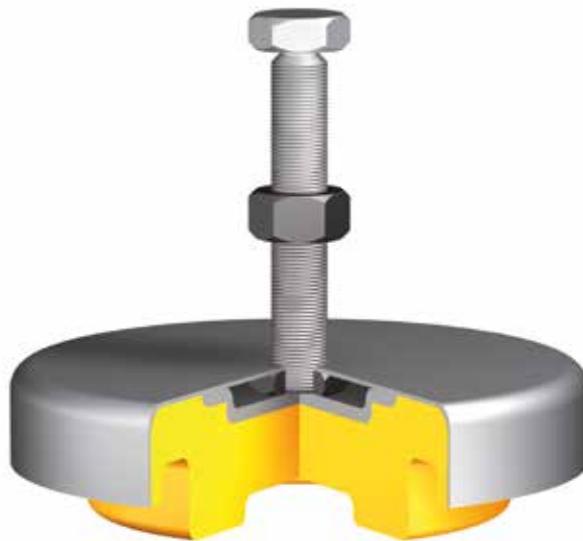


LEV – Levelling Mounts

**LEV****Levelling Mounts****Height-adjustable machine feet**

Height-adjustable machine feet from the LEV product group are maintenance-free and ready-for-installation.
The precise, adjustable LEV machine feet are used whenever machines require an adjustable, stable positioning.

Their function ensures the secure positioning of machinery and equipment, protecting them against damaging shocks and vibrations. LEV machine feet can be supplied in different sizes, from M10 to M24 threads, and can secure and bear loads in these sizes from 45 to 5,900 kg.

The selection of suitable machine feet is simply made via the given mass of the machine or plant distributed among the desired support points. A weight distribution within the system must be considered in such a way that the feet are also measured with the associated load component. If additional dynamic loads are exerted by the machine or plant, the next largest type must be chosen in a borderline static load case.

The mounts meet OSHA requirements for anchoring machines.

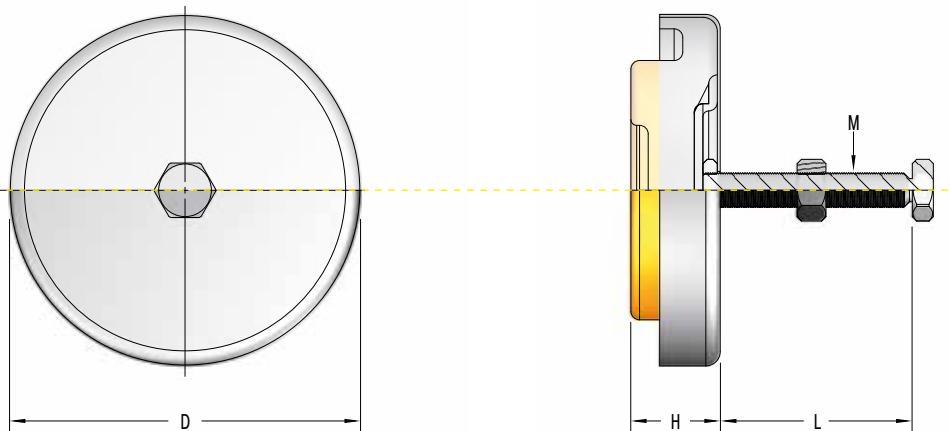
Properties

- Easy to level
- Vibration-reducing
- Noise-reducing
- Improved product quality
- Maintenance-free
- Compensates for floor unevenness
- Special models available on request
- Special vibration-isolating feet according to design and custom-made product
- All metal parts galvanised (ROHS compliant)
- Rubber part made of neoprene (chloroprene rubber)
- Operating temperature range -30 °C to +80 °C

Areas of application

- Injection moulding machines
- Conveyors
- Production and processing centres
- Assembly stations
- Small presses, etc.

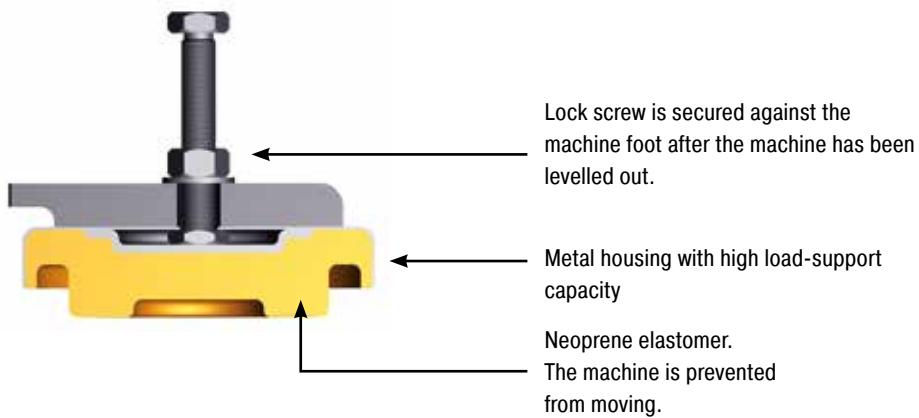
LEV M10 to M24



Type	Min. Load kg	Max. Load kg	Natural Frequency Range Hz	M	L mm	D mm	H mm
LEV-52221-M10	45	230	8 - 24	M10x1.5	80	80	38
LEV-52224-M12	135	450	8 - 24	M12x1.75	130	120	38
LEV-52226-M20	230	2040	8 - 24	M20x2.5	130	160	41
LEV-52229-M24	1815	5900	8 - 24	M24x3.0	180	230	57

Standard delivery with hexagon nut

Installation sketch





CM Cup Mounts

The CM cup mounts protect machinery, vehicles and equipment against damaging vibrations and shocks. They are maintenance-free machine elements.

The correct function of the mounts is guaranteed even in an arduous environment due to the fail-safe design of the machine elements. The low-profile CMs are able to isolate machine parts from each other in an effective way. The CMs can be installed in the applications freely in space (X, Y and Z) and at any inclination. Standard CMs are manufactured and delivered with neoprene as damping material.

For applications in the areas of heavy shocks (off-road) and extreme temperatures, we recommend the use of the CMs with high-damping silicone as damping material. Under normal loading conditions, the CMs have a natural frequency of up to 12 Hz (please refer to the selection diagram for more exact values).

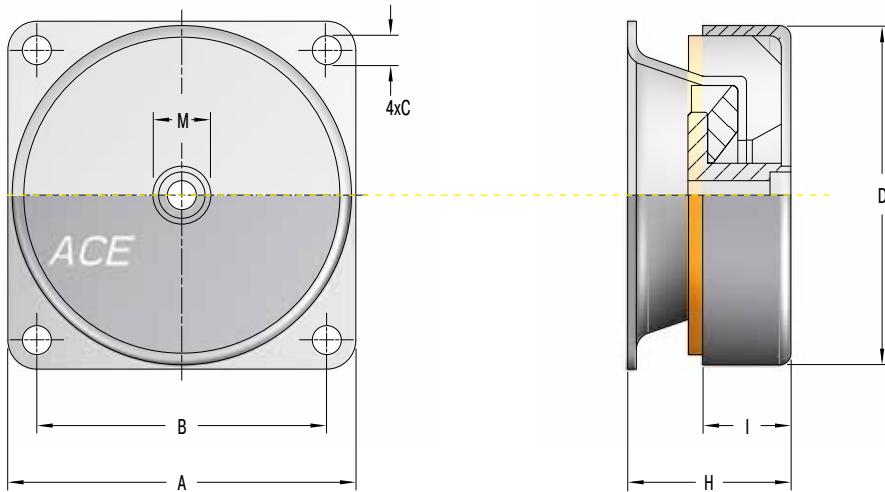
Properties

- Fail-safe
- Can be installed in all spatial axes
- Can be used for shear, compressive and tensile loads
- Available with centric thread or through-hole
- All metal parts galvanised, aluminium or stainless steel available on request
- Operating temperature range -30 °C to +80 °C for neoprene
- Operating temperature range -60 °C to +150 °C for high-damping silicone

Areas of application

- Compressors and other vibrating machines
- Electronic control units and systems
- Crusher plants
- Fans and blowers in construction machinery and in buildings
- Off-road vehicles
- Shipbuilding
- Aircraft construction

CM-VSC1 / CM-VSC2 / CM-VSC3



Type	Min. Load kg	Max. Load kg	M	Screw-in Depth mm	A mm	B mm	D mm	C mm	H mm	I mm	Weight kg
CM-VSC1-2	3	16	M6 or M8	20	60	49.5	58	5.5	28	18	0.2
CM-VSC1-4	7	35	M6 or M8	20	60	49.5	58	5.5	28	18	0.2
CM-VSC1-7	14	60	M6 or M8	20	60	49.5	58	5.5	28	18	0.2
CM-VSC1-10	25	100	M6 or M8	20	60	49.5	58	5.5	28	18	0.2
CM-VSC2-5	9	35	M10 or M12	30	76	63.5	76	6.4	38	25	0.45
CM-VSC2-10	14	60	M10 or M12	30	76	63.5	76	6.4	38	25	0.45
CM-VSC2-15	25	90	M10 or M12	30	76	63.5	76	6.4	38	25	0.45
CM-VSC2-25	50	200	M10 or M12	30	76	63.5	76	6.4	38	25	0.45
CM-VSC2-40	35	250	M10 or M12	30	76	63.5	76	6.4	38	25	0.45
CM-VSC3-25	25	210	M16	19	133	108	124	11.9	63	38	1.8
CM-VSC3-40	45	350	M16	19	133	108	124	11.9	63	38	1.8
CM-VSC3-65	60	500	M16	19	133	108	124	11.9	63	38	1.8
CM-VSC3-90	80	750	M16	19	133	108	124	11.9	63	38	1.8

Difference between stationary and mobile application in the selection diagrams

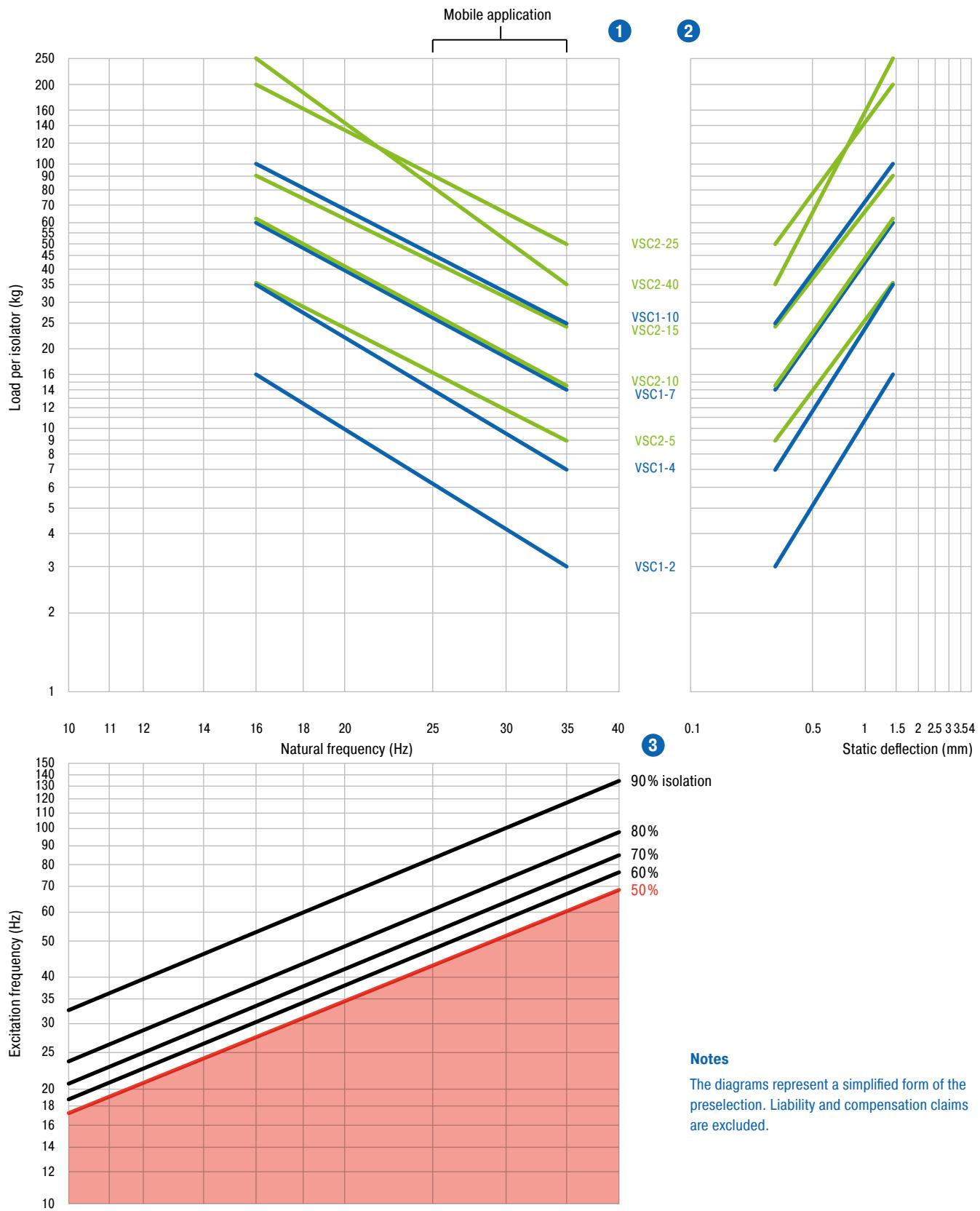
Stationary applications are those in which the cup mounts isolate stationary machines, plants, etc.

Mobile applications, however, refer to applications in which the cup mounts isolate engines, rotors or other parts on moving vehicles. Their range of application is reduced because, in addition to static load, there are additional dynamic loads exerted by the movement which must be considered.

CM – Cup Mounts

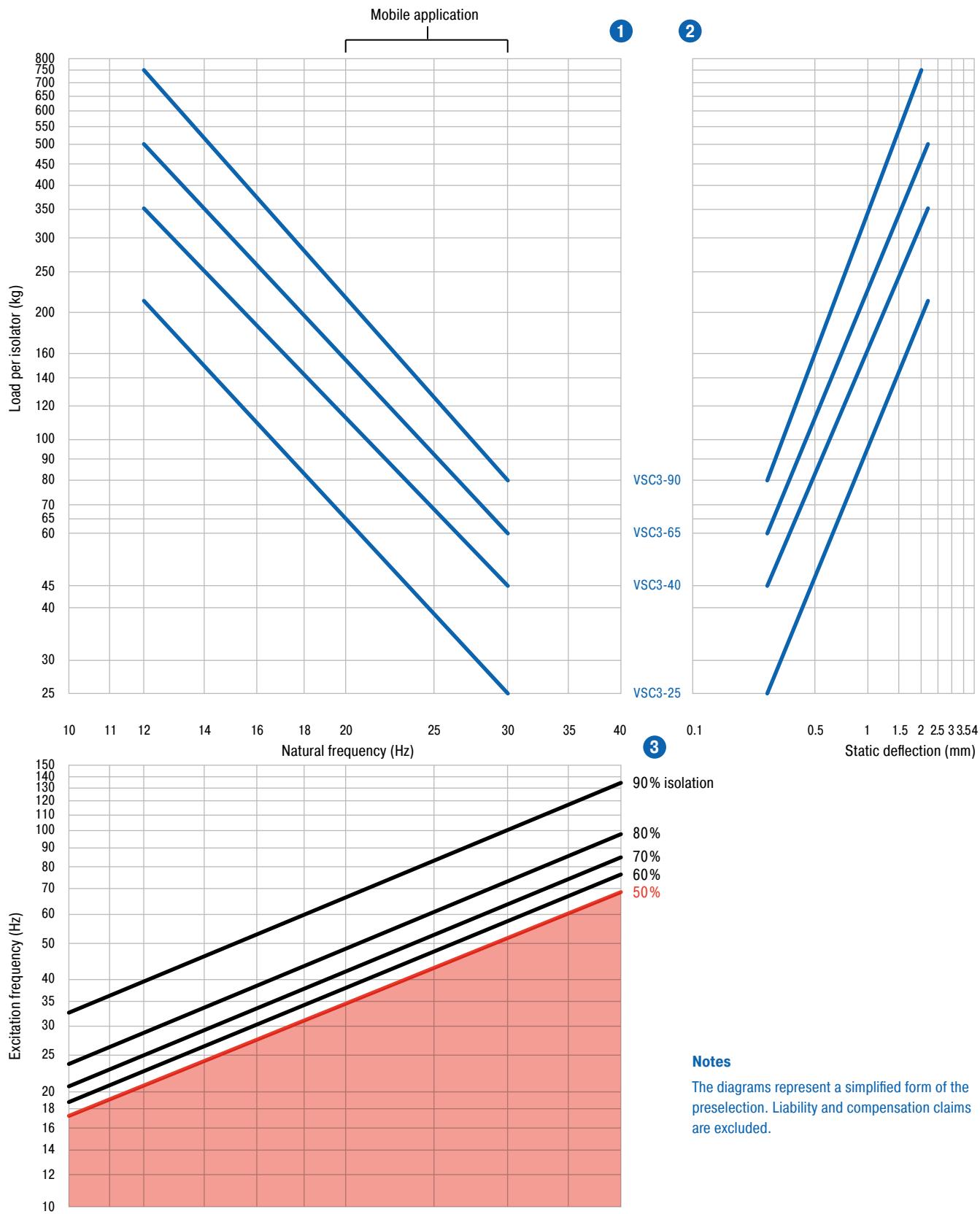


CM-VSC1 / CM-VSC2





CM-VSC3



COM – Compression Mounts



COM

Compression Mounts

Pre-tensioned high-performance bearing surfaces

The **COM** compression mounts are high-performance bearing surface elements for isolating machines and plants. These extremely rugged elastomer bearing surfaces are primarily used in heavy-duty applications, such as in pumps and compressors.

In their operating range, the COMs exhibit a low natural frequency of approx. 8 to 15 Hz and can when necessary be coupled for certain applications, whereby the natural system frequency can be further reduced to approx. 6 to 10 Hz (please refer to the selection diagram for more exact data). They are often used in situations in which unbalanced machine parts cause shocks and vibrations which can have a negative impact on the surrounding area. Disturbance frequencies from 900 min⁻¹ (15 Hz) are effectively isolated. Through the use of the high-performance bearing surfaces, structure-borne noise paths become interrupted, preventing the generation of resonant sound.

