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.

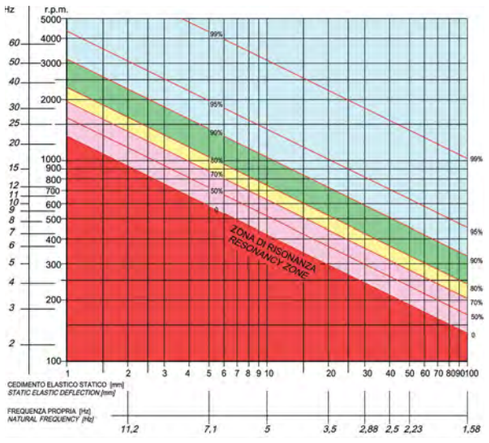
Se le basi di appoggio dei diversi supporti antivibranti non sono tra loro a livello, è necessario compensare tale mancanza utilizzando appositi registri (MARTINETTI).

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

ESEMPIO DI SCELTA DI UN SUPPORTO ANTIVIBRANTE:

Si supponga di dover isolare un gruppo frigorifero di 6.234 kg con una frequenza pari a 1800 r.p.m. (30 Hz).
L'unità ha 6 punti di appoggio, su ogni punto d'appoggio gravano 1039 kg (il carico è uniformemente distribuito).
Per ottenere un isolamento del 90% ca. è necessaria una deflessione (freccia) di ca. 4 mm.
Nella scelta del supporto antivibrante controllare che il carico massimo consigliato sia superiore al carico applicato.
Per la corretta installazione consultare l'apposita guida tecnica.
Soleco engineering s.r.l. non si assume responsabilità nei casi dove si evidenzia l'errata installazione del supporto.

EXAMPLE OF CHOICE OF ANTI-VIBRATION MOUNT:

Suppose you need to isolate a 6234 kg refrigeration unit with one frequency equal to 1800 r.p.m. (30 Hz).
The unit has six resting points with 1.039 kg resting on each point (the load is evenly distributed).
To achieve about 90% insulation, a deflection of about 4 mm. is necessary.
When choosing the anti-vibration mount, check that the maximum recommended load is higher than the load applied.
Please consult the technical guide for correct installation.
Soleco Engineering S.r.l. declines all responsibility in cases where the incorrect installation of the support is detected.

TAPPETINI ANTIVIBRANTI STRIPES
DAMPER MATS STRIPES

CARATTERISTICHE COSTRUTTIVE

- Tappetino in elastomero termoplastico in varie durezze (ShA) con strati interni componibili.
- L'elastomero termoplastico è ideale 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.
- Le superfici del tappeto presentano rilievi deformabili che consentono all'antivibrante caricato di stazionare per attrito e ridurre la trasmissione del rumore.

MANUFACTURING CHARACTERISTICS

- *Thermoplastic elastomer mat in different hardnesses (ShA) with modular inner layers.*
- *The thermoplastic elastomer is ideal for use in temperatures ranging from -45°C to +110°C for the 35, 45 and 70 ShA version and from -55°C to +135°C for the 60 ShA version. Furthermore, it has a high resistance to ageing, pollutants, hydrocarbons, salt mist, UV rays and detergents and it's made by recyclable material.*
- *The surfaces of the bearing have deformable reliefs that allow the loaded anti-vibration mount to be stationary due to friction and reduce the transmission of noise.*

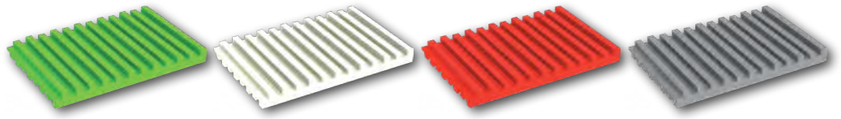
A RICHIESTA

- Realizzazione in materiale auto estinguente UL94-V0;
- Taglio e altezza del cuscinetto su misura.

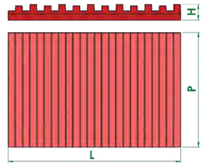
ON REQUEST

- *Available in versions UL94-V0 self-extinguishing compound;*
- *Custom cut and height of the bearing.*

