a high resistance to ageing, pollutants, hydrocarbons, salt mist, UV rays and detergents and it's made by recyclable material.*

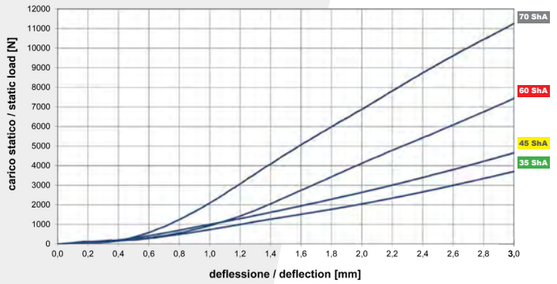
***ON REQUEST***

- *Available in the version with collar for housing in seats with hole d. 22 mm.*
- *Self-extinguishing elastomer construction as per UL94-V0 standard.*

### C9090 - H 17.0 mm

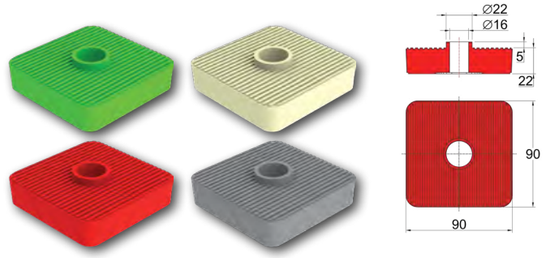



**serie C9090 - H. 17,0 mm**

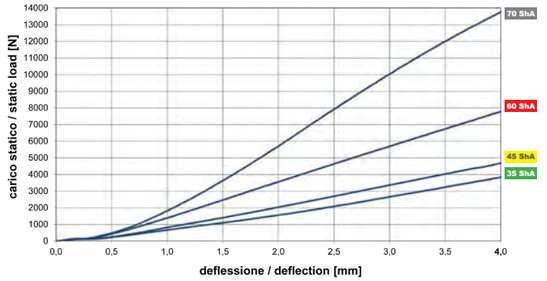



| CODE | 35 ShA | MAX. LOAD (daN) 45 ShA | 60 ShA | 70 ShA | DEFLECTION (mm) |
|---|---|---|---|---|---|
| C9090H17F22 (without neckband) | 350 | 450 | 720 | 1100 | 3.0 |
| C9090H17F16 (with neckband) | 350 | 450 | 720 | 1100 | 3.0 |

### C9090 - H. 22.0 mm




**serie C9090 - H. 22,0 mm**




| CODE | 35 ShA | MAX. LOAD (daN) 45 ShA | 60 ShA | 70 ShA | DEFLECTION (mm) |
|---|---|---|---|---|---|
| C9090H22F22 (without neckband) | 400 | 500 | 800 | 1350 | 4.0 |
| C9090H22F16 (with neckband) | 400 | 500 | 800 | 1350 | 4.0 |

# SERIE BB - BBS
## *BB - BBS SERIES*

### CARATTERISTICHE COSTRUTTIVE

- Corpi elastici in elastomero termoplastico adatto per temperature di impiego da -45°C a +110°C per il 45 ShA e da -55°C a +135°C per il 60 ShA. Inoltre ha una elevata resistenza all'invecchiamento, alle sostanze inquinanti, agli idrocarburi, nebbie saline, raggi UV e detergenti ed è composto da materiale riciclabile.
- Involucro di protezione dei corpi elastici in Poliammide PA6.
- Funzionalità multidirezionale con elevato grado di stabilità della massa sospesa.
- Ottimo comportamento in sicurezza alle sollecitazioni assiali e radiali.
- Carichi variabili in funzione della durezza dei corpi elastici, forniti colorati per un'immediata identificazione: 35 ShA - VERDE; 45 ShA - BEIGE; 60 ShA - ROSSO; 70 ShA - NERO
- Temperature di esercizio da -20°C a +110°C.