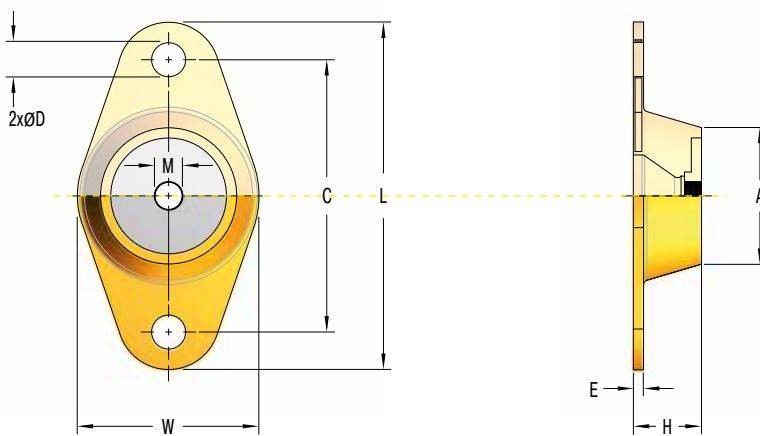
Properties

- Pre-tensioned to enhance efficiency
- Isolates structure-borne noise
- Low-frequency application range from about 15 Hz
- Rugged
- Maintenance-free
- All metal parts galvanised (ROHS compliant)
- Rubber part made of neoprene (chloroprene rubber)
- Operating temperature range -30 °C to +80 °C

Areas of application

- Centrifuges
- Blowers
- Vibrators and crusher plants
- Compressors and ventilation systems
- Injection moulding systems
- Switch cabinets
- Military and off-road vehicles

COM – Compression Mounts



COM-5250x / COM-5252x / COM-5254x



Type	Colour Code*	Min. Load kg	Max. Load kg	M	L mm	W mm	H mm	A mm	C mm	D mm	E mm
COM-52501	blue	6.3	15.9	M8x1.25	79.4	44.5	25.4	31.8	60.3	8.7	4.8
COM-52502	black	8.2	20.4	M8x1.25	79.4	44.5	25.4	31.8	60.3	8.7	4.8
COM-52503	red	12.7	31.8	M8x1.25	79.4	44.5	25.4	31.8	60.3	8.7	4.8
COM-52504	green	21.8	54.4	M8x1.25	79.4	44.5	25.4	31.8	60.3	8.7	4.8
COM-52521	blue	24.5	61.2	M10x1.5	98.4	60.3	31.8	44.5	76.2	8.7	5.6
COM-52522	black	30.8	77.1	M10x1.5	98.4	60.3	31.8	44.5	76.2	8.7	5.6
COM-52523	red	43.6	108.9	M10x1.5	98.4	60.3	31.8	44.5	76.2	8.7	5.6
COM-52524	green	69.0	172.4	M10x1.5	98.4	60.3	31.8	44.5	76.2	8.7	5.6
COM-52525	grey	99.8	249.5	M10x1.5	98.4	60.3	31.8	44.5	76.2	8.7	5.6
COM-52541	black	45.4	113.4	M12x1.75	139.7	85.7	44.5	63.5	104.8	14.3	6.4
COM-52542	red	95.2	238.1	M12x1.75	139.7	85.7	44.5	63.5	104.8	14.3	6.4
COM-52543	green	136.1	340.2	M12x1.75	139.7	85.7	44.5	63.5	104.8	14.3	6.4
COM-52544	grey	199.6	499.0	M12x1.75	139.7	85.7	44.5	63.5	104.8	14.3	6.4

* The colour code is for identifying the loading capacity. The products are marked in colour accordingly.

COM-5251x / COM-5253x / COM-5255x



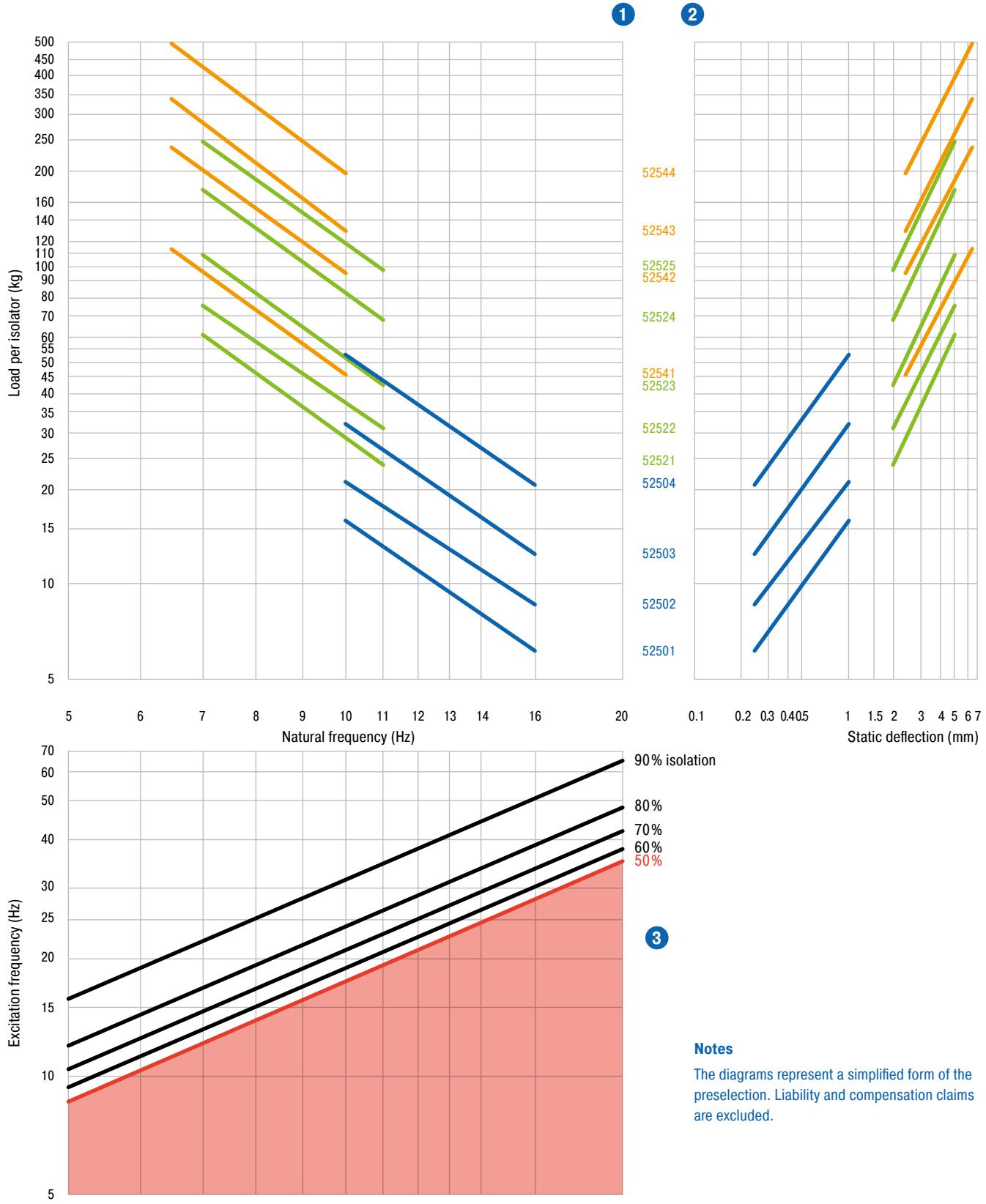
Type	Colour Code*	Min. Load kg	Max. Load kg	M	L mm	W mm	H mm	A mm	C mm	D mm	E mm
COM-52511	blue	6.3	15.9	M8x1.25	79.4	44.5	31.8	31.8	60.3	8.7	4.8
COM-52512	black	8.2	20.4	M8x1.25	79.4	44.5	31.8	31.8	60.3	8.7	4.8
COM-52513	red	12.7	31.8	M8x1.25	79.4	44.5	31.8	31.8	60.3	8.7	4.8
COM-52514	green	21.8	54.4	M8x1.25	79.4	44.5	31.8	31.8	60.3	8.7	4.8
COM-52531	blue	24.5	61.2	M10x1.5	98.4	60.3	44.5	44.5	76.2	8.7	5.6
COM-52532	black	30.8	77.1	M10x1.5	98.4	60.3	44.5	44.5	76.2	8.7	5.6
COM-52533	red	43.6	108.9	M10x1.5	98.4	60.3	44.5	44.5	76.2	8.7	5.6
COM-52534	green	69.0	172.4	M10x1.5	98.4	60.3	44.5	44.5	76.2	8.7	5.6
COM-52535	grey	99.8	249.5	M10x1.5	98.4	60.3	44.5	44.5	76.2	8.7	5.6
COM-52551	black	45.4	113.4	M12x1.75	139.7	85.7	73	63.5	104.8	14.3	6.4
COM-52552	red	95.2	238.1	M12x1.75	139.7	85.7	73	63.5	104.8	14.3	6.4
COM-52553	green	136.1	340.2	M12x1.75	139.7	85.7	73	63.5	104.8	14.3	6.4
COM-52554	grey	199.6	499.0	M12x1.75	139.7	85.7	73	63.5	104.8	14.3	6.4

* The colour code is for identifying the loading capacity. The products are marked in colour accordingly.

COM – Compression Mounts

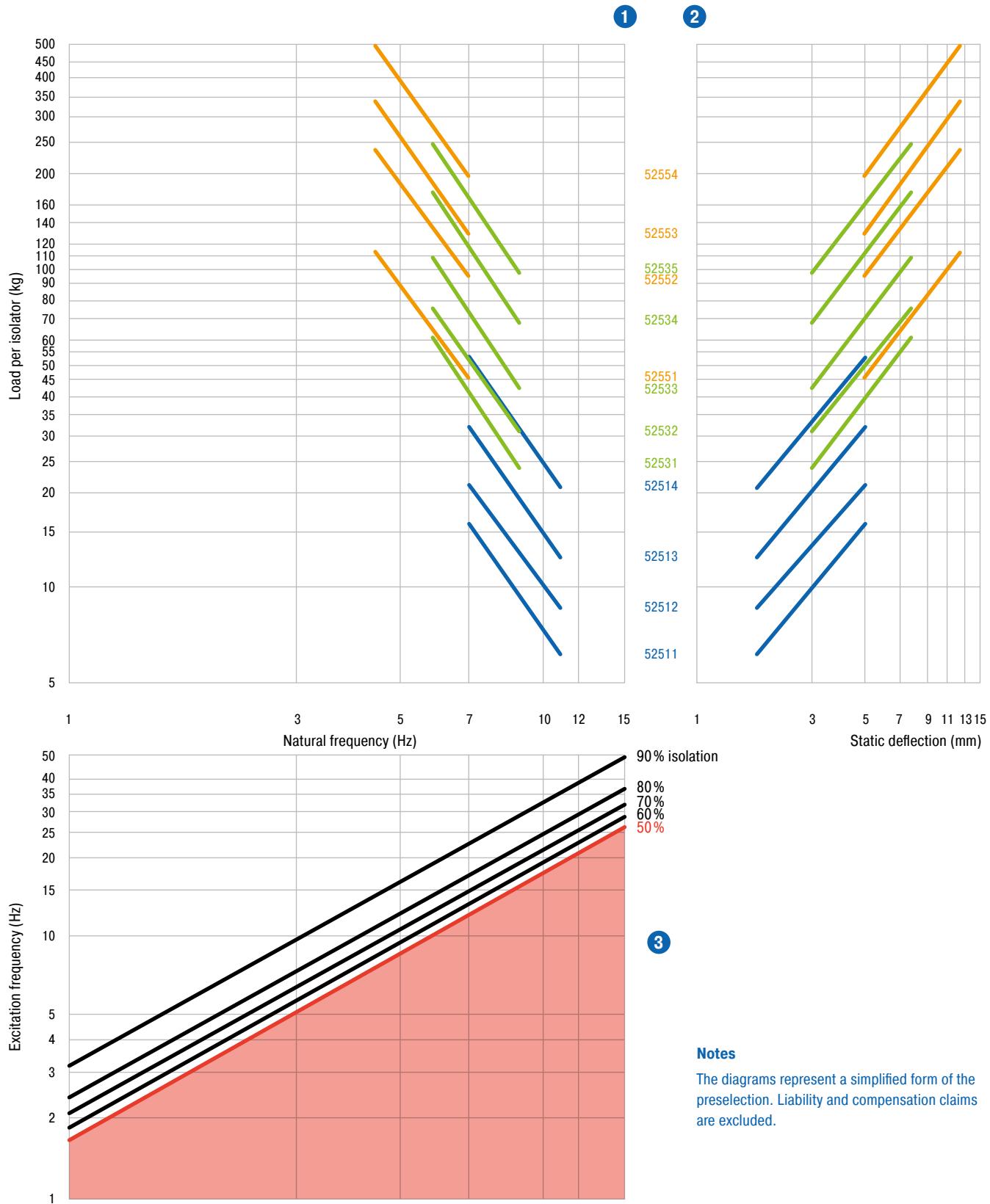


COM-5250x / COM-5252x / COM-5254x



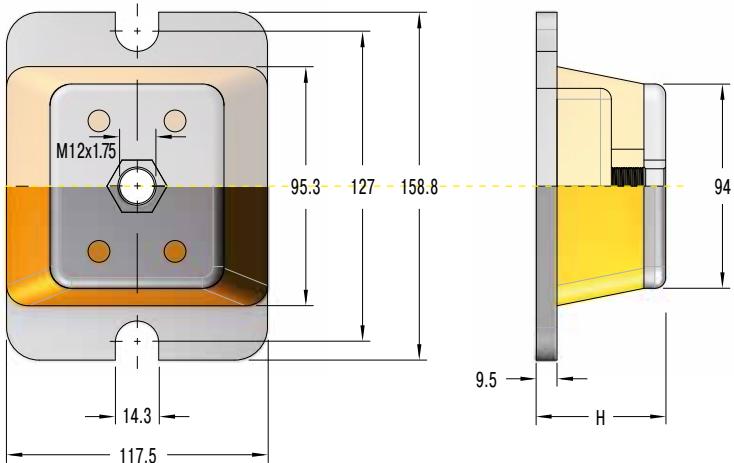


COM-5251x / COM-5253x / COM-5255x



COM – Compression Mounts

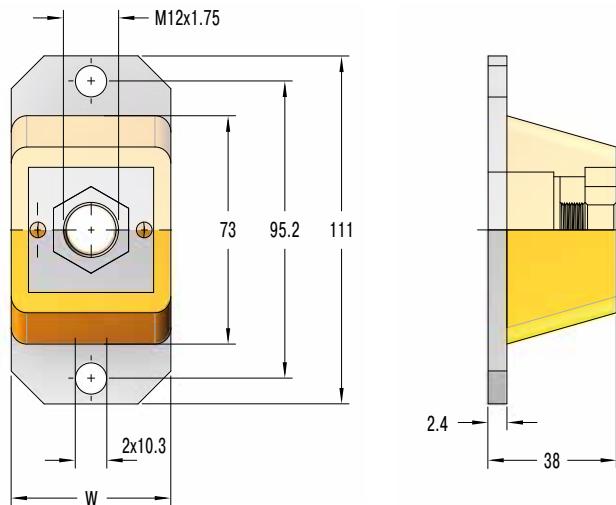
COM-5256x / COM-5257x



Type	Colour Code*	Min. Load kg	Max. Load kg	H mm
COM-52561	black	272.2	680.4	41.3
COM-52562	red	408.2	1020.6	41.3
COM-52563	green	544.3	1360.8	41.3
COM-52564	grey	725.8	1814.4	41.3
COM-52571	black	272.2	680.4	69.9
COM-52572	red	408.2	1020.6	69.9
COM-52573	green	544.3	1360.8	69.9
COM-52574	grey	725.8	1814.4	69.9

* The colour code is for identifying the loading capacity.
The products are marked in colour accordingly.

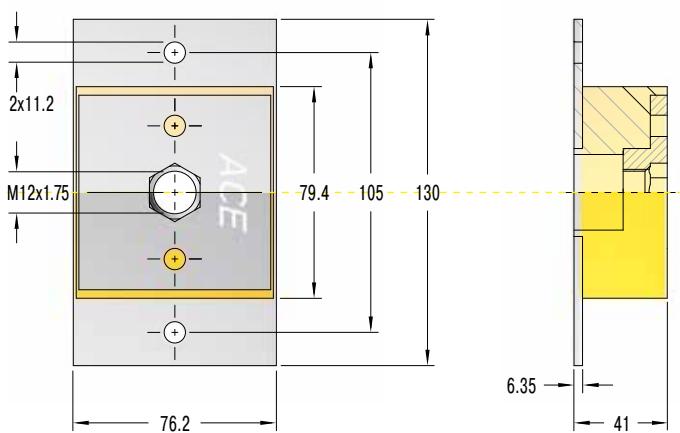
COM-5216x



Type	Colour Code*	Min. Load kg	Max. Load kg	W mm
COM-52160	yellow	10.9	27.2	50.8
COM-52161	red	18.2	45.4	50.8
COM-52162	green	27.2	68.0	50.8
COM-52163	blue	36.3	90.7	50.8
COM-52164	red	36.3	90.7	101.6
COM-52165	green	50.8	127.0	101.6
COM-52166	blue	90.7	226.8	101.6
COM-52167	white	127.0	317.5	101.6

* The colour code is for identifying the loading capacity.
The products are marked in colour accordingly.

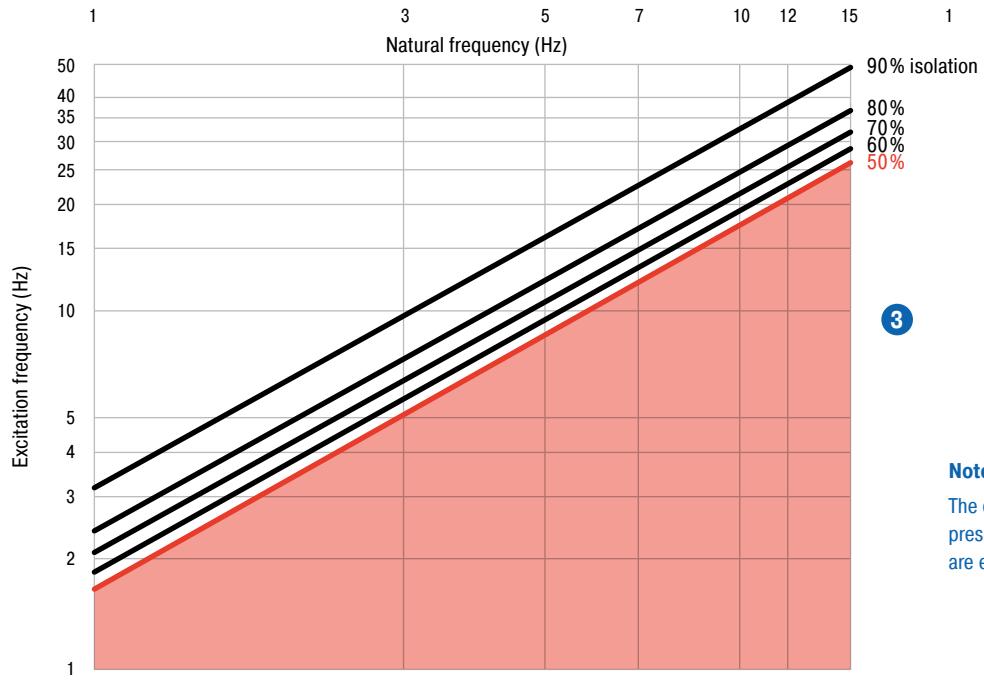
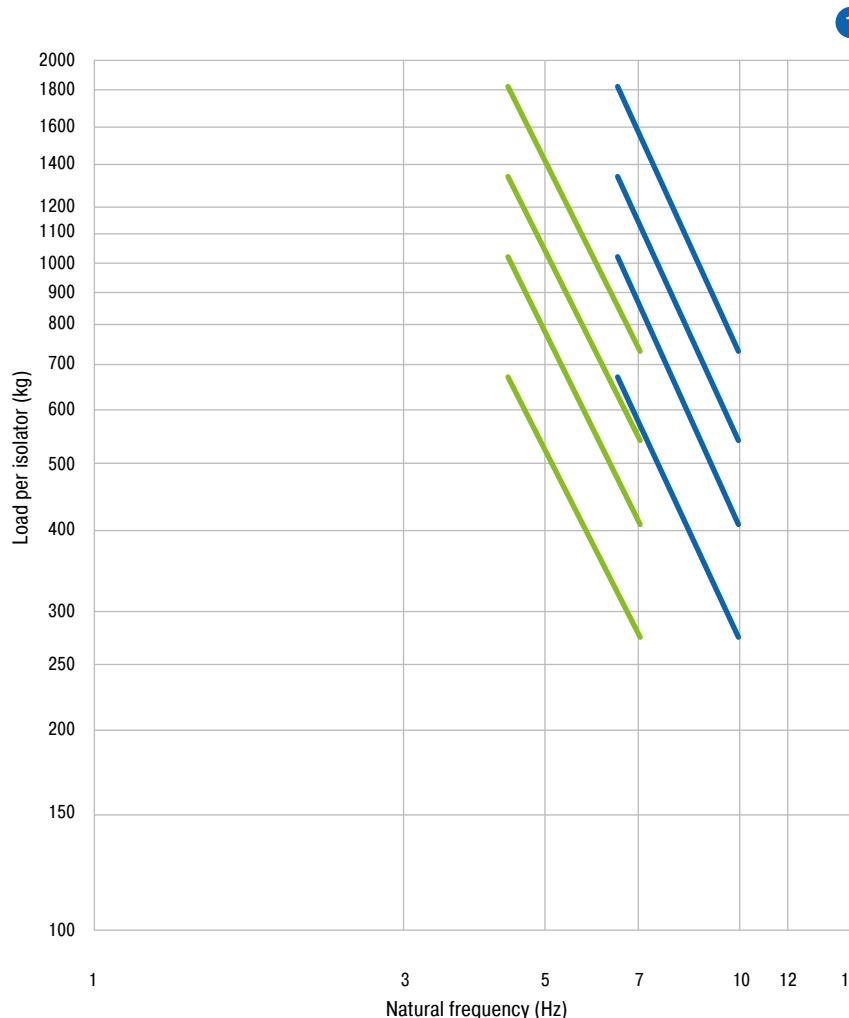
COM-5217x



Type	Colour Code*	Min. Load kg	Max. Load kg
COM-52171	red	127.0	317.5
COM-52172	green	181.4	453.6
COM-52173	blue	272.2	680.4
COM-52174	white	453.6	1134.0

* The colour code is for identifying the loading capacity.
The products are marked in colour accordingly.