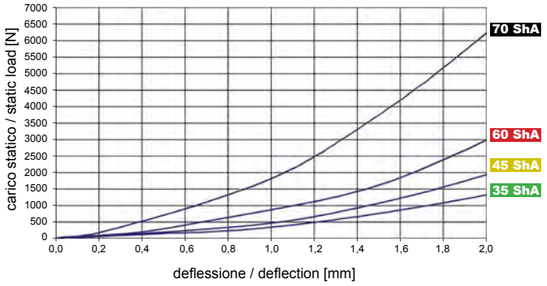
1GG
H 10.5 mm



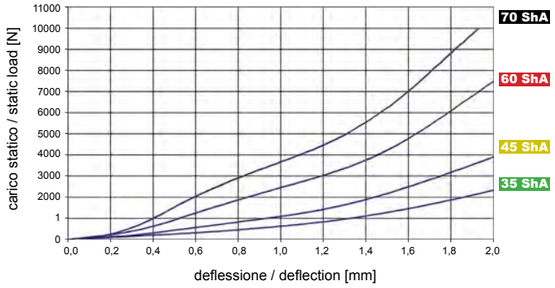
N.	CODE	DIMENSIONS (mm) L	P	H	MAX. LOAD (daN) 35 ShA	45 ShA	60 ShA	70 ShA	DEFLECTION (mm)
1	1GG9090	90	90	10.5	120	200	300	650	2.0
2	1GG150150	150	150	10.5	210	400	750	1000	2.0
3	1GG0945	90	450	10.5	200	460	1200	1800	2.0
4	1GG2222	225	225	10.5	200	550	1200	1900	2.0
5	1GG2245	225	450	10.5	600	1200	1600	2800	2.0
6	1GG4545	450	450	10.5	1250	1800	2800	3500	2.0