### *MANUFACTURING CHARACTERISTICS*

- *Elastic bodies in thermoplastic elastomer that is ideal for use in temperatures ranging from -45°C to +110°C for the 45 ShA and from -55°C to +135°C for the 60 ShA. Furthermore, it has a high resistance to ageing, pollutants, hydrocarbons, salt mist, UV rays and detergents and it's made by recyclable material.*
- *Protective casing of the elastic bodies in Polyamide PA6*
- *Multidirectional functionality with a high degree of stability of the suspended mass.*
- *Excellent behavior in safety to axial and radial stresses.*
- *Various possible loads according to the hardness of the elastic bodies which are colored to be immediately identified: 35 ShA - GREEN; 45 ShA BEIGE; 60 ShA - RED; 70 ShA - BLACK.*
- *Operating temperatures from -20°C to 110°C.*

### A RICHIESTA

- Martinetto in acciaio zincato secondo UNI ISO 2081 Fe/Zn 25C1ABianca o in acciaio inox AISI 316, per agevolare la registrazione della quota macchina;
- Disponibile versione per temperature da -55°C a +120°C, con elementi in acciaio inox AISI 316 e involucro in materiale speciale PA66-HI.
- Realizzazione in elastomero autoestinguente come da normativa UL94-V0.

### *ON REQUEST*

- *Jack in galvanized steel according to UNI ISO2081 Fe/Zn25C1White or in stainless steel AISI 316, to facilitate the registration of the machine level;*
- *Available for temperatures from -55°C to +120°C, with elements in AISI316 stainless steel and casing in special PA66-HI material.*
- *Self-extinguishing elastomer construction as per UL94-V0 standard.*

**BB**

1. **BB20 - 35, 45, 60, 70 ShA**
2. **BB30 - 35, 45, 60, 70 ShA**
3. **BB50 - 35, 45, 60, 70 ShA**
4. **BB100 - 35, 45, 60, 70 ShA**
5. **BB200 - 35, 45, 60, 70 ShA**
6. **BB300 - 35, 45, 60, 70 ShA**
7. **BB400 - 35, 45, 60, 70 ShA**

**BBS**

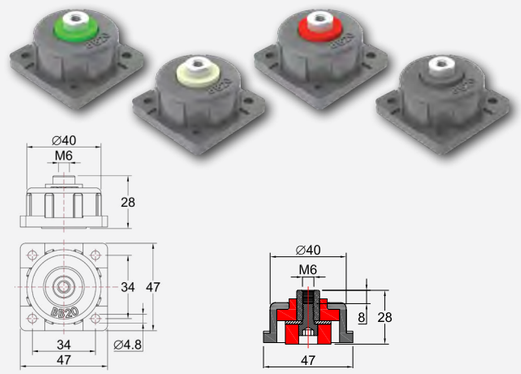
1. **BBS100 - 35, 45, 60, 70 ShA**
2. **BBS200 - 35, 45, 60, 70 ShA**
3. **BBS300 - 35, 45, 60, 70 ShA**
4. **BBS400 - 35, 45, 60, 70 ShA**

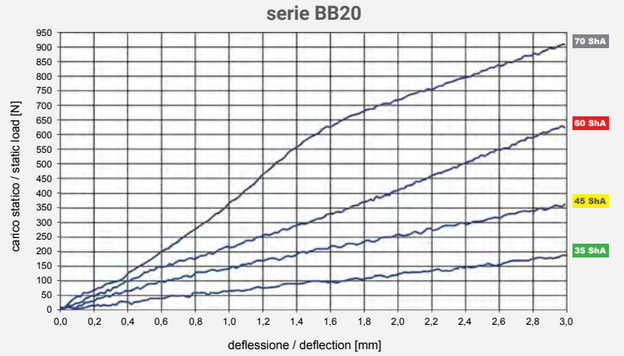
| CODE | MAX. LOAD (daN) 35 ShA | 45 ShA | 60 ShA | 70 ShA | DEFLECTION (mm) |
|---|---|---|---|---|---|
| BB20 | 20 | 35 | 60 | 90 | 3.0 |
| BB30 | 30 | 50 | 90 | 140 | 3.0 |
| BB50 | 45 | 80 | 170 | 215 | 3.0 |
| BB100 | 85 | 120 | 250 | 380 | 4.0 |
| BB200 | 130 | 180 | 290 | 500 | 5.0 |
| BB300 | 220 | 340 | 750 | 1000 | 5.0 |
| BB400 | 260 | 400 | 820 | 1250 | 6.0 |

| CODE | MAX. LOAD (daN) 35 ShA | 45 ShA | 60 ShA | 70 ShA | DEFLECTION (mm) |
|---|---|---|---|---|---|
| BBS100 | 110 | 180 | 290 | 450 | 7.0 |
| BBS200 | 250 | 530 | 800 | 1000 | 8.0 |
| BBS300 | 280 | 490 | 850 | 1450 | 10.0 |
| BBS400 | 380 | 600 | 1100 | 2000 | 12.0 |