COM-5256x / 5257x



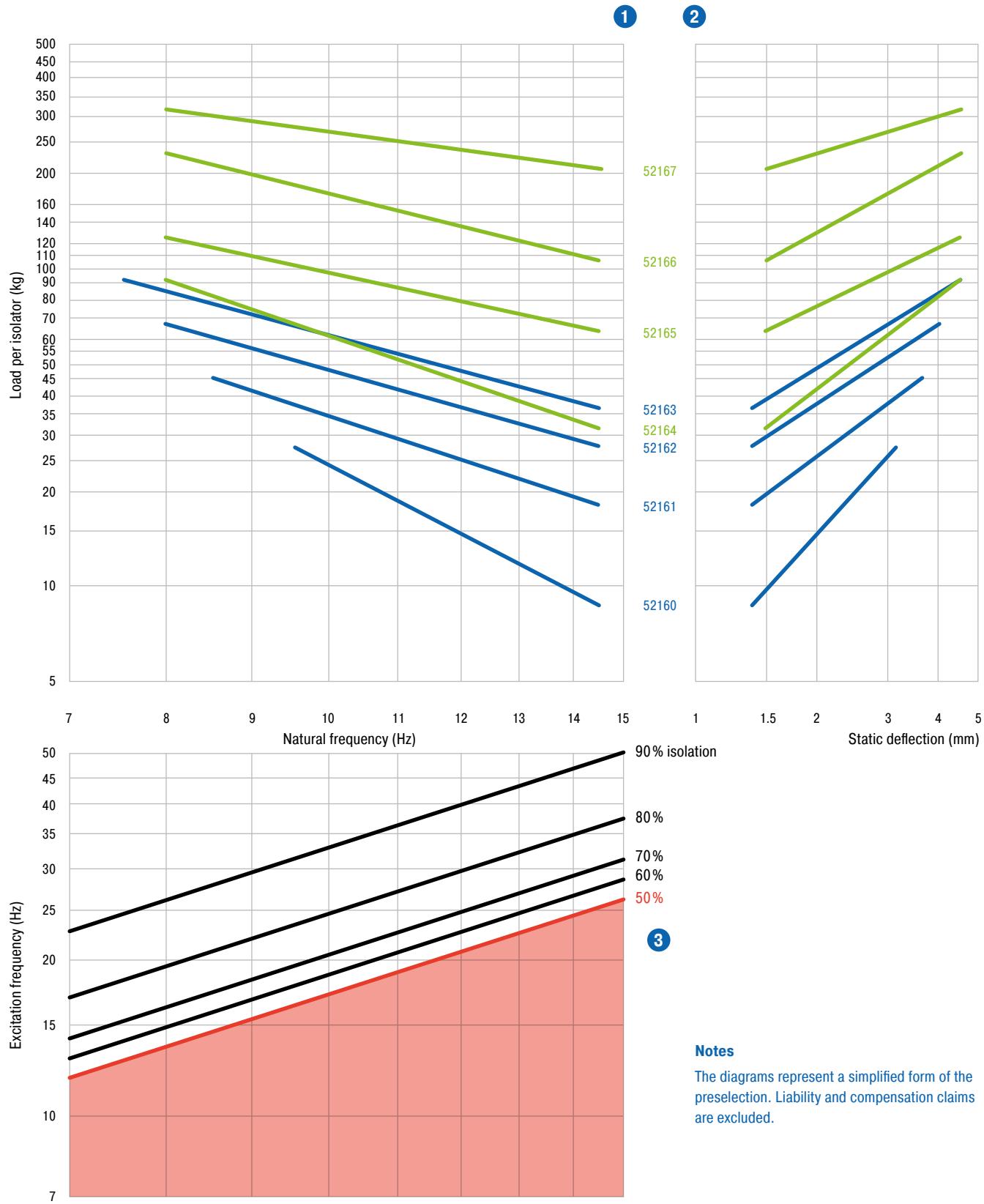
Notes

The diagrams represent a simplified form of the preselection. Liability and compensation claims are excluded.

COM – Compression Mounts

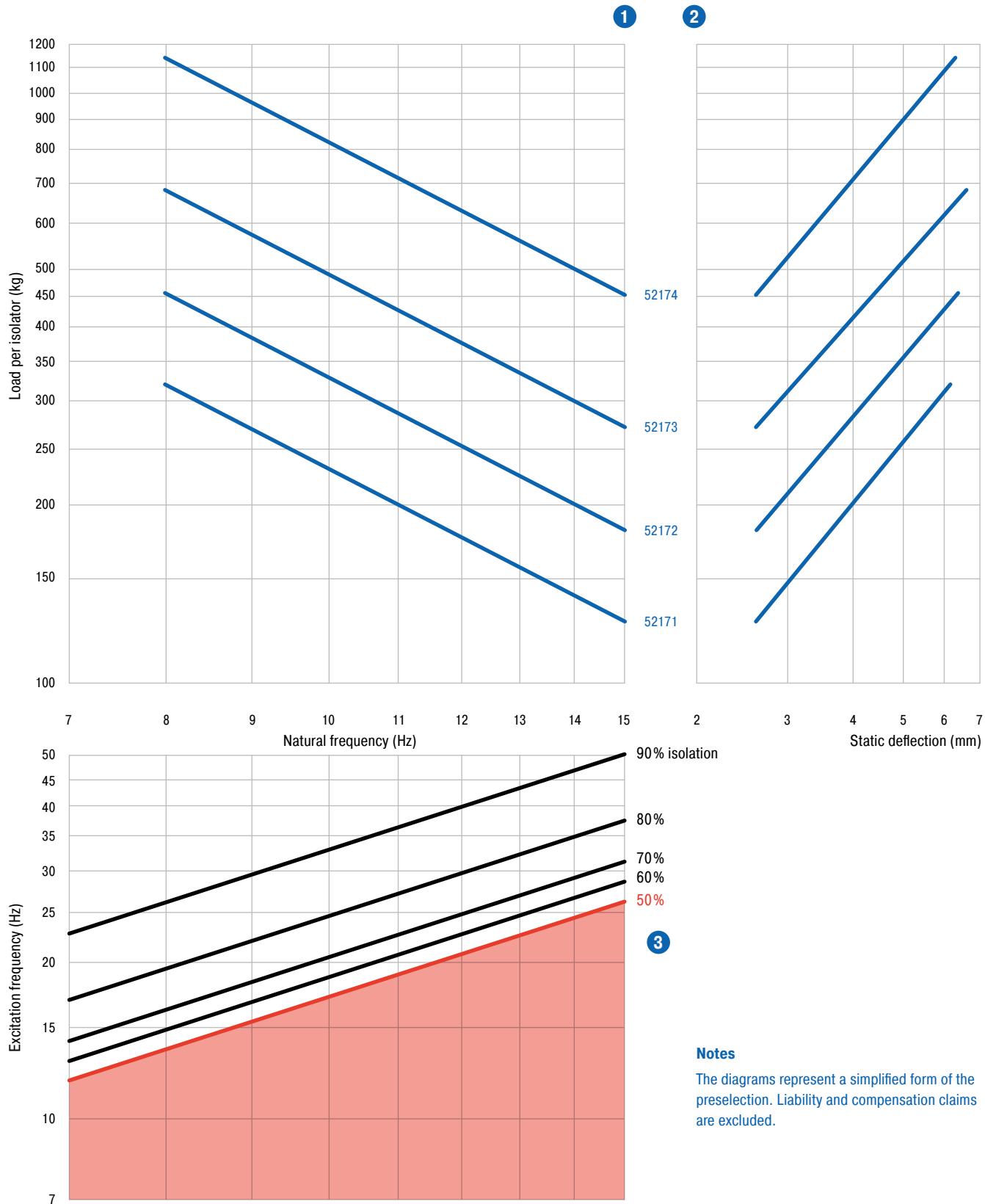


COM-5216x



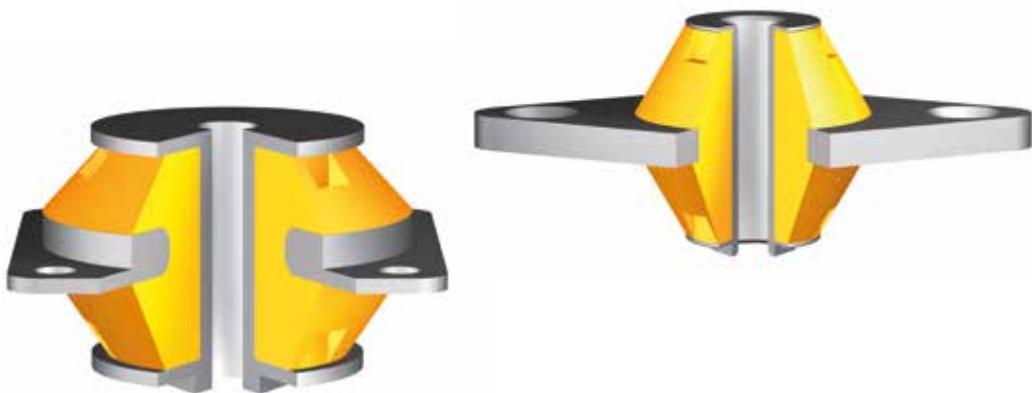


COM-5217x



Notes

The diagrams represent a simplified form of the preselection. Liability and compensation claims are excluded.



AAM

All Attitude Mounts

Vibration-isolating fasteners

The vibration-isolating fasteners (all-attitude mounts) of the AAM product group are maintenance-free and ready-to-install isolators that can reduce vibrations and shocks in all directions. The isolation effect is achieved by a special neoprene- or silicone-elastomer.

For applications in which shock absorption is particularly important, the AAMs can also be manufactured with high-damping silicone. The elements can be installed in all spatial axes. The AAM range is used mainly for isolating lighter electronic equipment and components.

Properties

- Can be installed in all spatial axes
- Can be used for shear, compressive and tensile loads
- Special applications with high-damping silicone possible
- Shock absorption possible
- All metal parts galvanised (ROHS compliant)
- Rubber part made of neoprene (chloroprene rubber) or silicone, depending on the type
- Operating temperature range -30 °C to +80 °C

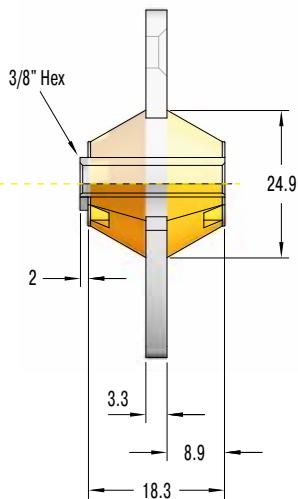
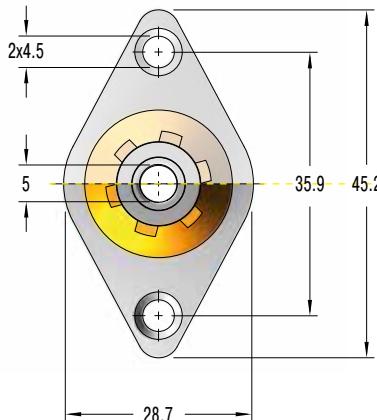
Areas of application

- Electronic equipment and control units
- Off-road vehicles
- Military

AAM – All Attitude Mounts



AAM-5642x



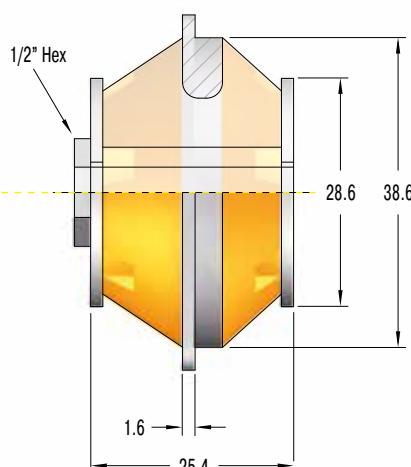
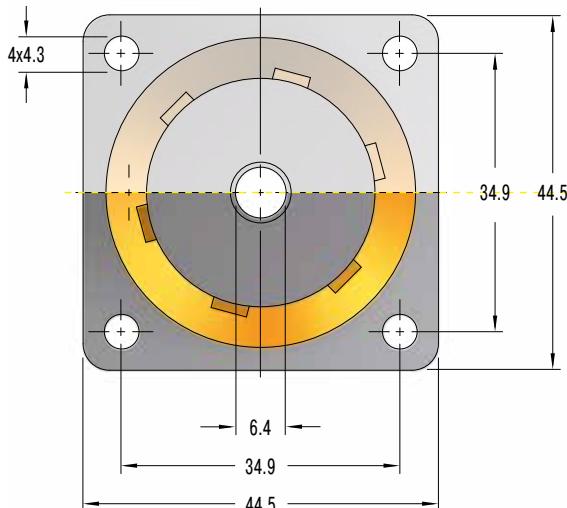
Type	Colour Code*	Min. Load kg	Max. Load kg
AAM-56423	grey	0.5	1.4
AAM-56424	red	0.8	2.0
AAM-56425	yellow	1.3	3.2
AAM-56426	green	1.8	4.5

* The colour code is for identifying the loading capacity.

The products are marked in colour accordingly.

Standard material: Silicone

AAM-5220x



Type	Colour Code*	Min. Load kg	Max. Load kg
AAM-52205	red	1.3	6.8
AAM-52206	green	1.8	11.3
AAM-52207	yellow	2.7	15.9
AAM-52208	blue	4.1	22.7

* The colour code is for identifying the loading capacity.

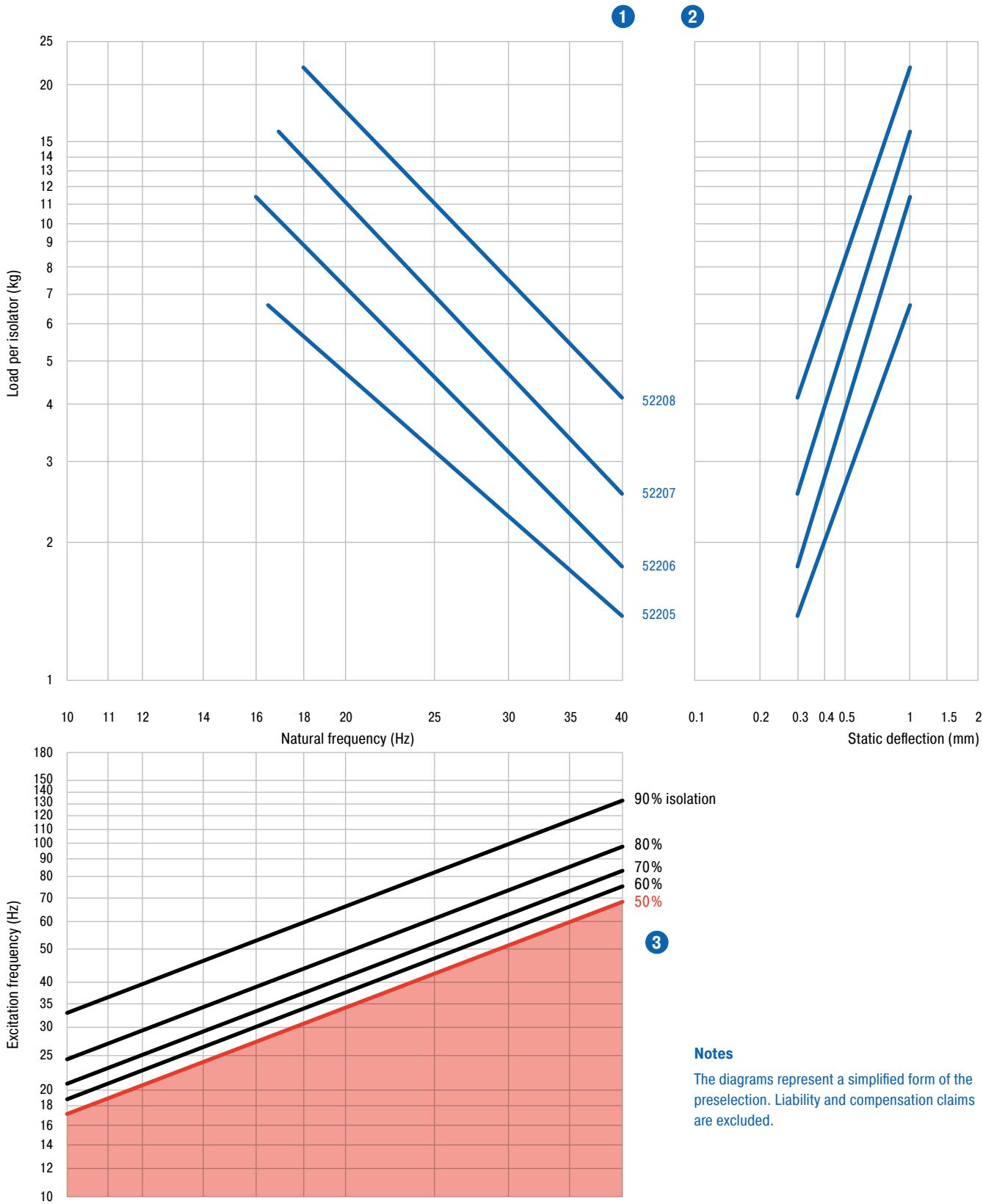
The products are marked in colour accordingly.