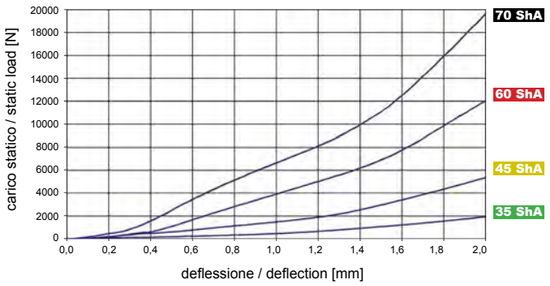
1. 1GG9090



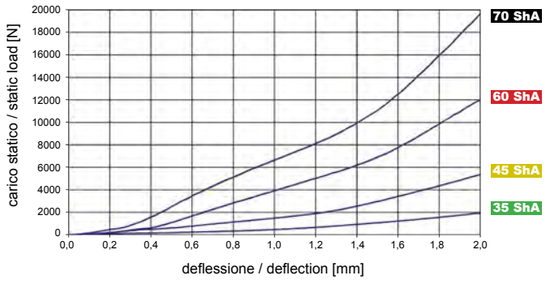
2. 1GG150150



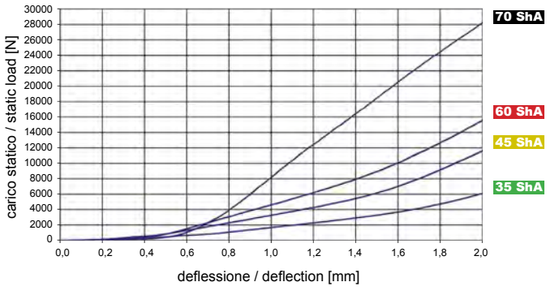
3. 1GG0945



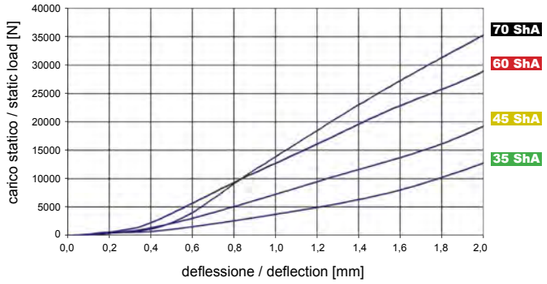
4. 1GG2222



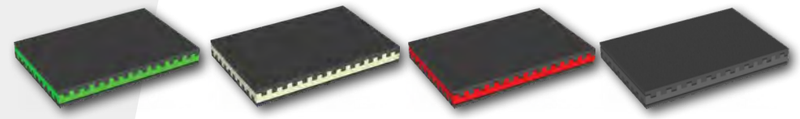
5. 1GG2245



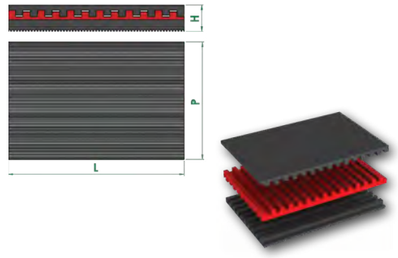
6. 1GG4545



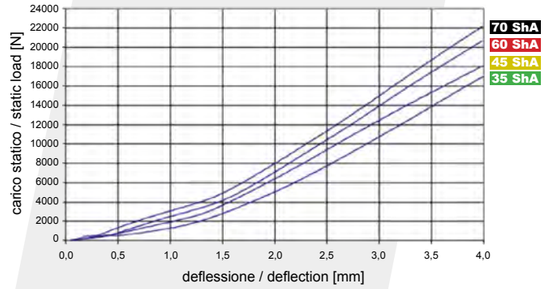
L1GG
H 16.5 mm



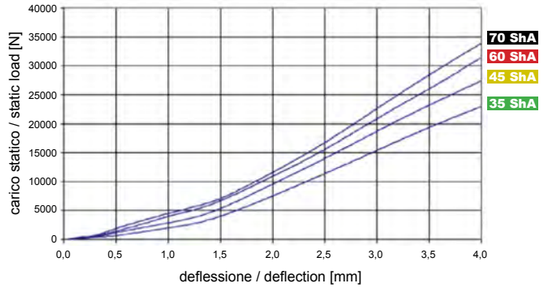
N.	CODE	DIMENSIONS (mm) L	P	H	MAX. LOAD (daN) 35 ShA	45 ShA	60 ShA	70 ShA	DEFLECTION (mm)
1	L1GG9090	90	90	16.5	1700	1800	2000	2200	4.0
2	L1GG150150	150	150	16.5	2200	2700	3000	3400	4.0
3	L1GG0945	90	450	16.5	1500	2600	3500	4500	3.5
4	L1GG2222	225	225	16.5	2000	4200	5800	6800	3.5
5	L1GG2245	225	450	16.5	3800	5000	7000	8000	3.5
6	L1GG4545	450	450	16.5	4800	6000	7000	8500	3.5