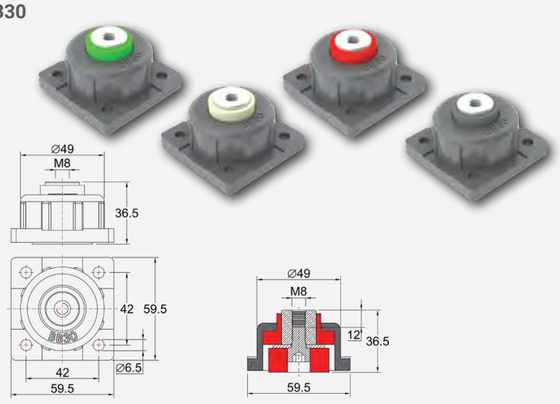


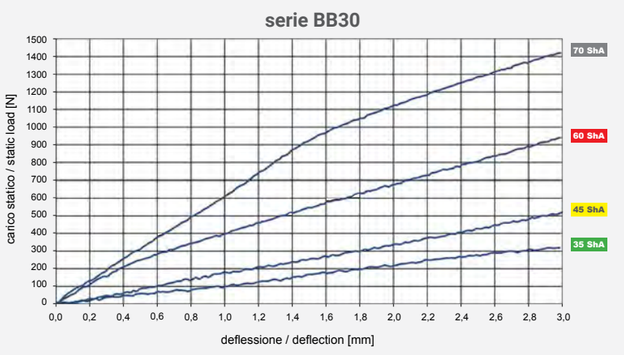
**BB20**



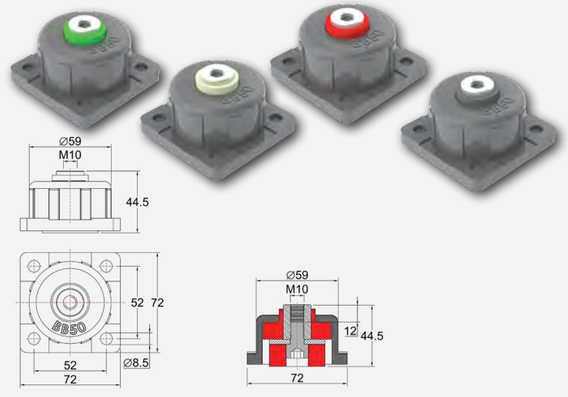



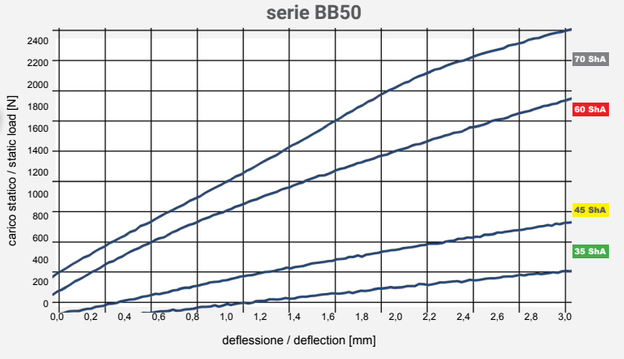

**BB30**



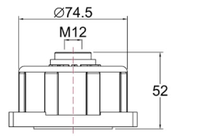



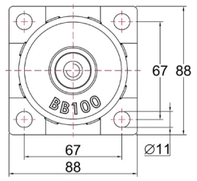

**BB50**



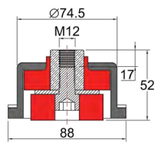



## BB100 - BBS100

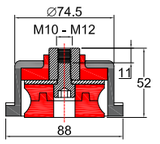


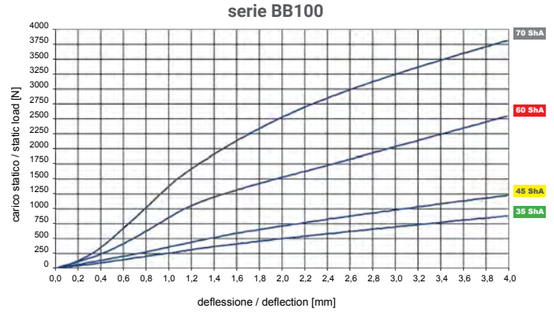



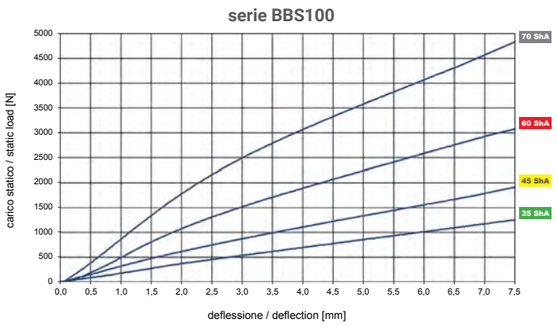

**BB100**



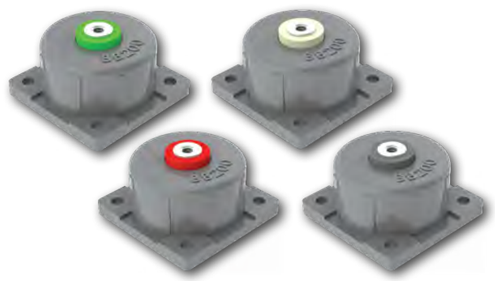

**BBS100**

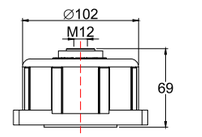


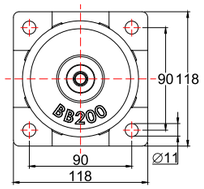