Standard material: Neoprene, silicone alternatively available

AAM – All Attitude Mounts



AAM-5220x

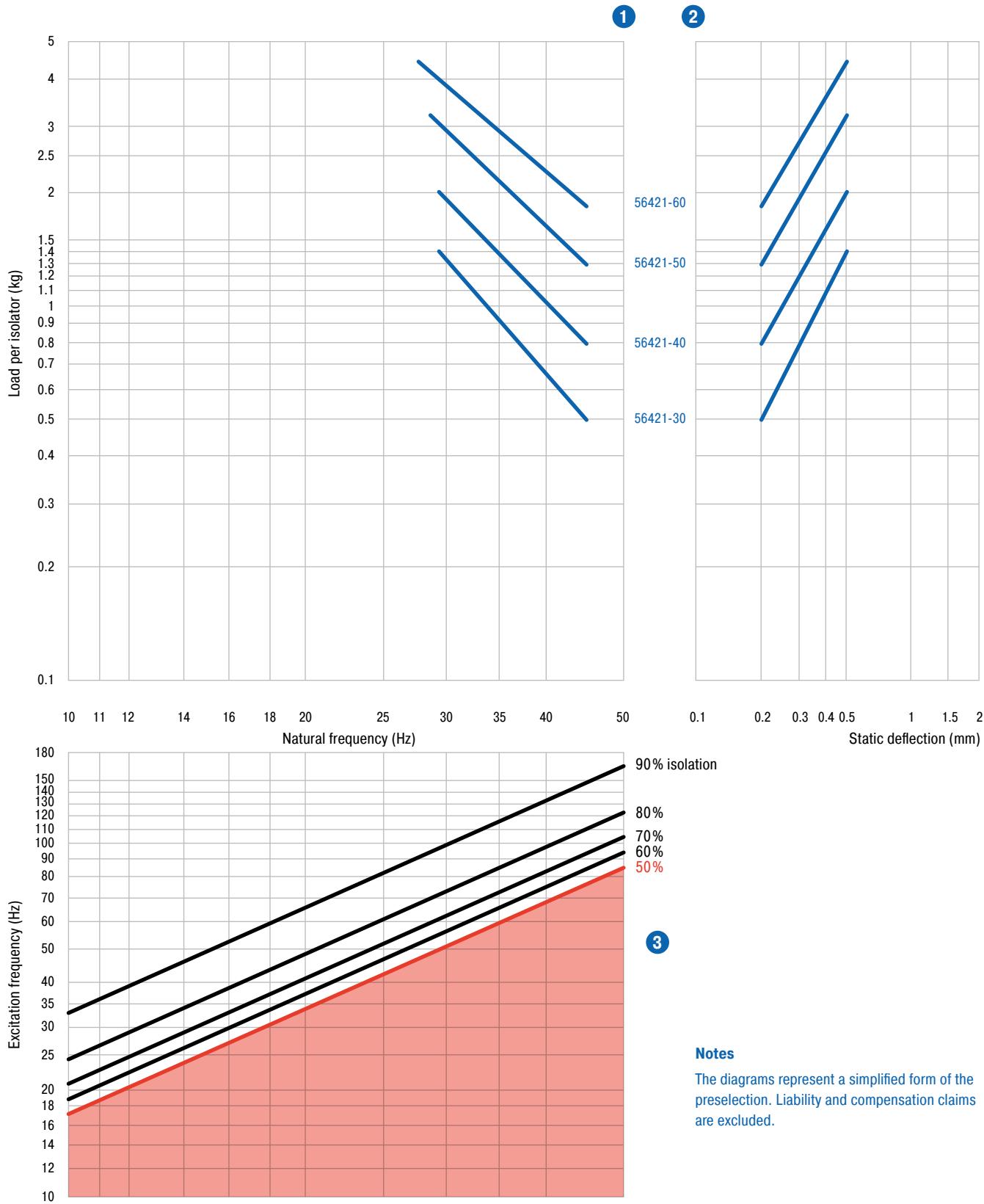


Notes

The diagrams represent a simplified form of the preselection. Liability and compensation claims are excluded.



AAM-5642x



Notes

The diagrams represent a simplified form of the preselection. Liability and compensation claims are excluded.



SFM

Stable Flex Mounts

Stable machine feet

These rugged, fail-safe isolators of the SFM product group are maintenance-free, ready-to-install machine elements. Neoprene is used as the standard damping material for these extremely effective fasteners.

The isolators are used in marine applications and for diesel generators. The SFMs are available in three sizes for applications from 20 kg to 1,000 kg. Their longitudinal rigidity is by a factor of 2.5 higher than their vertical rigidity. The transversal rigidity is by a factor of 0.75 lower than the vertical rigidity. Under maximum load, the SFMs have a natural frequency of only 8 Hz.

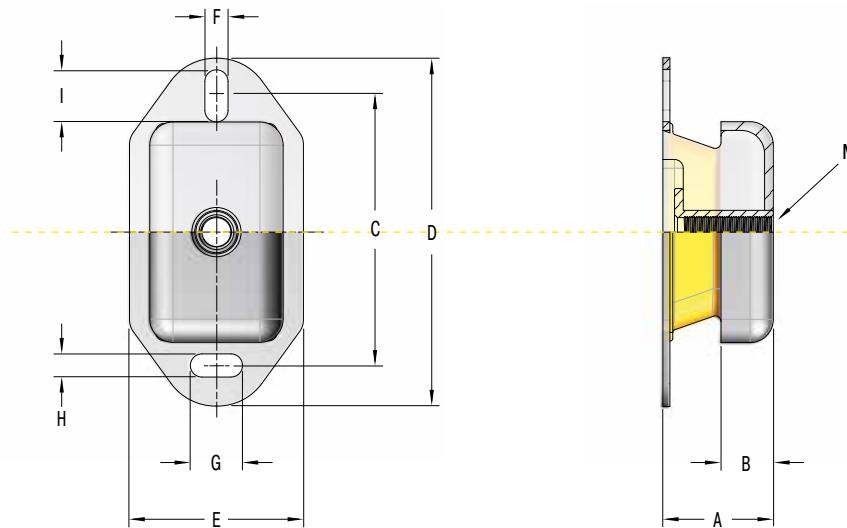
Properties

- Fail-safe
- Low natural frequency
- Rugged
- Versatile
- Maintenance-free
- All metal parts galvanised (ROHS compliant)
- Rubber part made of neoprene (chloroprene rubber)
- Operating temperature range -30 °C to +80 °C

Areas of application

- Power generation
- Off-road vehicles
- Diesel and marine applications

SFM-52010-xx / SFM-52011-xx / SFM-52012-xx

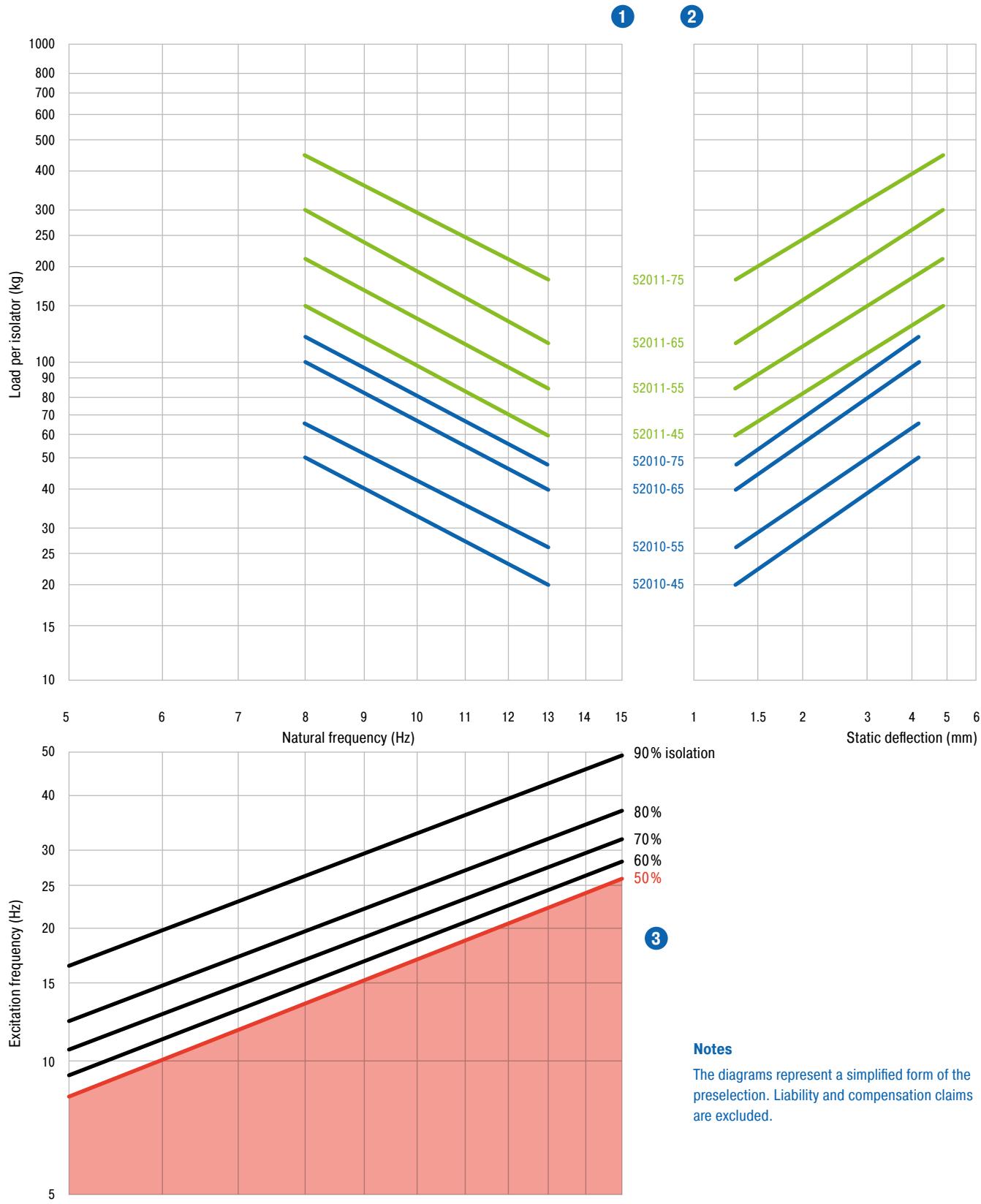


Type	Min. Load kg	Max. Load kg	M	A mm	B mm	C mm	D mm	E mm	F mm	G mm	H mm	I mm
SFM-52010-45	20.0	49.9	M12	38.6	20.1	100.1	119.9	59.9	14.2	14.0	10.9	14.0
SFM-52010-55	26.3	65.8	M12	38.6	20.1	100.1	119.9	59.9	14.2	14.0	10.9	14.0
SFM-52010-65	39.9	99.8	M12	38.6	20.1	100.1	119.9	59.9	14.2	14.0	10.9	14.0
SFM-52010-75	48.1	120.2	M12	38.6	20.1	100.1	119.9	59.9	14.2	14.0	10.9	14.0
SFM-52011-45	59.9	149.7	M16	50.0	27.9	140.0	182.9	74.9	13.0	30.0	13.0	20.3
SFM-52011-55	84.4	210.9	M16	50.0	27.9	140.0	182.9	74.9	13.0	30.0	13.0	20.3
SFM-52011-65	119.8	299.4	M16	50.0	27.9	140.0	182.9	74.9	13.0	30.0	13.0	20.3
SFM-52011-75	179.6	449.1	M16	50.0	27.9	140.0	182.9	74.9	13.0	30.0	13.0	20.3
SFM-52012-45	139.7	349.3	M20	72.6	41.9	182.1	228.1	112.0	18.0	34.0	18.0	26.7
SFM-52012-55	207.8	519.4	M20	72.6	41.9	182.1	228.1	112.0	18.0	34.0	18.0	26.7
SFM-52012-65	281.2	703.1	M20	72.6	41.9	182.1	228.1	112.0	18.0	34.0	18.0	26.7
SFM-52012-75	399.2	997.9	M20	72.6	41.9	182.1	228.1	112.0	18.0	34.0	18.0	26.7

SFM – Stable Flex Mounts

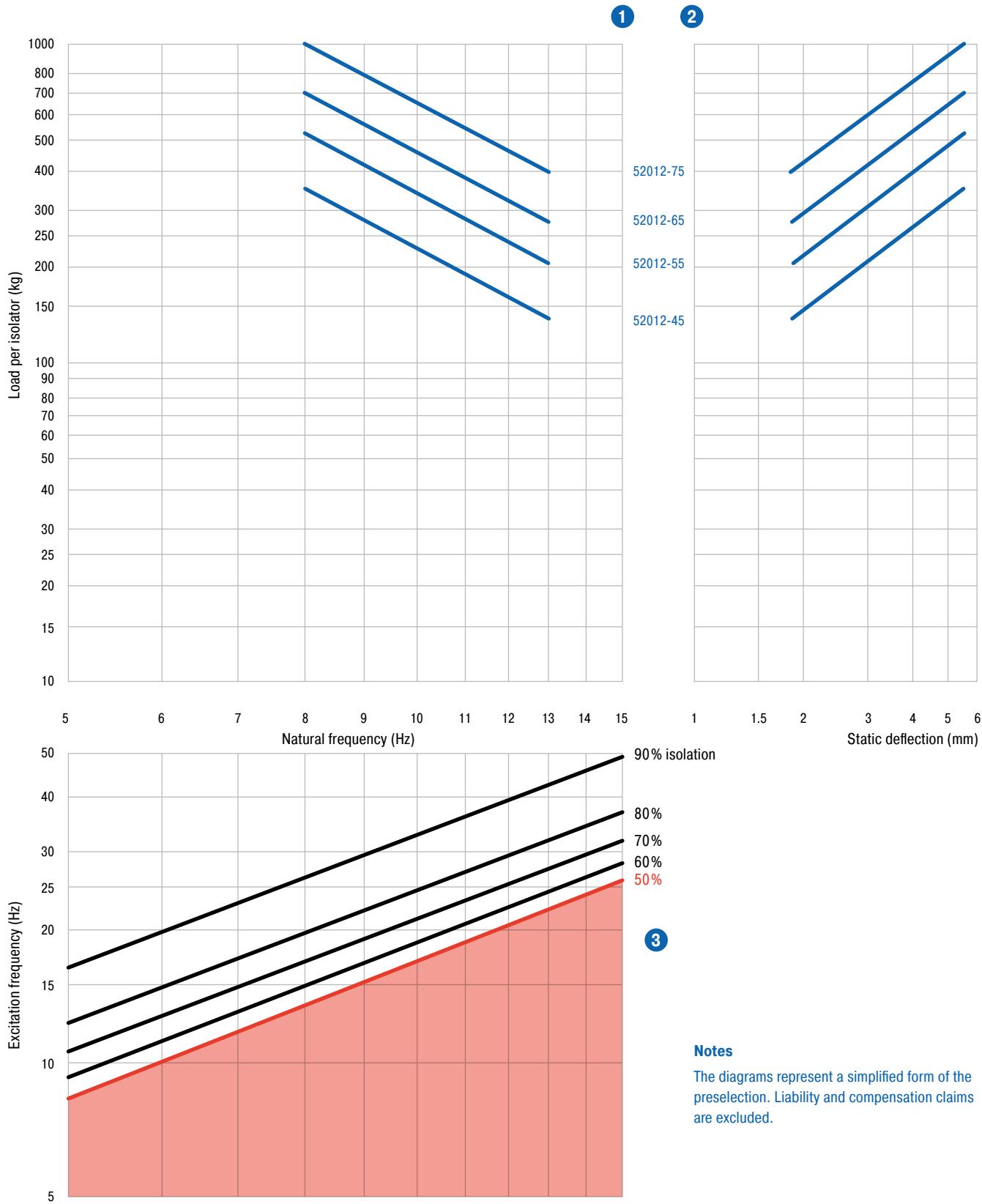


SFM-52010 / SFM-52011





SFM-52012



BM – Bubble Mounts



BM

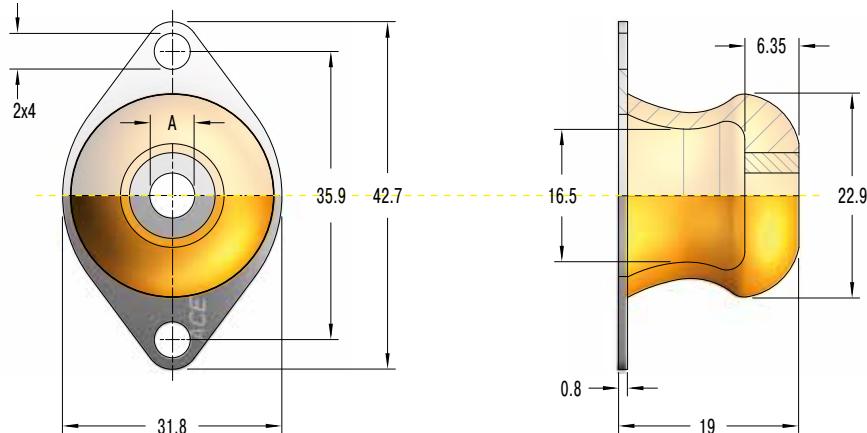
Bubble Mounts

Low-frequency vibration isolators

The BM low-frequency vibration dampers are used to isolate small devices, electronic components and control units.

BMs are mainly used in vertical compressive stresses under load. They efficiently protect electronic or medical equipment against damaging vibrations and shocks.

BM-5064x BM-5068x



Properties

- Good shock absorption
- Low natural frequency
- Small, light design
- All metal parts galvanised (ROHS compliant)
- Rubber part made of neoprene (chloroprene rubber), silicone available on request
- Operating temperature range -30 °C to +80 °C

Areas of application

- Medical technology
- Computers
- Electronic equipment
- Aerospace

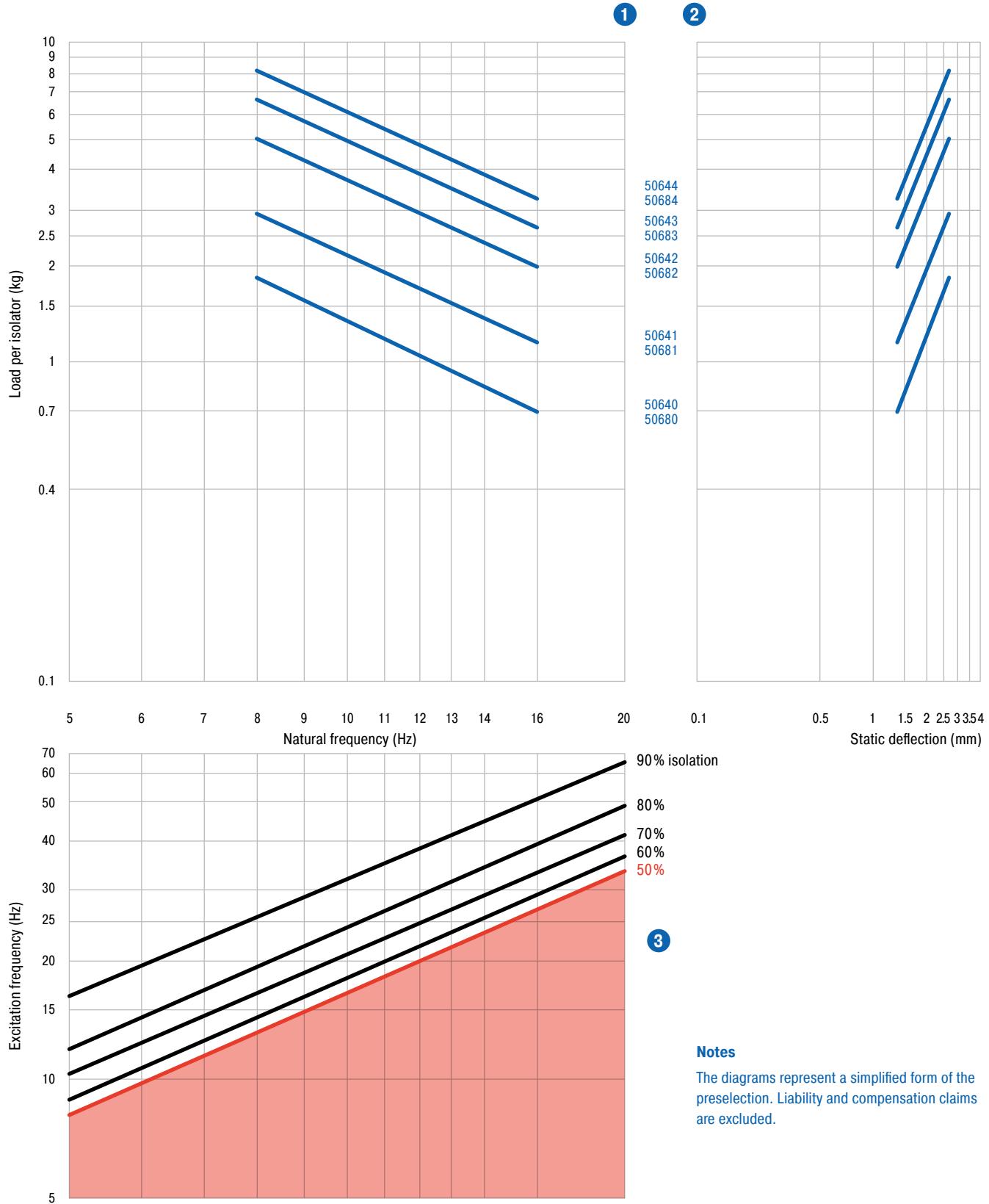
Type	Colour Code*	Min. Load kg	Max. Load kg	A mm
BM-50640	yellow	0.7	1.8	4.3
BM-50641	red	1.2	2.9	4.3
BM-50642	green	2.2	5.0	4.3
BM-50643	blue	2.7	6.8	4.3
BM-50644	white	3.3	8.2	4.3
BM-50680	yellow	0.7	1.8	6.5
BM-50681	red	1.2	2.9	6.5
BM-50682	green	2.2	5.0	6.5
BM-50683	blue	2.7	6.8	6.5
BM-50684	white	3.3	8.2	6.5

* The colour code is for identifying the loading capacity.
The products are marked in colour accordingly.