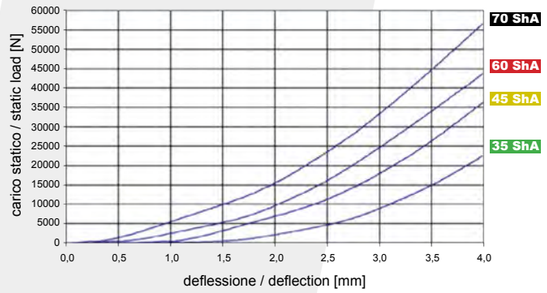
1. L1GG9090



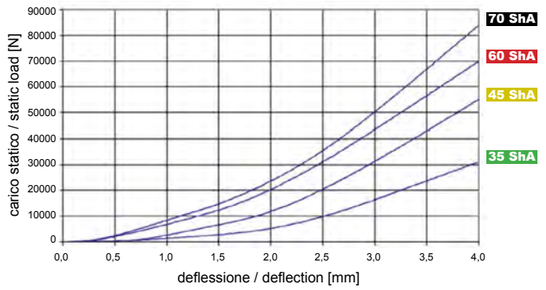
2. L1GG150150



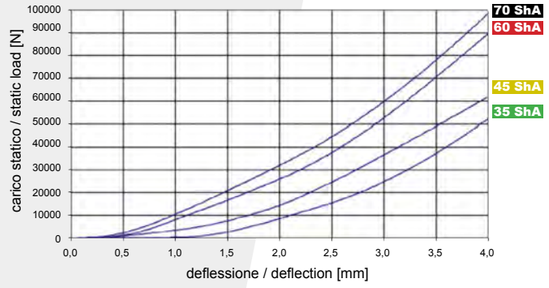
3. L1GG0945



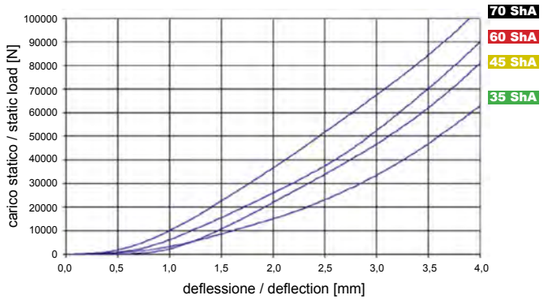
4. L1GG2222



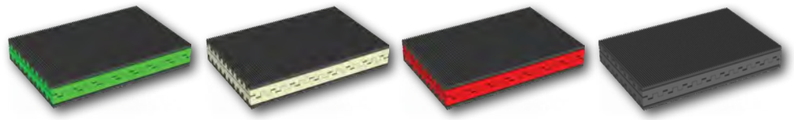
5. L1GG2245



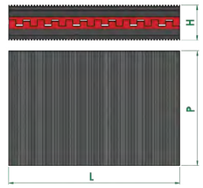
6. L1GG4545

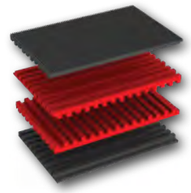


L2GG
H 23 mm

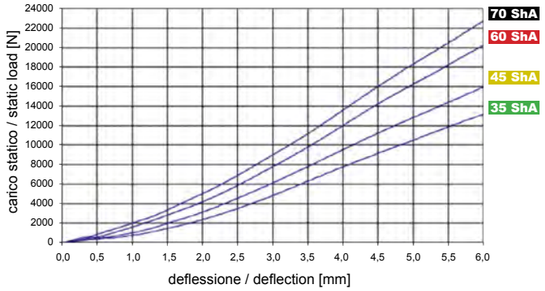


N.	CODE	DIMENSIONS (mm) L	P	H	MAX. LOAD (daN) 35 ShA	45 ShA	60 ShA	70 ShA	DEFLECTION (mm)
1	L2GG9090	90	90	23	1300	1600	2000	2300	6.0
2	L2GG150150	150	150	23	3000	3500	4500	5100	6.0
3	L2GG0945	90	450	23	4000	5000	6100	7200	6.0
4	L2GG2222	225	225	23	4800	5800	6500	7100	5.0
5	L2GG2245	225	450	23	3000	5000	5500	7000	4.0
6	L2GG4545	450	450	23	5800	6100	8200	9500	4.0