## BB200 - BBS200



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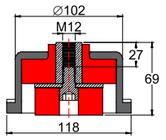


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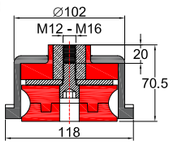


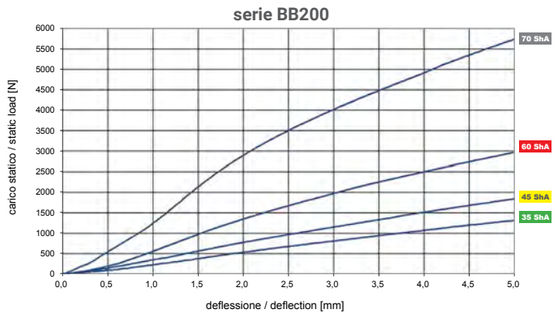





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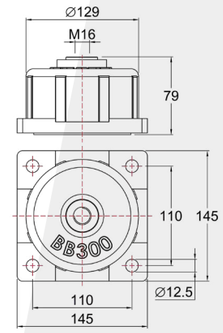


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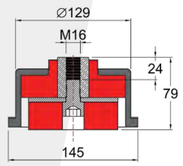


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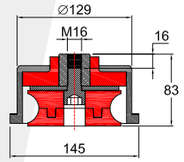


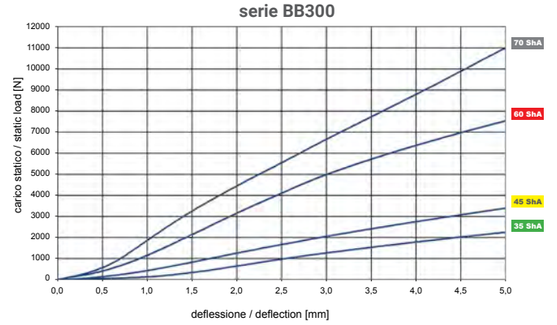


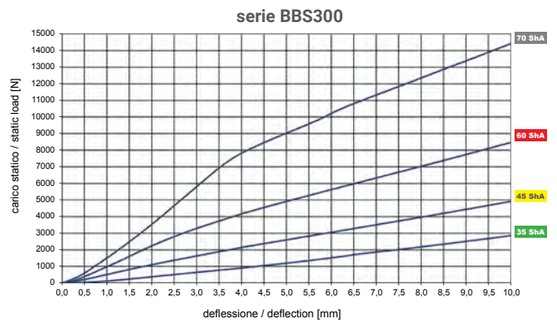


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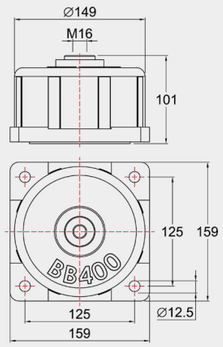