BM – Bubble Mounts



BM-5064x / BM-5068x



Notes

The diagrams represent a simplified form of the preselection. Liability and compensation claims are excluded.



UMO

Universal Mounts

Universal connection isolators

UMOs (universal mounts) are two-part isolators for connecting machines or plants with bordering components, such as cabins or housings.

The UMOs can be installed in any spatial position and effectively decouple two components from each other. A galvanised metal limiting sleeve is vulcanised into the elastomer cylinders. The UMOs can be used within the wide temperature range of -30 °C to +80 °C.

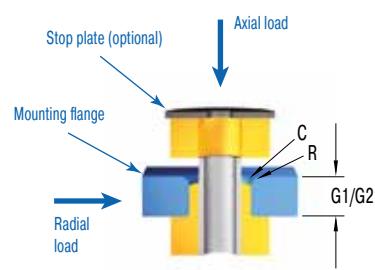
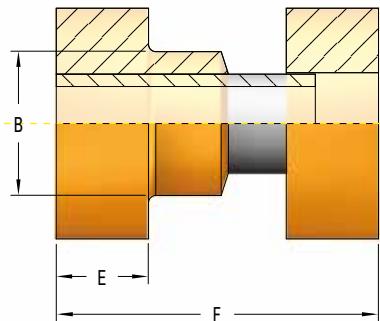
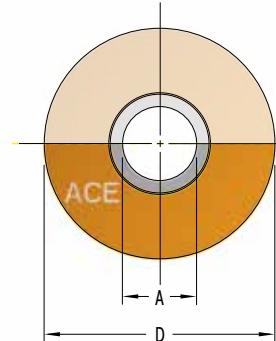
Properties

- Can be installed in all spatial axes
- Can be used for shear, compressive and tensile loads
- Simple design
- Fail-safe with the use of stop washers
- All metal parts galvanised (ROHS compliant)
- Rubber part made of neoprene (chloroprene rubber), silicone available on request
- Operating temperature range -30 °C to +80 °C

Areas of application

- Machinery and equipment
- Conveying systems
- Compressors
- Generators
- Shipbuilding
- Construction machines
- Agricultural machines
- Off-road vehicles
- Transport industry

UMO-600xx



C = Mounting hole in flange

R = Required radius

F = Length in installed condition

Type	A mm	B mm	C mm	D mm	E mm	F mm	G1 mm	G2 mm	R mm
UMO-60011 - 60015	9.9	19.8	19.0	31.8	12.7	31.8	9.4		0.75
UMO-60021 - 60025	13.5	33.3	31.8	47.5	19.8	49.3	12.7	14.2	1.5
UMO-60031 - 60035	16.3	39.4	38.1	64.3	22.9	62.2	19.1	22.4	2.0
UMO-60041 - 60045	23.9	58.4	57.2	88.9	25.4	73.2	25.4	28.0	3.0
UMO-60051 - 60055	26.9	64.8	63.5	124.0	31.8	85.9	25.4	28.4	3.0

Type	Colour Code*	Shore (+5)	Load with plate thickness G1				Load with plate thickness G2			
			axial kg	radial kg	fe Hz	T1 Nm	axial kg	radial kg	fe Hz	T2 Nm
UMO-60011	yellow	35	20	10	15	10				
UMO-60012	red	45	40	15	15	10				
UMO-60013	green	55	65	20	15	10				
UMO-60014	blue	65	115	25	15	10				
UMO-60015	white	75	140	30	15	10				
UMO-60021	yellow	35	30	20	15	13	60	25	12	14
UMO-60022	red	45	55	40	15	13	80	30	12	14
UMO-60023	green	55	75	60	15	13	110	40	12	14
UMO-60024	blue	65	120	80	15	13	175	75	12	14
UMO-60025	white	75	175	130	15	13	285	125	12	14
UMO-60031	yellow	35	40	30	15	19	95	40	11	22
UMO-60032	red	45	70	50	15	19	160	65	11	22
UMO-60033	green	55	105	75	15	19	220	100	11	22
UMO-60034	blue	65	150	110	15	19	390	175	11	22
UMO-60035	white	75	230	165	15	19	600	315	11	22
UMO-60041	yellow	35	70	50	15	25	125	60	10	28.6
UMO-60042	red	45	140	100	15	25	230	105	10	28.6
UMO-60043	green	55	180	140	15	25	350	155	10	28.6
UMO-60044	blue	65	230	180	15	25	530	265	10	28.6
UMO-60045	white	75	365	265	15	25	950	440	10	28.6
UMO-60051	yellow	35	140	70	15	25	515	110	10	32
UMO-60052	red	45	230	100	15	25	875	155	10	32
UMO-60053	green	55	320	140	15	25	1170	275	10	32
UMO-60054	blue	65	410	215	15	25	1600	400	10	32
UMO-60055	white	75	545	300	15	25	2065	640	10	32

* The colour code is for identifying the loading capacity. The products are marked in colour accordingly.



FL

Flex Locs

Quick fastening elements

FLs are removable quick fastening elements for vibration isolation and shock absorption as well as the isolation of structure-borne noise. Their extremely simple design is so selected that only one element can be used to effectively decouple two components from each other by tightening a fastening screw.

Standard metric screws (M3 to M8) can be used to tighten the connecting elements; no additional special tools are required. The FL elastic fasteners can be fixed via the screw connection into blind holes to connect panel elements to existing structures, for example. The inner threaded insert serves as an expansion element for fastening. The EPDM material used is resistant to ozone, oil and most acids. Standard FLs are available in 5 sizes from M3 to M8.

Properties

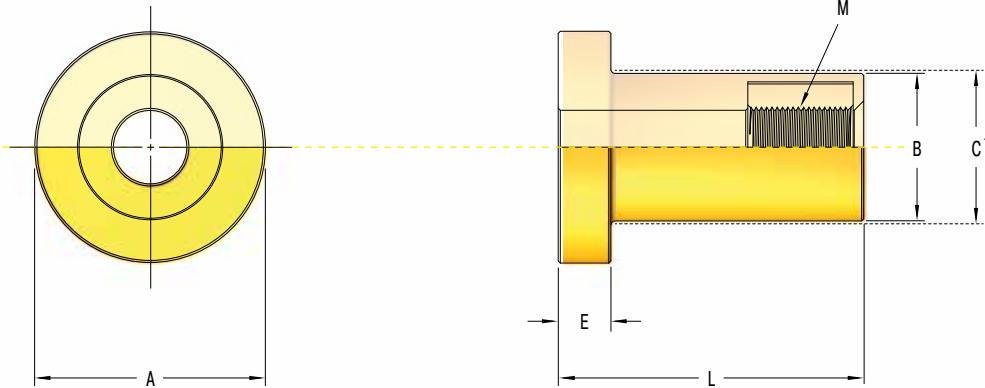
- Easy handling
- Efficient decoupling of housings
- No special tools necessary
- Isolates structure-borne noise
- Fail-safe
- Resistant to oil and UV radiation
- Rubber part made of neoprene (chloroprene rubber)
- Operating temperature range -30 °C to +80 °C

Areas of application

- Machines and assemblies
- Tiling, sheets and flanges
- Attachments to buildings
- Vehicles and transport industry
- Construction machines



FL-Q-x



Type	Sheet assembly		Blind hole assembly		M	A mm	B mm	C¹ mm	E mm	L mm	P² mm	T I³ Nm	T II⁴ Nm
	Pressure kg	Shear kg	Pressure / Shear kg	M									
FL-Q-3	5	2.5	1.0	M3	9	6.7	7.2 ⁰ _{-0.3}	2.5 ^{+0.4} ₀	11.5 ⁺¹ _{-0.5}	0.6 - 2.5	0.4 - 0.5	0.3 - 0.4	
FL-Q-4	7	3.5	1.0	M4	12	8.5	9.3 ⁰ _{-0.3}	3.0 ^{+0.4} ₀	14.5 ⁺¹ _{-0.5}	0.8 - 3.3	0.4 - 0.6	0.4 - 0.5	
FL-Q-5	10	5.0	1.5	M5	15	9.8	10.2 ⁰ _{-0.3}	3.5 ^{+0.4} ₀	18.0 ⁺¹ _{-0.5}	0.8 - 4.3	0.6 - 1.0	0.5 - 0.6	
FL-Q-6	14	7.0	3.0	M6	18	12.0	12.7 ⁰ _{-0.3}	4.0 ^{+0.4} ₀	21.0 ^{+/-1}	1.5 - 5.0	2.3 - 3.5	0.7 - 0.9	
FL-Q-8	28	14.0	5.0	M8	24	16.0	16.5 ⁰ _{-0.5}	5.0 ^{+0.4} ₀	27.0 ^{+/-1}	1.5 - 6.5	3.0 - 4.0	1.6 - 1.8	

¹ Corresponds to mounting hole

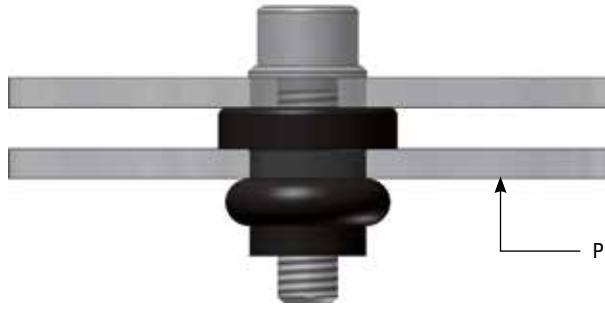
² Sheet thickness

³ Tightening torque T I (Drawing 01)

⁴ Tightening torque T II (Drawing 02)

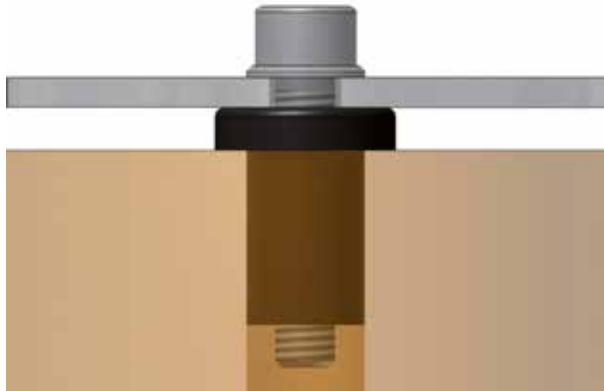
Sheet assembly

Drawing 01



Blind hole assembly

Drawing 02



Hard Bell Mounts

Mounts

Mounts which allow a high level of insulation especially used on generators, engines and systems with an operating frequency at around 25 Hz (1500 rpm). Axial stresses are perfectly absorbed and side deflections limited to guarantee a good stability. Hard bell mounts are designed with a fail-safe function making it an ideal solution for applications where safety is paramount.

Applications

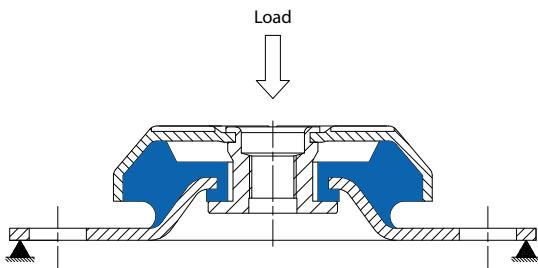
- Gensets
- Engines
- Tooling machinery
- Pumps
- Special equipment
- HVAC

Standard Production

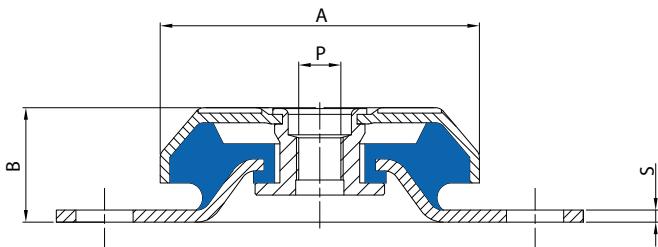
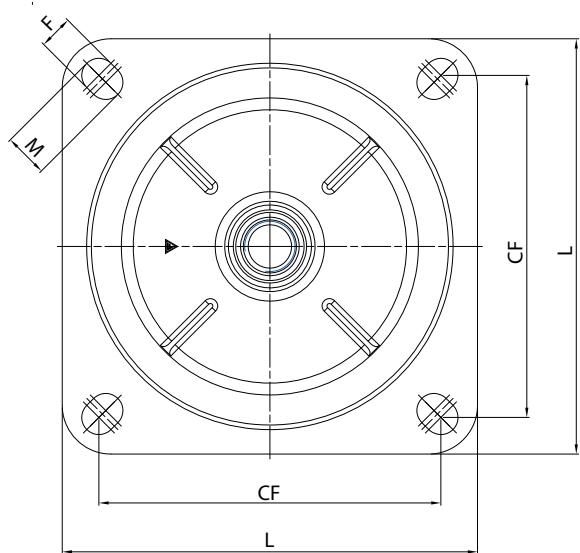
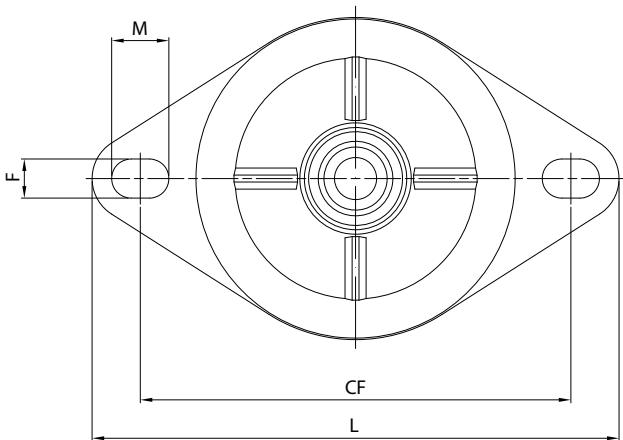
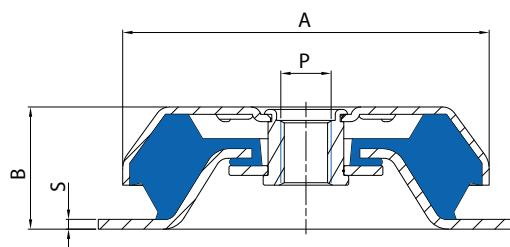
- Bell and flange: DD13 or DC04 steel (UNI EN 10111 o UNI EN 10130)
- Fail-safe device: 11SMnPb37 (UNI EN 10087)
- Natural rubber NR
- Zinc plated in accordance with CE standards CHROME VI free, white Stiffness tolerance +/- 15%

Options & Additional Parts

- Stainless steel version
- Height adjuster

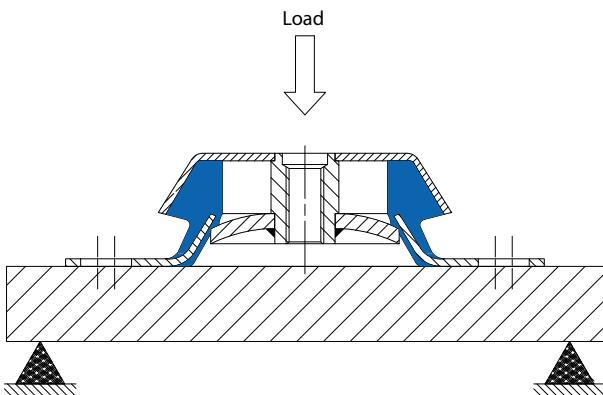
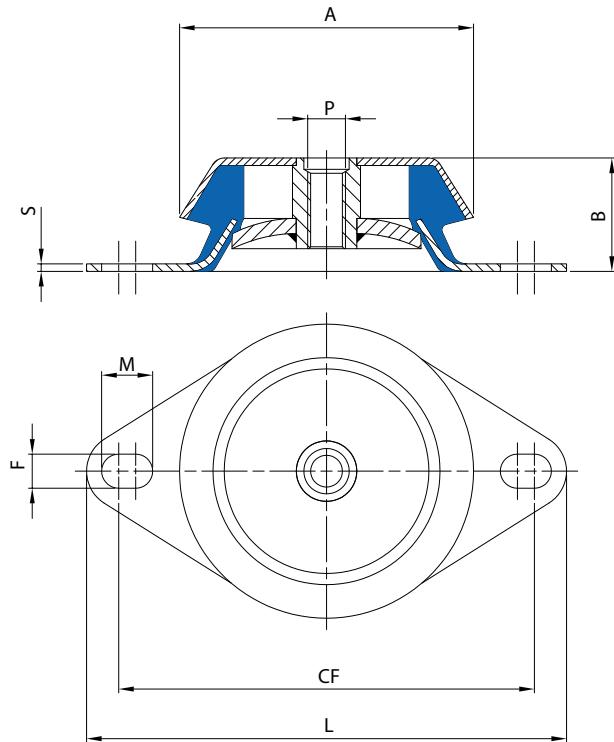


Hard bell mounts can withstand up to 2g of shock forces or 5g occasional shock forces with regard to the load without permanent deformation or failing

Type CFBMH**Type 1****Type CFBMH****Type 2**

Item	Hardness (IRHD)	A	B	P	FxM	CF	L	S	Average Stiffness (daN/mm)	Max. Load (daN)	Max Deflec. (mm)	Type
CFBMH783010W	45	78	30	M10	9X12	110	135	2,5	47,0	108,0	2,3	1
CFBMH783010M	60								116,0	267,0		
CFBMH783012W	45	78	30	M12	9X12	110	135	2,5	47,0	108,0	2,3	1
CFBMH783012M	60								116,0	267,0		
CFBMH923510W	45	92	35	M10	10X15	123,5	150	3	50,0	175,0	3,5	1
CFBMH923510M	60								90,0	315,0		
CFBMH923512W	45	92	35	M12	10X15	123,5	150	3	50,0	175,0	3,5	1
CFBMH923512M	60								90,0	315,0		
CFBMH1063812W	45	106	38	M12	13X19	143	175	4	70,0	252,0	3,6	1
CFBMH1063812M	60								150,0	450,0	3,0	
CFBMH1063816W	45	106	38	M16	13X19	143	175	4	70,0	252,0	3,6	1
CFBMH1063816M	60								150,0	450,0	3,0	
CFBMH1254316W	45	125	43	M16	14,5X20	156	192	4	88,0	352,0	4,0	1
CFBMH1254316M	60								185,0	740,0		
CFBMH1444816W	45	144	48	M16	14,5X18	182	215	5	100,0	700,0	7,0	1
CFBMH1444816M	60								200,0	1340,0	6,7	
CFBMH1605820W	45	160	58	M20	14,5X18	140	170	5	120,0	840,0	7,0	2
CFBMH1605820M	60								220,0	1540,0		
CFBMH1806620W	45	180	66	M20	14,5X18	160	190	5	160,0	1120,0	7,0	2
CFBMH1806620M	60								320,0	2240,0		

Type CCF



Hard bell mounts can withstand up to 2g of shock forces or 5g occasional shock forces with regard to the load without permanent deformation or failing

Item	Hardness (IRHD)	A	B	P	FxM	CF	L	S	Average Stiffness (daN/mm)	Max. Load (daN)	Max Deflec. (mm)
CCF603510W	45								45,0	110,0	
CCF603510M	60	60	35	M10	8,3X16	75	90	106	80,0	190,0	2,4
CCF603510H	70								120,0	290,0	
CCF603512W	45								45,0	110,0	
CCF603512M	60	60	35	M12	8,3X16	75	90	106	80,0	190,0	2,4
CCF603512H	70								120,0	290,0	
CCF623110W	45								50,0	125,0	
CCF623110M	60	62	31	M10	8,3X16	75	90	106	85,0	212,0	2,5
CCF623110H	70								125,0	312,0	
CCF623112W	45								50,0	125,0	
CCF623112M	60	62	31	M12	8,3X16	75	90	106	85,0	212,0	2,5
CCF623112H	70								125,0	312,0	
CCF773010W	45								42,0	147,0	
CCF773010M	60	77	30	M10	9	110		128	80,0	280,0	3,5
CCF773010H	70								120,0	420,0	
CCF823510W	45								65,0	200,0	
CCF823510M	60	82	35	M10	11	110		128	115,0	345,0	3,0
CCF924512W	45								100,0	300,0	
CCF924512M	60	92	45	M12	10,5	110		138	195,0	585,0	3,0
CCF924512H	70								310,0	930,0	
CCF1063812W	45								120,0	420,0	
CCF1063812M	60	106	38	M12	14X18	138	146	172	220,0	660,0	3,5
CCF1063812H	70								320,0	960,0	
CCF1063816W	45								120,0	420,0	
CCF1063816M	60	106	38	M16	14X18	138	146	172	220,0	660,0	3,5
CCF1063816H	70								320,0	960,0	
CCF1085016/5W	45								120,0	400,0	
CCF1085016/5M	60	108	50	M16	16,5	160		190	220,0	660,0	3,3
CCF1085016/5H	70								320,0	960,0	

Soft Bell Mounts

Mounts

Mounts which allow a high level of insulation especially used on generators, engines and systems with an operating frequency at around 25 Hz (1500 rpm). Axial stresses are perfectly absorbed and side deflections limited to guarantee a good stability. Soft bell mounts are designed with a fail-safe function making it an ideal solution for applications where safety is paramount.