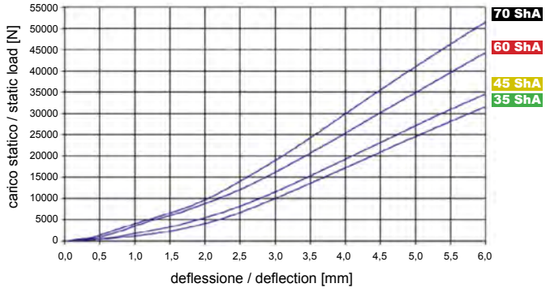




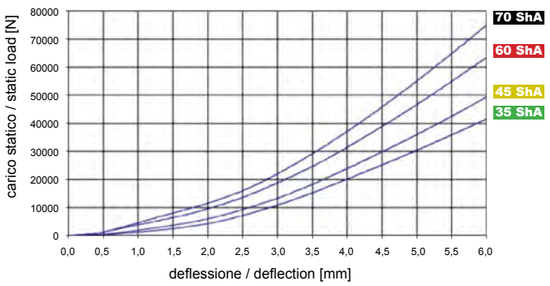
1. L2GG9090



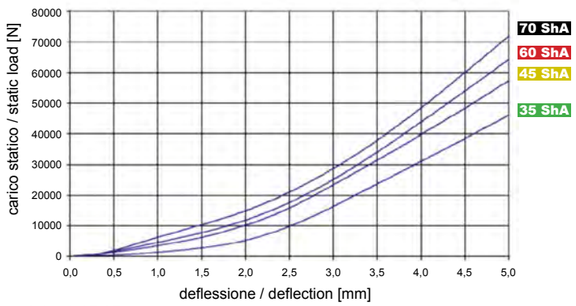
2. L2GG150150



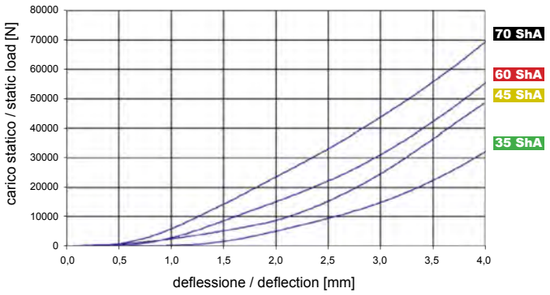
3. L2GG0945



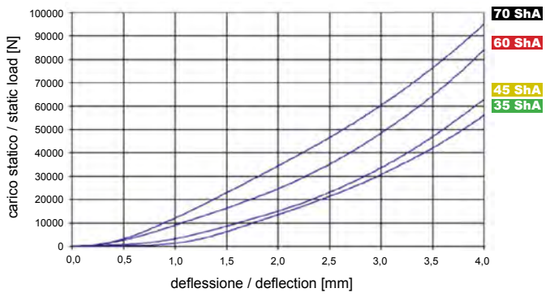
4. L2GG2222



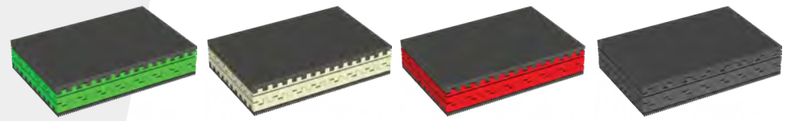
5. L2GG2245



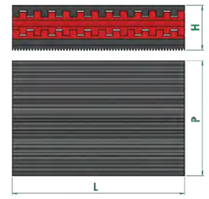
6. L2GG4545

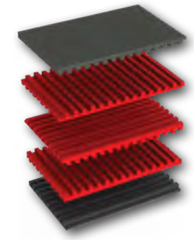


L3GG
H 29 mm

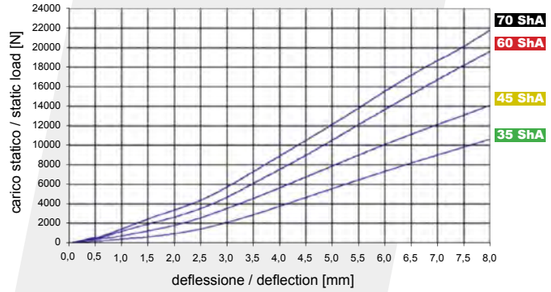


N.	CODE	DIMENSIONS (mm) L	P	H	MAX. LOAD (daN) 35 ShA	45 ShA	60 ShA	70 ShA	DEFLECTION (mm)
1	L3GG9090	90	90	29	1000	1400	2000	2200	8.0
2	L3GG150150	150	150	29	3500	4000	5000	5500	8.0
3	L3GG0945	90	450	29	4000	5000	6800	8500	8.0
4	L3GG2222	225	225	29	6000	7000	9000	10000	8.0
5	L3GG2245	225	450	29	3500	4500	6500	8000	5.0
6	L3GG4545	450	450	29	5000	6000	8000	9000	4.5