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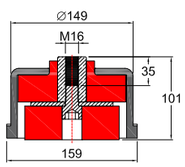


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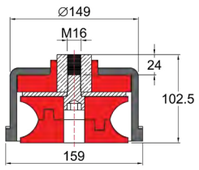
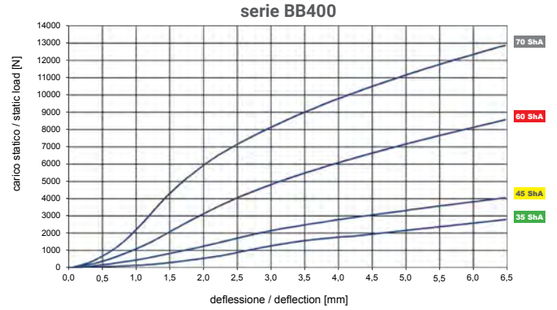
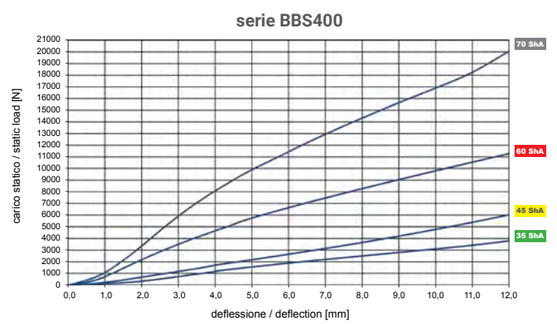


# SERIE TPD
## *TPD SERIES*

### CARATTERISTICHE COSTRUTTIVE

- 2 piastre in acciaio UNI EN 10111 DD13 zincato secondo ISO 2081 Fe/Zn 12c1A, con bussola filettata per l'ancoraggio alla macchina o foro passante.
- 4 cuscinetti in elastomero termoplastico, adatto per temperature di impiego da -45°C a +110°C per il 35, 45 e 70 ShA e da -55°C a +135°C per il 60 ShA. Inoltre ha una elevata resistenza all'invecchiamento, alle sostanze inquinanti, agli idrocarburi, nebbie saline, raggi UV e detergenti ed è composto da materiale riciclabile.
- 2 cuscinetti in gomma con rilievi deformabili antiscivolo consentono all'antivibrante caricato di stazionare per attrito e di ridurre la trasmissione del rumore.

### *MANUFACTURING CHARACTERISTICS*

- *2 Plates, made by steel discs galvanized according to UNI ISO 2081 Fe/Zn 12c1Awhite with threaded bush for anchoring to the machine or through hole.*
- *4 Pads in thermoplastic elastomer that is ideal for use in temperatures ranging from -45°C to +110°C for the 35, 45 and 70 ShA and from -55°C to +135°C for the 60 ShA. Furthermore, it has a high resistance to ageing, pollutants, hydrocarbons, salt mist, UV rays and detergents and it's made by recyclable material.*
- *2 elastomer pads with slip-proof, flexible embossing which allow the charged anti-vibration mount to stand by friction and at the same time reduce the transmission of noise.*

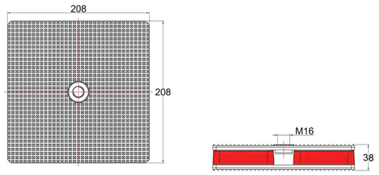
### A RICHIESTA

- Realizzazione in elastomero autoestinguente come da normativa UL94-V0.

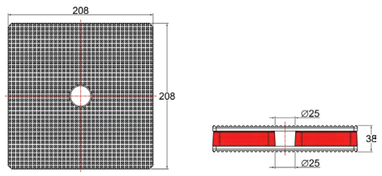
### *ON REQUEST*

- *Self-extinguishing elastomer construction as per UL94-V0 standard.*

### M16 THREADED HOLE




### 24 THROUGH HOLE




| CODE | MAX. LOAD (daN) 35 ShA | 45 ShA | 60 ShA | 70 ShA | DEFLECTION (mm) |
|---|---|---|---|---|---|
| TPD208CFM16 | 1000 | 1400 | 2400 | 4000 | 5.0 |
| TPD208CS000 | 1000 | 1400 | 2400 | 4000 | 5.0 |