Applications

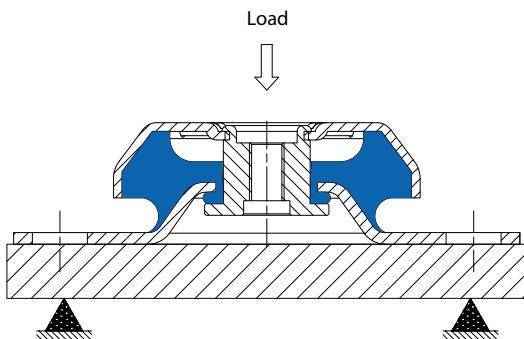
- Gensets
- Engines
- Tooling machinery
- Pumps
- Special equipment
- HVAC

Standard Production

- Bell and flange: DD13 or DC04 steel (UNI EN 10111 o UNI EN 10130)
- Fail-safe device: 11SMnPb37 (UNI EN 10087)
- Natural rubber NR
- Zinc plated in accordance with CE standard CHROME VI free, white
- Stiffness tolerance +/- 15%

Options & Additional Parts

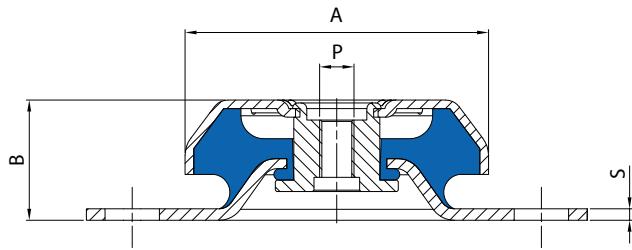
- Stainless steel version
- Height adjuster



Soft bell mounts can withstand up to 2g of shock forces or 5g occasional shock forces with regard to the load without permanent deformation or failing.

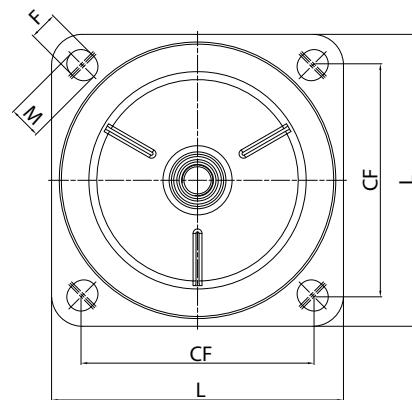
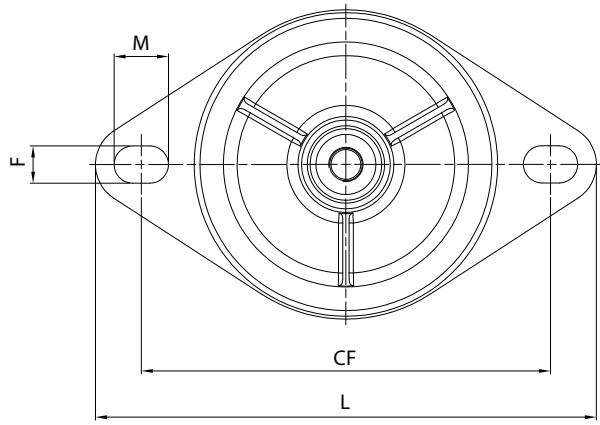
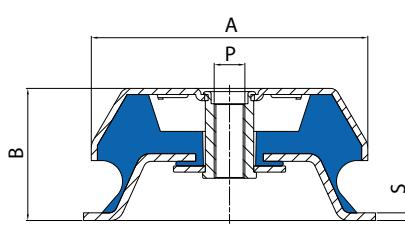
Type CFBMS

Type 1



Type CFBMS

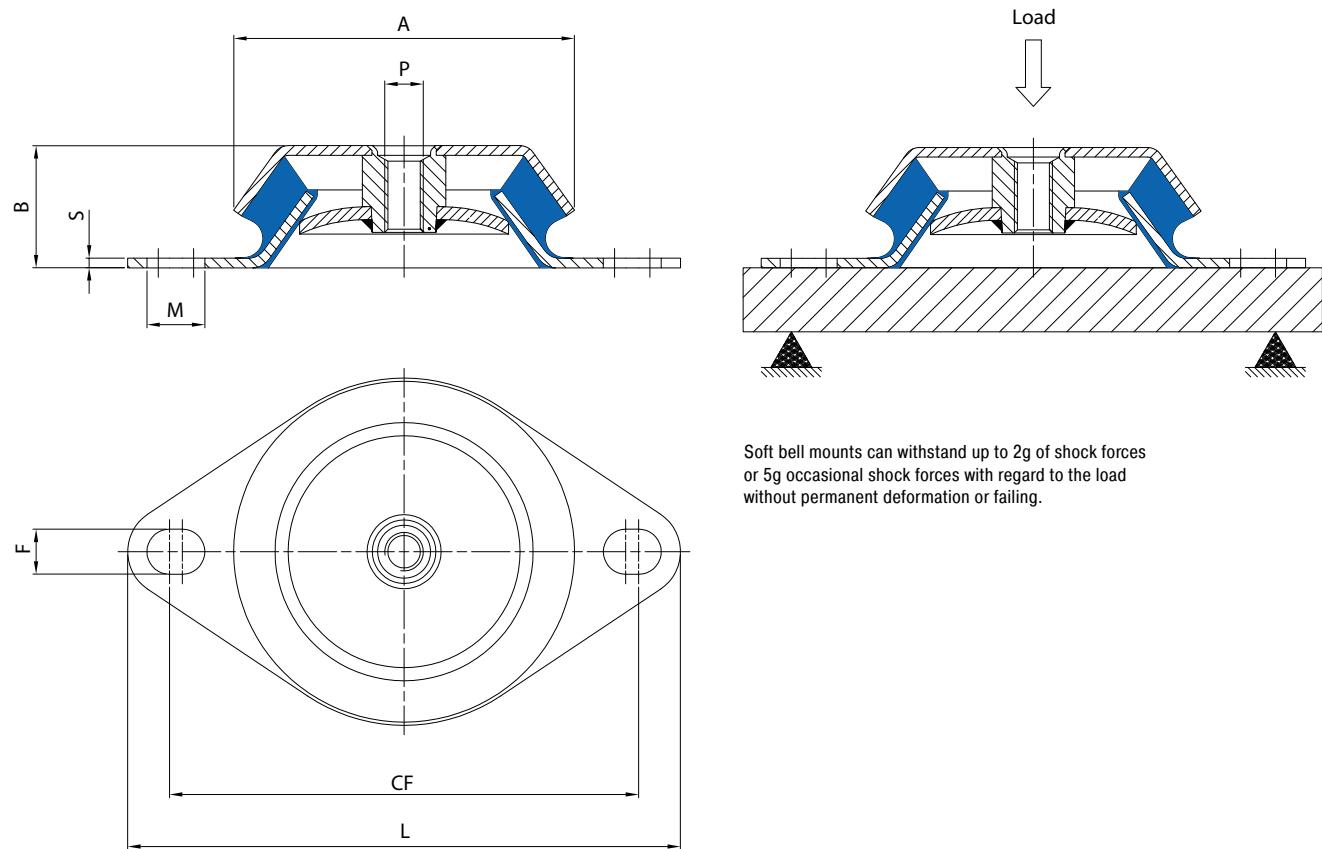
Type 2



Item	Hardness (IRHD)	A	B	P	FxM	CF	L	S	Average Stiffness (daN/mm)	Max. Load (daN)	Max Deflec. (mm)	Type
CFBMS633510W	45	63	35	M10	9X12	88	110	2	7,0	30	4,3	1
CFBMS633510M	60								15,8	60	3,8	
CFBMS833510W	45	83	35	M10	11,5X15	110	135	3	17,8	80	4,5	1
CFBMS833510M	60								44,5	180	4,0	
CFBMS833512W	45	83	35	M12	11,5X15	110	135	3	17,8	80	4,5	1
CFBMS833512M	60								44,5	180	4,0	
CFBMS1064212W	45	106	42	M12	13X19	143	175	4	33,5	167	5,0	1
CFBMS1064212M	60								67,0	335	5,0	
CFBMS1064216W	45	106	42	M16	13X19	143	175	4	33,5	167	5,0	1
CFBMS1064216M	60								67,0	335	5,0	
CFBMS1505416W	45	150	54	M16	14X18	182	218	4	37,5	450	12,0	1
CFBMS1505416M	60								78,7	800	10,2	
CFBMS1808620W	45	180	86	M20	14,5X18	146	190	5	59,2	900	15,2	2
CFBMS1808620M	60								127,0	1700	13,4	
CFBMS22010524W	45	220	105	M24	17,5X20	180	220	5	95,0	1700	17,9	2
CFBMS22010524M	60								195,0	3400	17,4	

Type CCFS

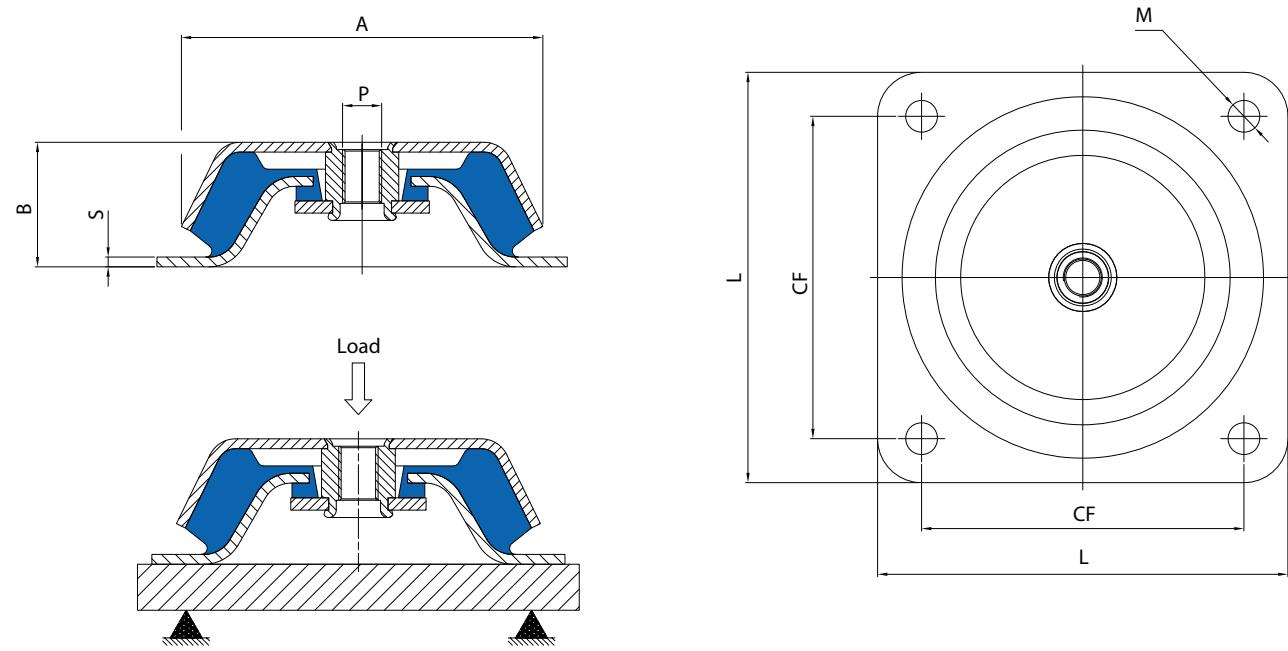
Type 1



Soft bell mounts can withstand up to 2g of shock forces or 5g occasional shock forces with regard to the load without permanent deformation or failing.

Type CCFS

Type 2



Item	Hardness (IRHD)	A	B	P	FxM	CF	L	S	Average Stiffness (daN/mm)	Max. Load (daN)	Max Deflec. (mm)	Type
CCFS823510W	45								12,0	70,0	6,0	
CCFS823510M	60	82	35	M10	11	110	127	2	22,0	130,0	5,8	1
CCFS823510H	70								28,0	160,0	5,5	
CCFS823512W	45								12,0	70,0	6,0	
CCFS823512M	60	82	35	M12	11	110	127	2	22,0	130,0	5,8	1
CCFS823512H	70								28,0	160,0	5,5	
CCFS1063812XW	35								40,0	150,0	3,7	
CCFS1063812W	45	106	38	M12	14X18	138	172	3	55,0	192,5	3,5	
CCFS1063812M	60					146			100,0	350,0	3,5	
CCFS1063812H	70								150,0	450,0	3,0	
CCFS1063816XW	35								40,0	150,0	3,7	
CCFS1063816W	45	106	38	M16	14X18	138	172	3	55,0	192,5	3,5	
CCFS1063816M	60					146			100,0	350,0	3,5	
CCFS1063816H	70								150,0	450,0	3,0	
CCFS1064212W	45								28,0	140,0	5,0	
CCFS1064212M	60	106	42	M12	14X18	138	172	3	55,0	275,0	5,0	
CCFS1064212H	70					146			85,0	425,0	5,0	
CCFS1064212XH	75								120,0	600,0	5,0	
CCFS1064216W	45								28,0	140,0	5,0	
CCFS1064216M	60	106	42	M16	14X18	138	172	3	55,0	275,0	5,0	
CCFS1064216H	70					146			85,0	425,0	5,0	
CCFS1064216XH	75								120,0	600,0	5,0	
CCFS1214216W	45								125,0	500,0	4,0	
CCFS1214216M	60	121	42	M16	13,5	158	188	3	190,0	760,0	4,0	
CCFS1214216H	70								290,0	1160,0	4,0	
CCFS1444816XW	35								85,0	527,0	6,2	
CCFS1444816W	45	144	48	M16	14X18	179	216	4	100,0	700,0	7,0	
CCFS1444816M	60					186			200,0	1340,0	6,7	
CCFS1444816H	70								300,0	1950,0	6,5	
CCFS1505016W	45								110,0	440,0	4,0	
CCFS1505016M	60	150	51	M16	n*4X13	132	168	4	210,0	880,0	4,2	
CCFS1505016H	70								310,0	1240,0	4,0	

Type CCFQ/CFE/CFAB Mounts

This mount offers a low profile, easy to install design with an integral fail-safe device to provide shock and failure protection for mobile, marine or seismic stationary applications. When the rubber works in shear and compression it provides large static deflections low natural (to 8 hz) and high isolation. Our CCFQ/CFE/CFAB are designed with a fail-safe function making it an ideal solution for applications where safety is paramount.

Applications

- Gensets
- Marine power engines
- Diesel engines
- Pumps
- HVAC

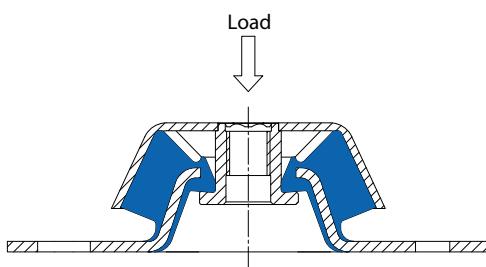
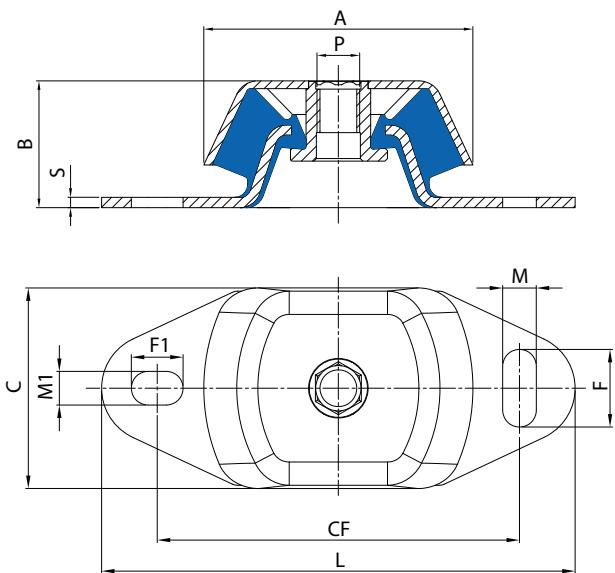
Standard Production

- Bell and flange: DD13 or DC04 steel (UNI EN 10111 o UNI EN 10130)
- Fail-safe device: 11SMnPb37 (UNI EN 10087)
- Natural rubber NR
- Zinc plated in accordance with CE standard CHROME VI free, white Stiffness tolerance +/- 15%

Options & Additional Parts

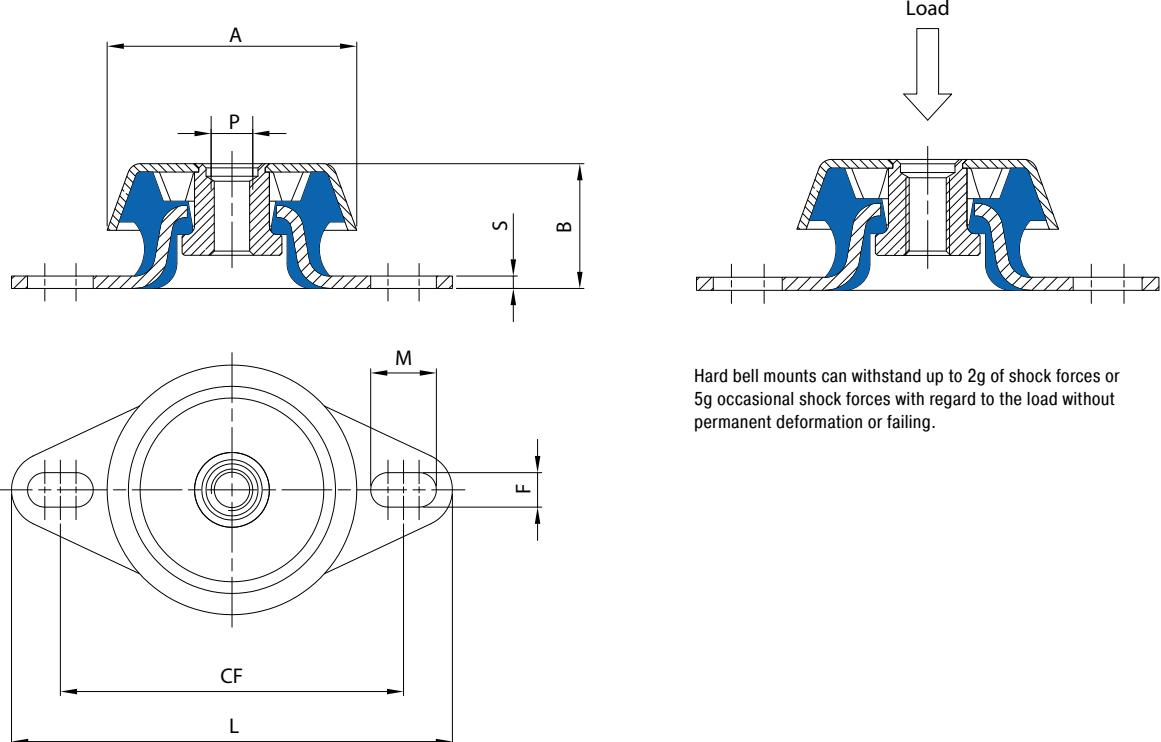
- Stainless steel version
- Height adjuster