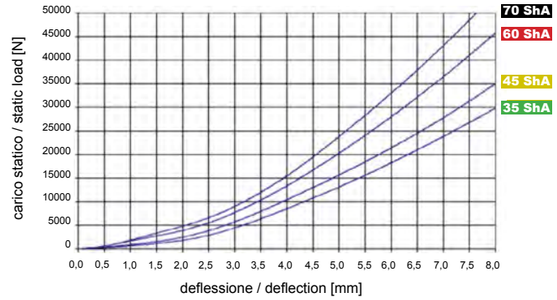




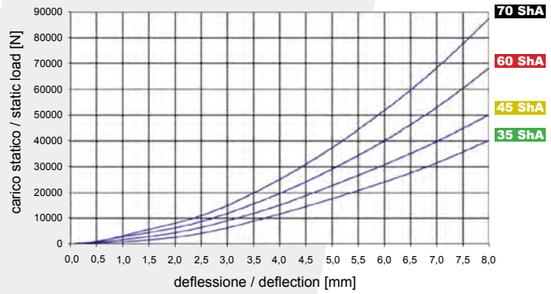
1. L3GG9090



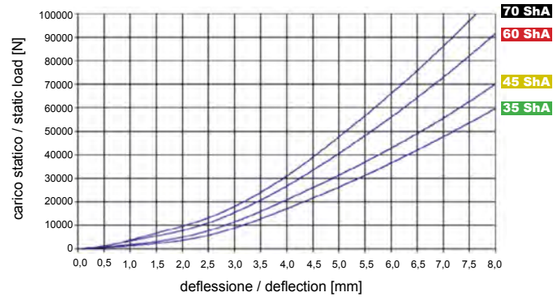
2. L3GG150150



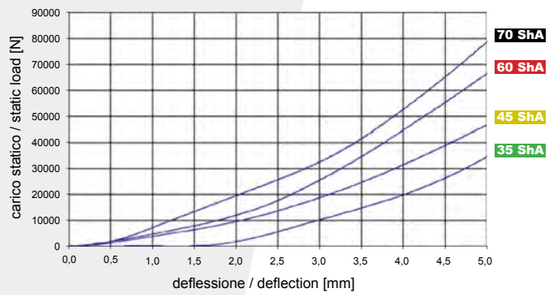
3. L3GG0945



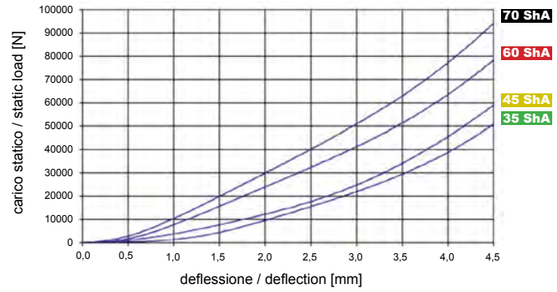
4. L3GG2222



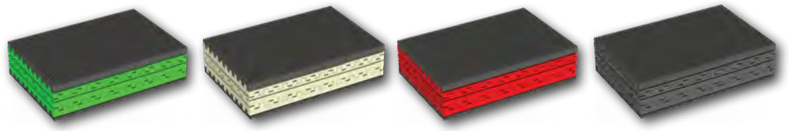
5. L3GG2245



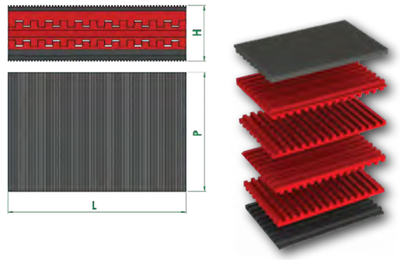
6. L3GG4545



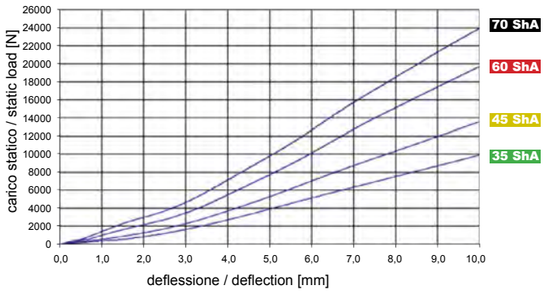
L4GG
H 35.5 mm



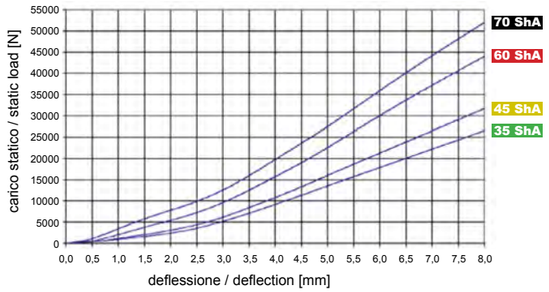
N.	CODE	DIMENSIONS (mm) L	P	H	MAX. LOAD (daN) 35 ShA	45 ShA	60 ShA	70 ShA	DEFLECTION (mm)
1	L4GG9090	90	90	35.5	1000	1400	2000	2400	10.0
2	L4GG150150	150	150	35.5	2600	3100	4400	5100	8.0
3	L4GG0945	90	450	35.5	4000	5000	6900	8800	8.0
4	L4GG2222	225	225	35.5	6000	7000	9000	10000	8.0
5	L4GG2245	225	450	35.5	3100	4800	5500	7000	4.0
6	L4GG4545	450	450	35.5	5500	6100	8200	9500	4.0