Type CCFQ



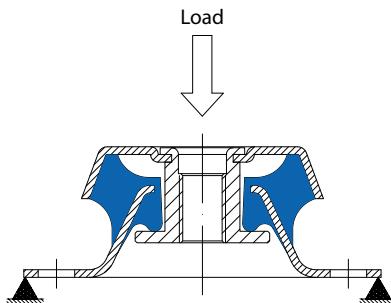
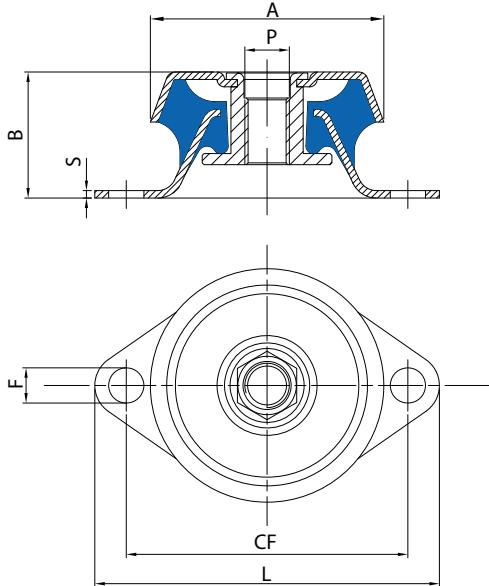
Item	Hardness (IRHD)	A	B	C	P	FxM (F1xM1)	CF	L	S	Average Stiffness (daN/mm)	Max. Load (daN)	Max Deflec. (mm)	Average weight (kg)
CCFQ804012W	45 IRHD									9,0	36,0		
CCFQ804012K	50 IRHD	80	38	60	M12	14X11	100	120	3	13,0	52,0	4,0	0,35
CCFQ804012M	60 IRHD									16,0	64,0		
CCFQ804012H	70 IRHD									24,0	96,0		
CCFQ1045016XW	35 IRHD									16,0	80,0		
CCFQ1045016W	45 IRHD									24,0	120,0		
CCFQ1045016M	60 IRHD	104	49	75	M16	30X13 (20X13)	140	183	4	38,0	190,0	5,0	0,85
CCFQ1045016H	70 IRHD									60,0	300,0		
CCFQ1045016XH	80 IRHD									95,0	475,0		
CCFQ1307020W	45 IRHD									55,0	330,0		
CCFQ1307020M	60 IRHD	132	71	112	M20	34X18 (26X18)	182	230	5	90,0	540,0	6,0	2,35
CCFQ1307020H	70 IRHD									135,0	810,0		
CCFQ1307020XH	80 IRHD									220,0	880,0	4,0	

Type CFE



Item	Hardness (IRHD)	A	B	P	FxM	CF	L	S	Average Stiffness (daN/mm)	Max. Load (daN)	Max Deflec. (mm)
CFE623110XW	35								7,5	25	3,3
CFE623110W	45								10,0	34	3,4
CFE623110K	50	60	31	M10	8,3X16	75 90	106	3	13,0	43	
CFE623110M	60								16,0	53	3,3
CFE623110H	70								25,0	83	
CFE623112W	45								10,0	34	3,4
CFE623112K	50	60	31	M12	8,3X16	75 90	106	3	13,0	43	
CFE623112M	60								16,0	53	3,3
CFE623112H	70								25,0	83	

Type CFAB



Hard bell mounts can withstand up to 2g of shock forces or 5g occasional shock forces with regard to the load without permanent deformation or failing.

Item	A	B	P	FxM	CF	L	S	Average Stiffness (daN/mm)	Max. Load (daN)	Max Deflec. (mm)
CFAB-3	63	34	M12	9,5	76	93	2	20	70	3,5
CFAB-2	63	34	M12	9,5	76	93	2	30	110	3,5
CFAB-0	63	34	M12	9,5	76	93	2	37	130	3,5

Type CF/CFQ Mounts

Mounts which allow a high level of insulation especially used on generators, engines and systems with an operating frequency at around 25 Hz (1500 rpm). Axial stresses are perfectly absorbed and side deflections limited to guarantee a good stability. The CF/CFQ are fully bonded and have a threaded insert to allow an easy assembling.

Applications

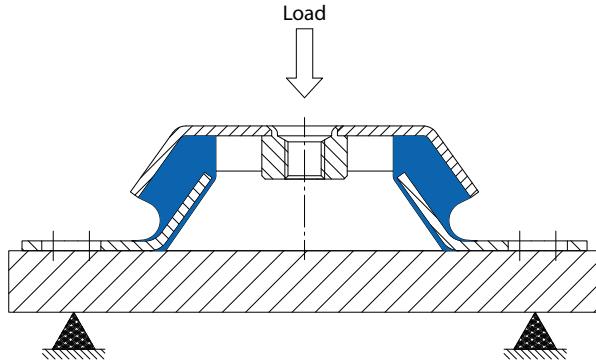
- Gensets
- Engines
- Special equipments
- Tooling equipment
- Pumps
- HVAC

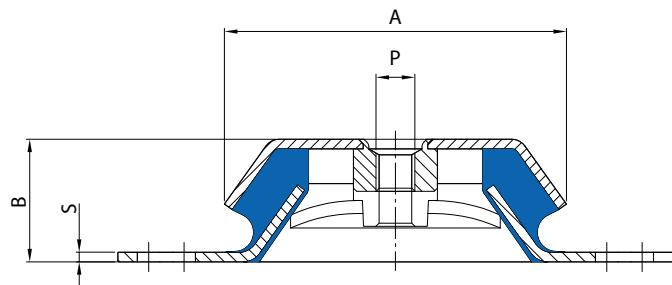
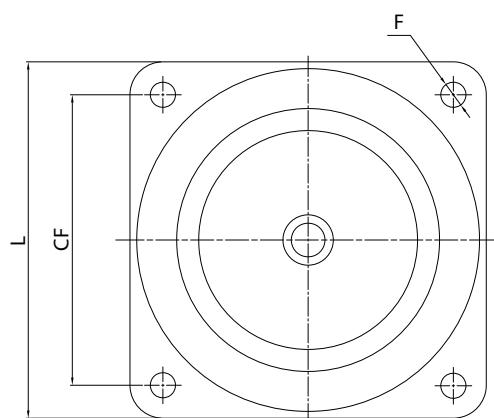
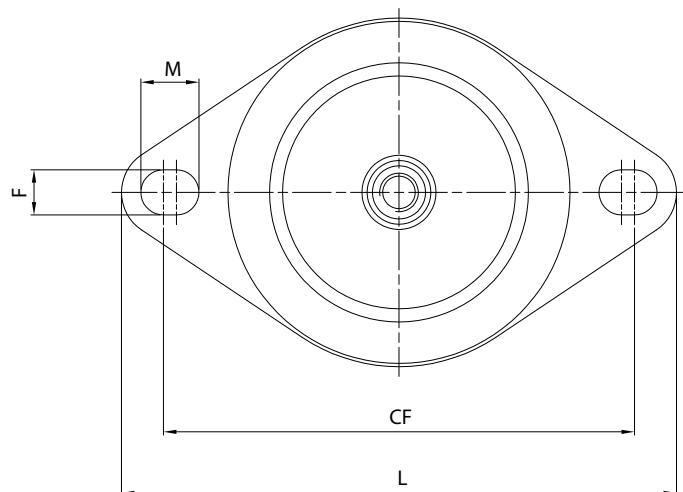
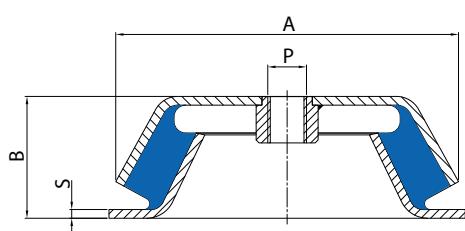
Standard Production

- Bell and flange: DD13 or DC04 steel (UNI EN 10111 o UNI EN 10130)
- Nuts: Resistance class 4
- Natural rubber NR
- Zinc plated in accordance with CE standard CHROME VI free, white Stiffness tolerance +/- 15%

Options & Additional Parts

- Stainless steel version
- Height adjuster



Type CF/CFQ**Type 1****Type CF/CFQ****Type 2**

Item	Hardness (IRHD)	A	B	P	FxM	CF	L	S	Average Stiffness (daN/mm)	Max. Load (daN)	Max Deflec. (mm)	Type
CFS482308W	45								23	46		
CFS482308M	60	46,5	22,5	M8	6,5	68	81	1,5	30	60	2,0	1
CF482308W	45								30	60		
CF482308M	60	48	23	M8	6,5	68	81	1,5	50	95	2,0	1
CF482308H	70								80	150		
CF603510W	45					75			45	110		
CF603510M	60	60	35	M10	8,3X16	90	106	2	80	190	2,4	1
CF603510H	70					90			120	290		
CF603512W	45					75			45	110		
CF603512M	60	60	35	M12	8,3X16	90	106	2	80	190	2,4	1
CF603512H	70					90			120	290		
CF623110W	45					75			50	125		
CF623110M	60	62	31	M10	8,3X16	90	106	3	85	213	2,5	1
CF623110H	70					90			125	313		
CF623112W	45					75			50	125		
CF623112M	60	62	31	M10	8,3X16	90	106	3	85	213	2,5	1
CF623112H	70					90			125	313		
CF773010W	45								42	147		
CF773010M	60	77	30	M10	9	110	128	2	80	280	3,5	1
CF773010H	70								120	420		
CF823510W	45								65	200		
CF823510M	60	82	35	M10	11	110	128	2	115	345	3,0	1
CF924512W	45								100	300		
CF924512M	60	92	45	M12	10,5	110	138	3	195	585	3,0	1
CF924512H	70								310	930		
CF924514W	45								100	300		
CF924514M	60	92	45	M14	10,5	110	138	3	195	585	3,0	1
CF924514H	70								310	930		
CF1063812W	45					138			120	420	3,5	
CF1063812M	60	106	38	M12	14X18	146	172	3	220	660	3,0	1
CF1063812H	70					146			320	960		
CF1063816W	45					138			120	420	3,5	
CF1063816M	60	106	38	M16	14X18	146	172	3	220	660	3,0	1
CF1063816H	70					146			320	960		
CF1085014/5W	45								120	400	3,3	
CF1085014/5M	60	108	50	M14	16,5	160	190	5	220	660	3,0	1
CF1085014/5H	70								320	960		
CF1085016/5W	45								120	400	3,3	
CF1085016/5M	60	108	50	M16	16,5	160	190	5	220	660	3,0	1
CF1085016/5H	70								320	960		
CFQ1505016W	45								150	600	4,0	
CFQ1505016M	60	150	51	M16	n*4X13	132	168	4	260	1092	4,2	2
CFQ1505016H	70								350	1365	3,9	
CFQ1776020W	45								210	756	3,6	
CFQ1776020M	60	177	62	M20	n*4X13	150	184	4	340	1326	3,9	2
CFQ1776020H	70								530	2014	3,8	

Universal Mounts

Mounts

The CTC/T/CGM/FBF range provides excellent fail-safe dynamic insulation particularly in vertical direction, both in traction and in compression. They significantly reduce vibrations and absorb considerable levels of shocks to provide an excellent all-round solution to a wide range of applications on agricultural machines, tractors, off-road machines and military equipment. These mounts are specially suitable for insulating structures where through assembly is required.

Applications

- Engines
- Radiators
- Cabs

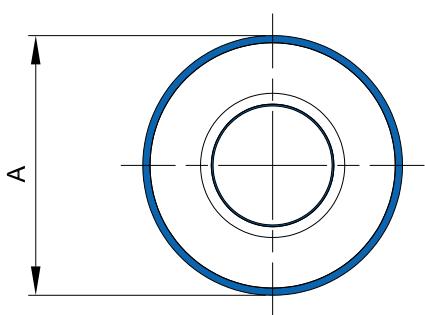
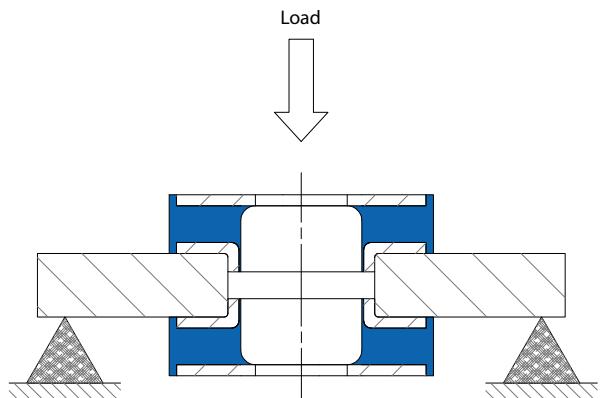
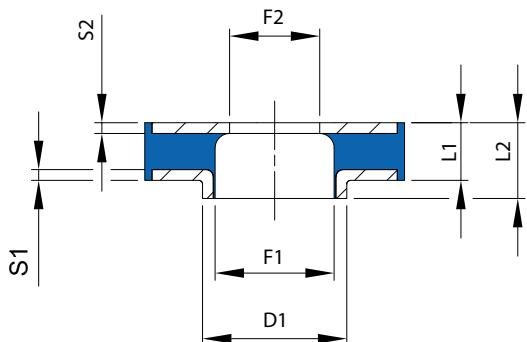
Standard Production

- Washer and flange: DD12 or DD13 steel (UNI EN 10111)
- Tube: Fe 360 Steel (ISO 3305/3306)
- Natural rubber NR
- Zinc plated in accordance with CE standards CHROME VI free, white
- Stiffness tolerance +/- 15%

Options & Additional Parts

- NEOPREN CR and Anti-oil NBR version

Type CGM

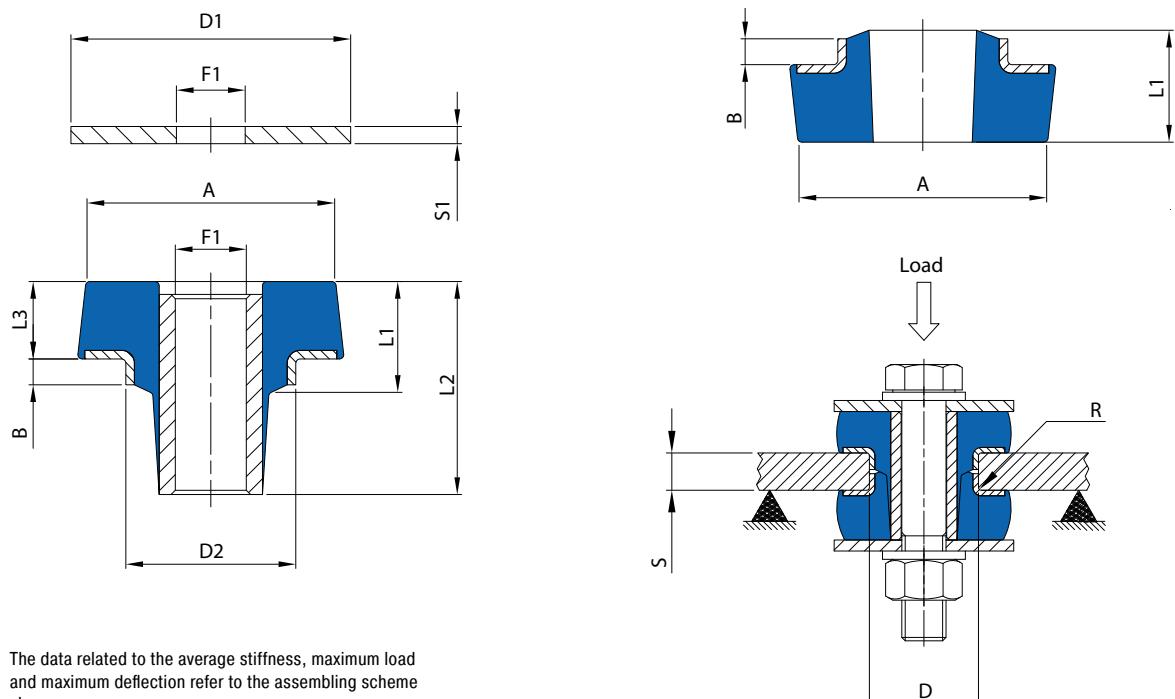


N.B. Mounts are sold individually, but need to be installed in pairs as above, to provide the Isolation Characteristics.