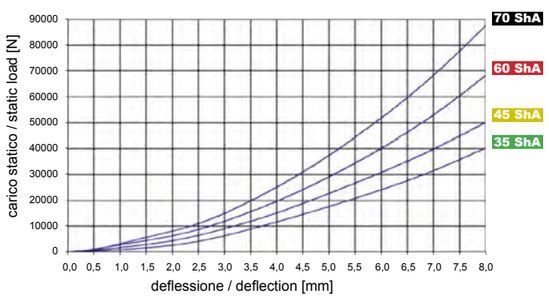
1. L4GG9090



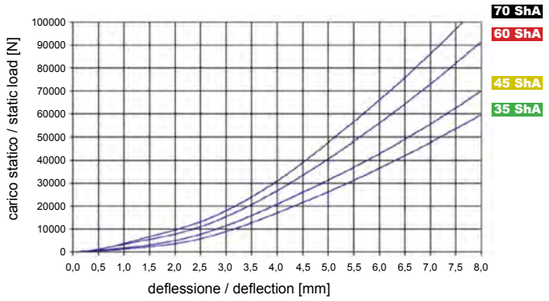
2. L4GG150150



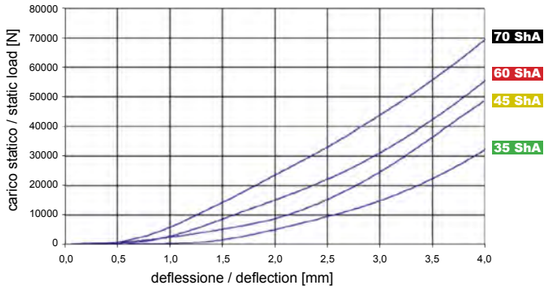
3. L4GG0945



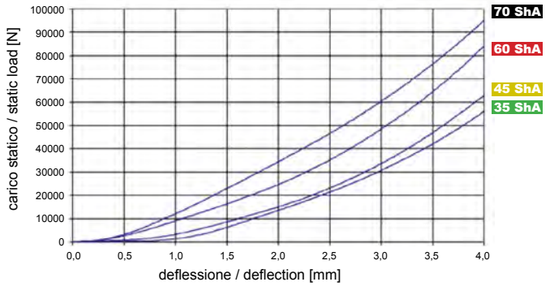
4. L4GG2222



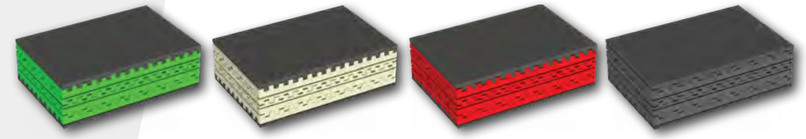
5. L4GG2245



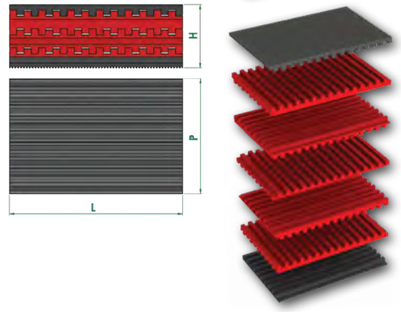
6. L4GG4545



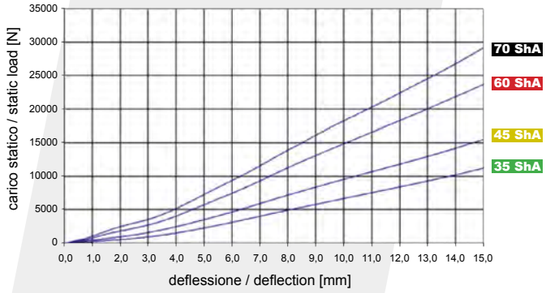
L5GG
H 42 mm



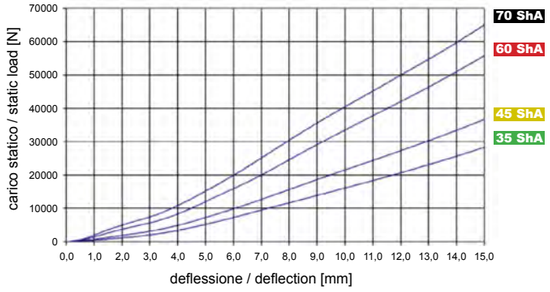
N.	CODE	DIMENSIONS (mm) L	P	H	MAX. LOAD (daN) 35 ShA	45 ShA	60 ShA	70 ShA	DEFLECTION (mm)
1	L5GG9090	90	90	42	1100	1500	2400	2800	15.0
2	L5GG150150	150	150	42	2800	3500	5500	6500	15.0
3	L5GG0945	90	450	42	2000	3000	5000	7500	10.0
4	L5GG2222	225	225	42	3200	4500	6800	9000	10.0
5	L5GG2245	225	450	42	1000	3000	5000	8500	7.0
6	L5GG4545	450	450	42	4500	5000	8100	9100	6.0



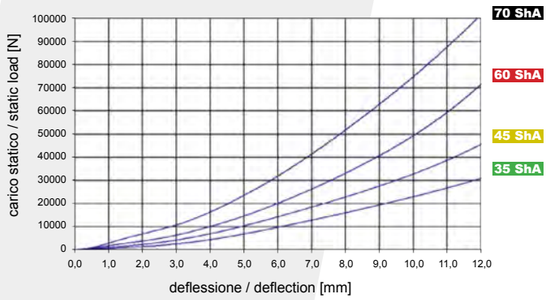
1. L5GG9090



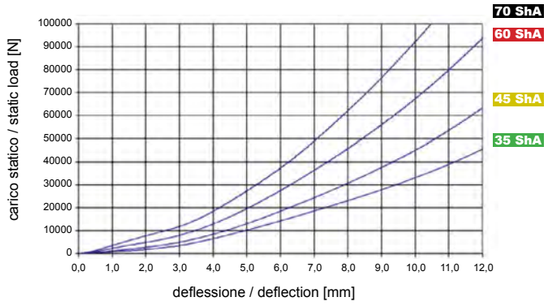
2. L5GG150150



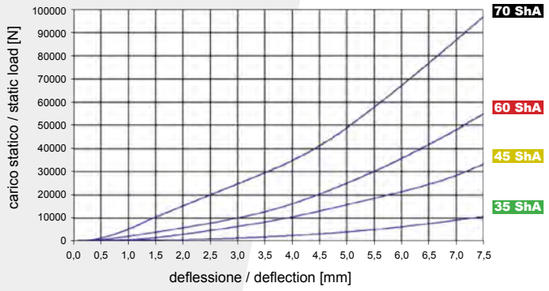
3. L5GG0945



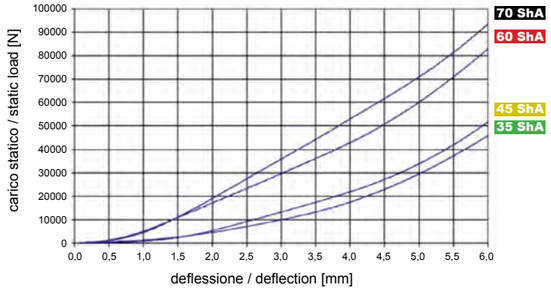
4. L5GG2222



5. L5GG2245

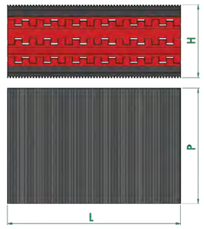


6. L5GG4545

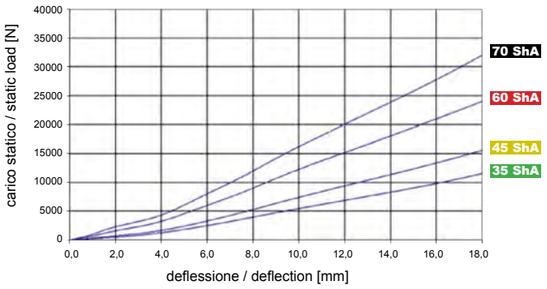


L6GG
H 48.5 mm

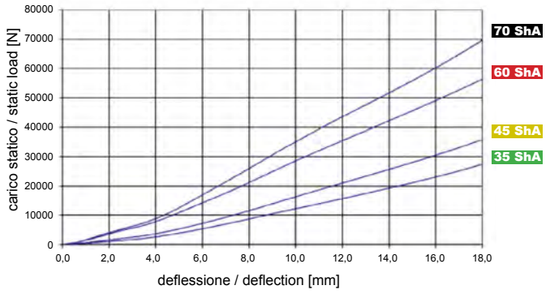
N.	CODE	DIMENSIONS (mm) L	P	H	MAX. LOAD (daN) 35 ShA	45 ShA	60 ShA	70 ShA	DEFLECTION (mm)
1	L6GG9090	90	90	48.5	1100	1500	2400	3200	18.0
2	L6GG150150	150	150	48.5	2800	3500	5500	7000	18.0
3	L6GG0945	90	450	48.5	2500	3500	5800	8500	12.0
4	L6GG2222	225	225	48.5	3200	4500	7000	10000	12.0
5	L6GG2245	225	450	48.5	2500	6000	9000	9000	8.0
6	L6GG4545	450	450	48.5	2000	6200	8200	9800	7.0



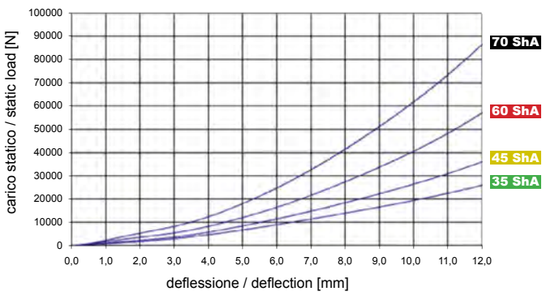
1. L6GG9090



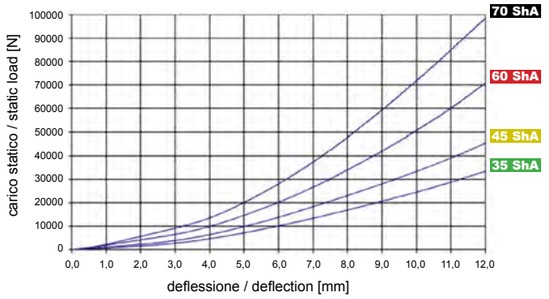
2. L6GG150150



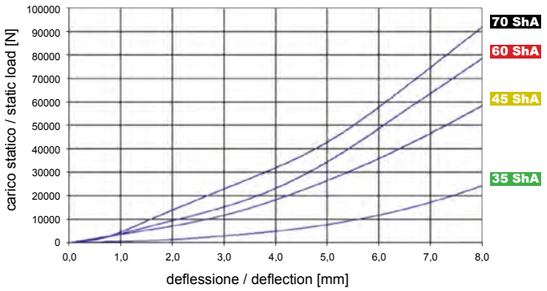
3. L6GG0945



4. L6GG2222



5. L6GG2245



6. L6GG4545