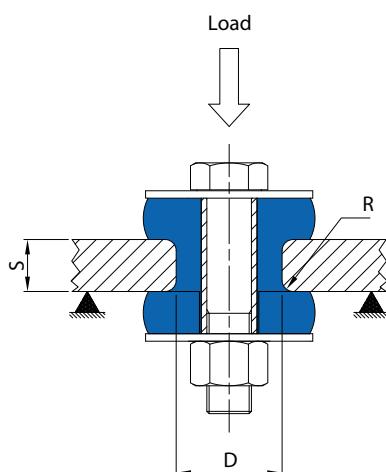
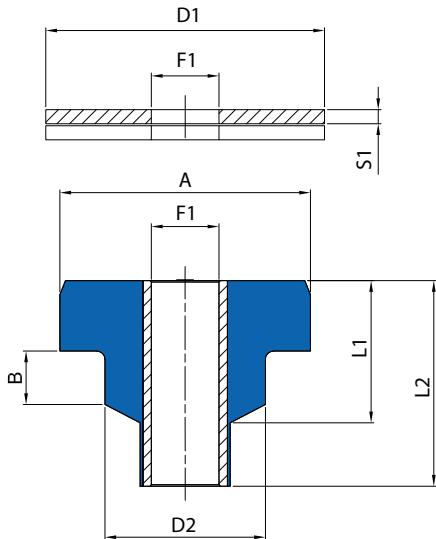
Item	Hardness (IRHD)	A	D1	F1	F2	L1	L2	S1	S2	Average Stiffness [compression] (dAN/mm)	Max. Load [compression] (dAN)	Max Deflec. [compression] (mm)
CGM3611W	45									90,0	81,0	
CGM3611M	60	36	20	16,5	16,5	8	10,5	1,5	1,5	150,0	135,0	0,9
CGM3611H	70									230,0	207,0	
CGM3614W	45									70,0	84,0	
CGM3614M	60	36	18	12	8,5	10	14	1,5	1,5	110,0	132,0	1,2
CGM3614H	70									170,0	204,0	
CGM5023W	45									80,0	120,0	
CGM5023M	60	50	23	20	16,5	13	22,5	1,5	1,5	140,0	210,0	1,5
CGM5023H	70									210,0	315,0	
CGM6017W	45									110,0	209,0	
CGM6017M	60	60	27	24	20,5	13	17	1,5	1,5	210,0	399,0	1,9
CGM6017H	70									310,0	589,0	
CGM6023W	45									110,0	209,0	
CGM6023M	60	60	27	24	20,5	13	23,5	1,5	1,5	210,0	399,0	1,9
CGM6023H	70									310,0	589,0	
CGM6034M	60	60	27	24	21	30	34	1,5	1,5	70,0	245,0	3,5

Type CTC

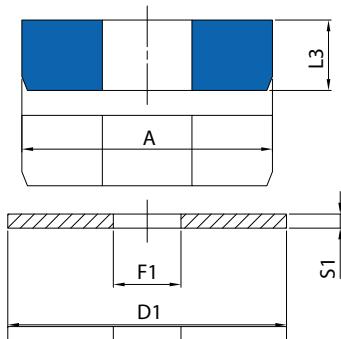
Type 1



Item	Hardness (IRHD)	A	B	D2	L1	L2	L3	D1	F1	S1	D	S	R	Average Stiffness (dAN/mm)	Max. Load (dAN)	Max Deflec. (mm)
Mounts													Washers		Support	
CTC6050W	45													68,0	102,0	
CTC6050M	60	58	6	39,5	26	49,5	18	65	16	4	41	15	1	135,0	202,0	1,5
CTC6050H	70													210,0	315,0	

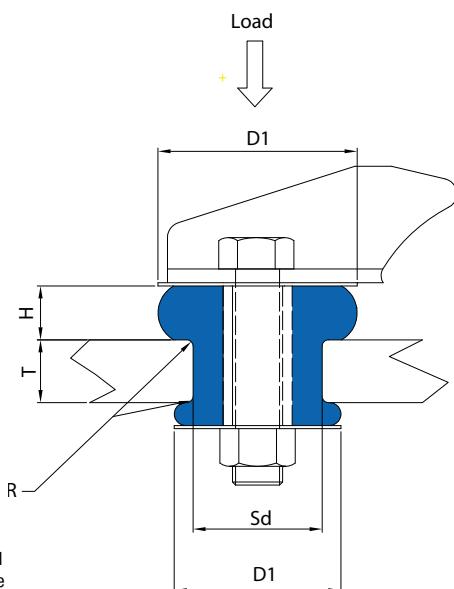
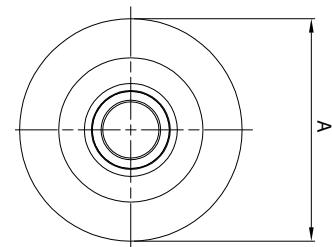
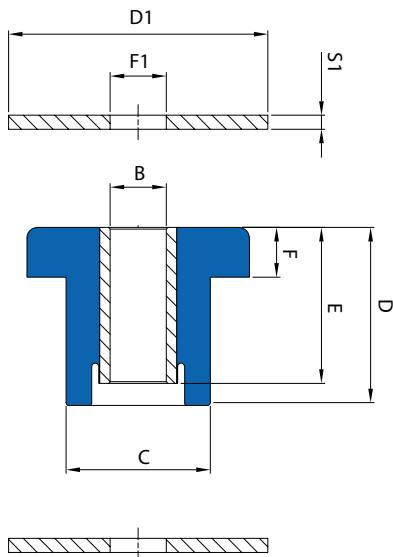
Type CTC**Type 2**

The data related to the average stiffness, maximum load and maximum deflection refer to the assembling scheme shown.



Item	Hardness (IRHD)	A	B	F1	D2	L1	L2	L3	D1	F1	S1	D	S	R	Average Stiffness (daN/mm)	Max. Load (daN)	Max Deflec. (mm)
		Mounts							Washers			Support					
CTC5050W	45	50	10	13	32	30	50	20	55	12,2	3,5	31	15	1,5	43,0	80,0	1,9
CTC5050M	60														86,0	130,0	1,5
CTC6562W	45	65	16	16,5	40	42	61,7	23	70	16	4	39	22	2,3	58,0	120,0	2,1
CTC6562M	60														140,0	260,0	1,9
CTC8973W	45	89	19	24	57	50,5	73	25	99	24	4	57	28	3	130,0	260,0	2,0
CTC8973M	60														240,0	450,0	1,9

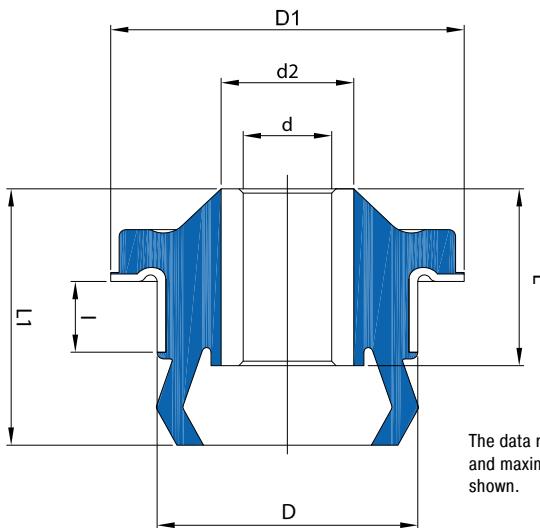
Type T



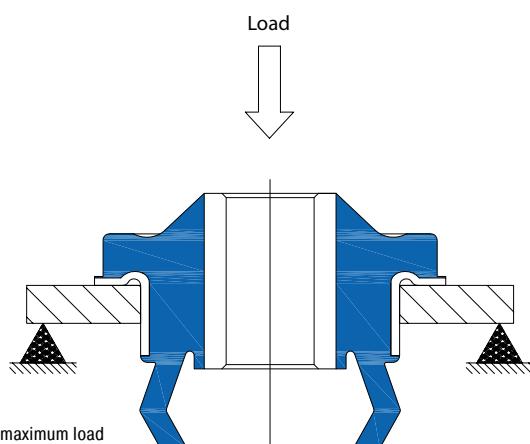
The data related to the average stiffness, maximum load and maximum deflection refer to the assembling scheme shown.

Item	Hardness (IRHD)	A	B	C	D	E	F	H	D1	SD	R	T	D1	F1	S1	Average Stiffness (daN/mm)	Max. Load (daN)	Max Deflec. (mm)
Mounts																		
T3027M	55	32	10	24	36	27,2	14	13	38	22,7	1,5	9,7	38	10	2	22	50	2,3
T5137K	50	51	13	35	51	37	19	17,5	65	31,8	1,5	12,7	65	12	3	45	135	3,0
T6038K	50	60	17,1	37	53	39,2	17	16	70	35,1	1,5	15,7	70	16	4	75	225	3,0
T6344K	50	63,5	16	41,2	50,8	44,5	14,2	14,2	74	38,1	1,5	19,1	74	16	4	115	210	1,8

Type FBF



The data related to the average stiffness, maximum load and maximum deflection refer to the assembling scheme shown.



Item	d	D	I	L	d2	L1	D1	D3	D4	S	S1	Average Stiffness (daN/mm)	Max. Load (daN)	Max Deflec. (mm)
Mounts														
FBF1659.1640	16,2	59	16	40	25	58	80	60	85	16	min 5	450	1200	2,7
FBF1659.1640W												240	720	3,0
FBF2059.1640	20	59	16	40	30	58	80	60	85	16	min 5	500	1250	2,5
FBF2059.1640W												265	800	3,0

Cones

Mounts

These mounts have a particular rubber section made for shear and compression stresses which allows good axial deflections. Cone mounts are low cost isolators that have high load carrying capacity within a compact size that provides a stable solution for a wide number of applications. This design of mount is ideally suited for isolating cabs of trucks, bus engines, radiators etc... The mounts are assembled with two safety washers to minimize overloads. The CNA version is characterized by two different radial stiffnesses.

Applications

- Gensets
- Engines
- Special equipments
- Compressors
- Pumps
- HVAC

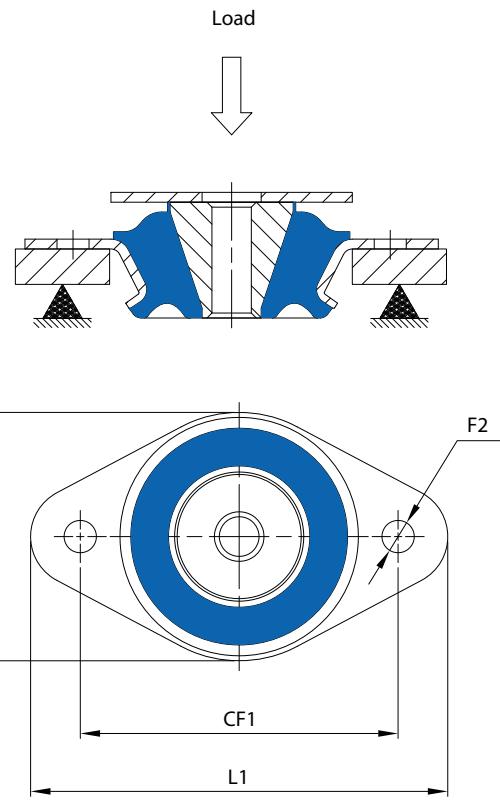
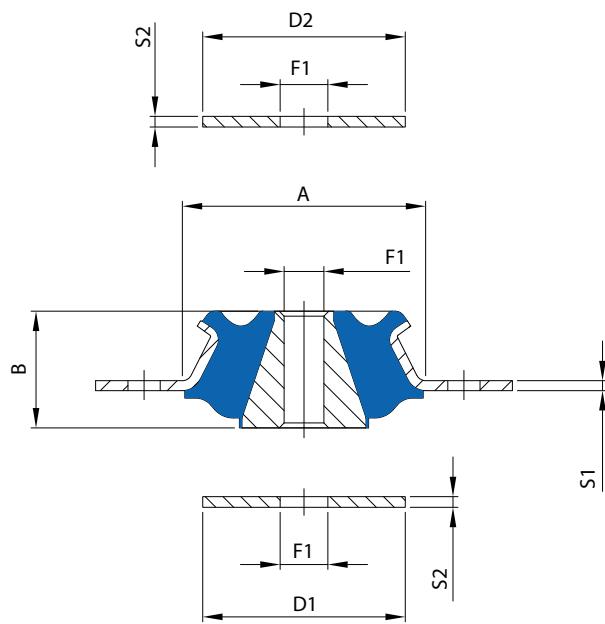
Standard Production

- Cone and flange: DD13 or DC04 steel (UNI EN 10111 o UNI EN 10130)
- Washers: DD12 Steel UNI 10111
- Natural rubber NR
- Zinc plated in accordance with CE standards CHROME VI free, white
- Stiffness tolerance +/- 15%

Options & Additional Parts

- Alternative elastomeric compounds available

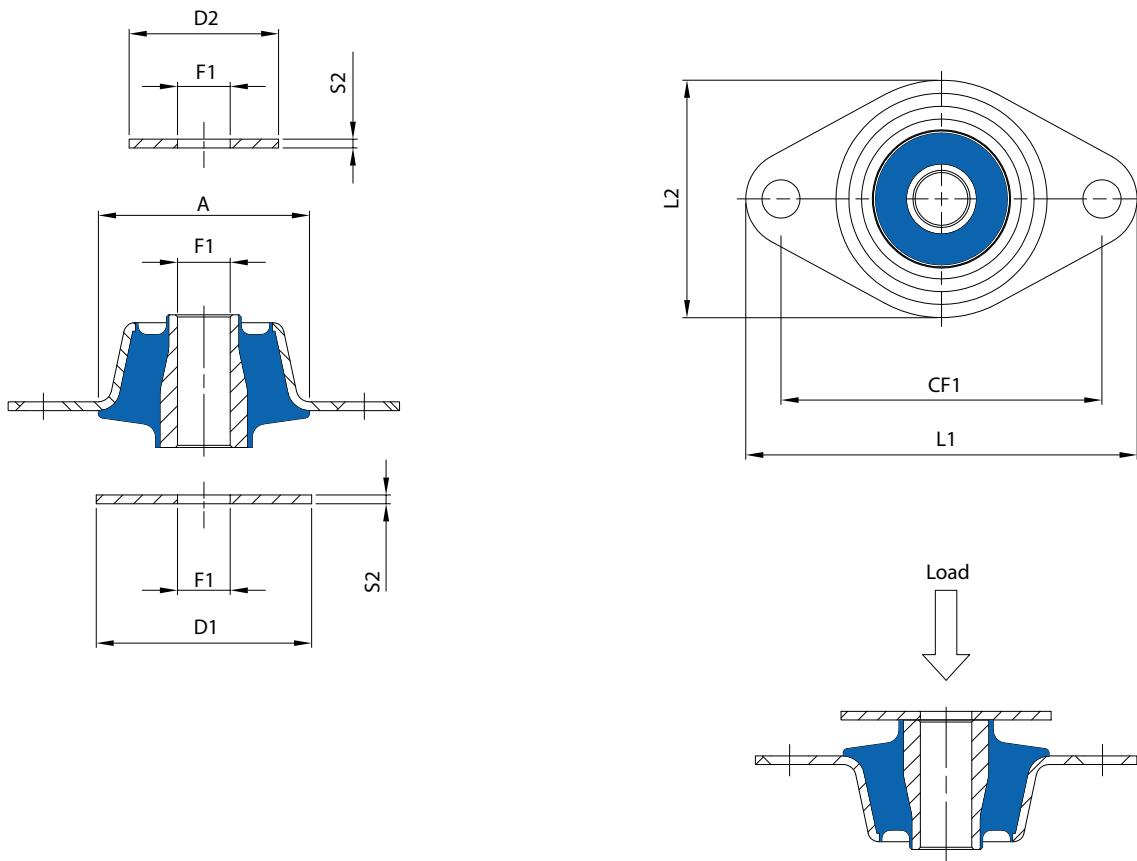
Type CN



Item	Hardness (IRHD)	A	B	CF1	CF2	L1	L2	F1	S1	F2	D1	D2	F1	S2	Average Stiffness (daN/mm)	Max. Load (daN)	Max Deflec. (mm)
Cone																	
4623CN08W	45														12,5	37,5	
4623CN08M	60	46	23,5	64	-	84	50	8	2	6,5	40	40	8	2	22	66	3
4623CN08H	70														36	108	

The item code means the cone mount with washers; it's possible to order only the cone mount.

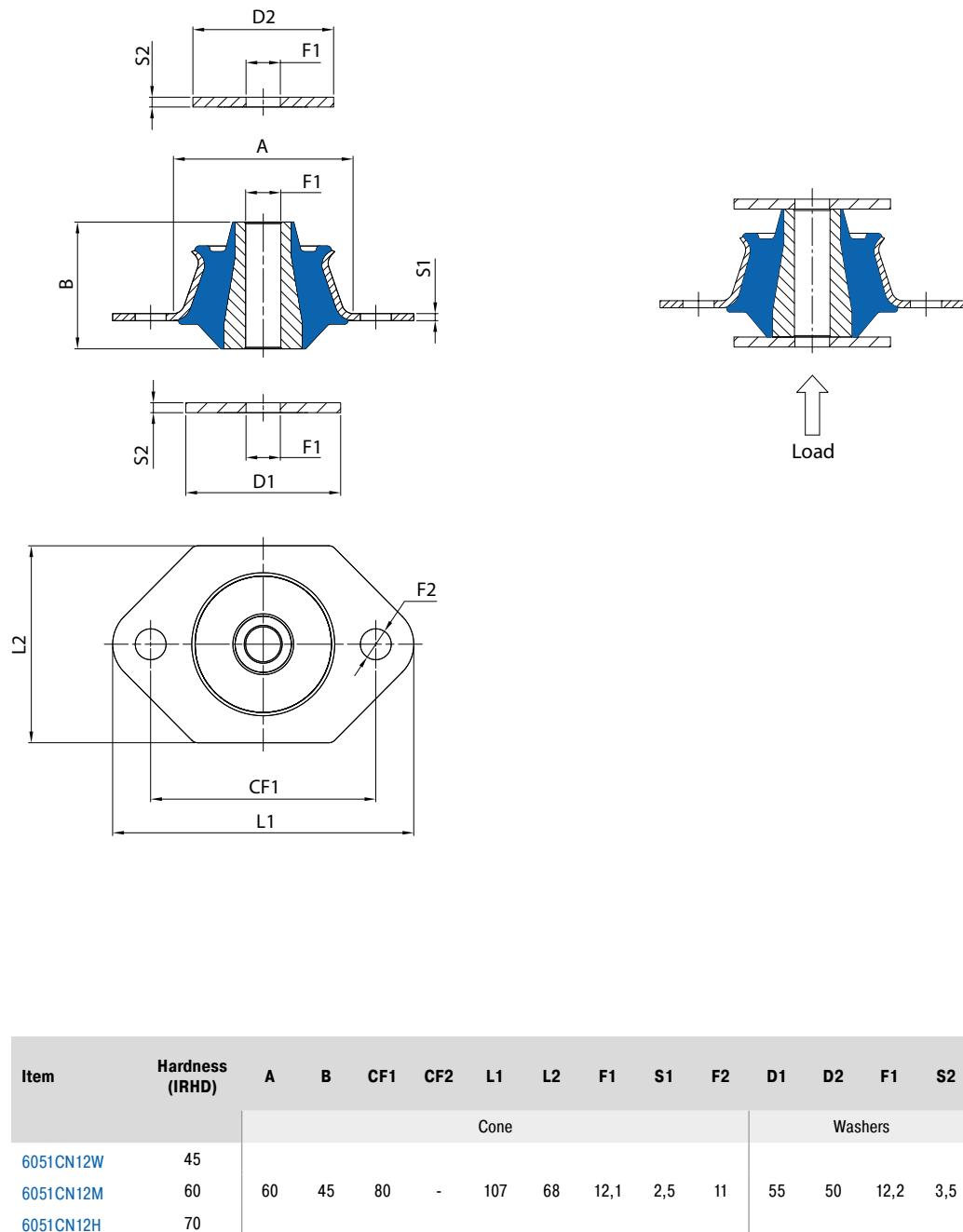
Type CN



Item	Hardness (IRHD)	A	B	CF1	CF2	L1	L2	F1	S1	F2	D1	D2	F1	S2	Average Stiffness (daN/mm)	Max. Load (daN)	Max Deflec. (mm)
Cone																	
4830CN12/1W	45														9	36	
4830CN12/1M	60	48	30,2	73	-	89	54	12	2	8,7	49	34	12	2	15	60	3
4830CN12/1H	70														21	84	

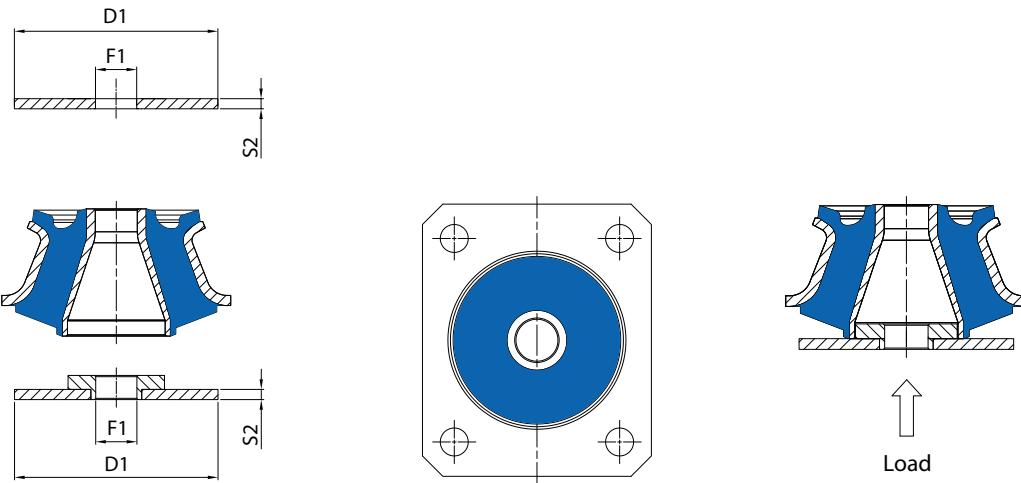
The item code means the cone mount with washers; it's possible to order only the cone mount.

Type CN



The item code means the cone mount with washers; it's possible to order only the cone mount.

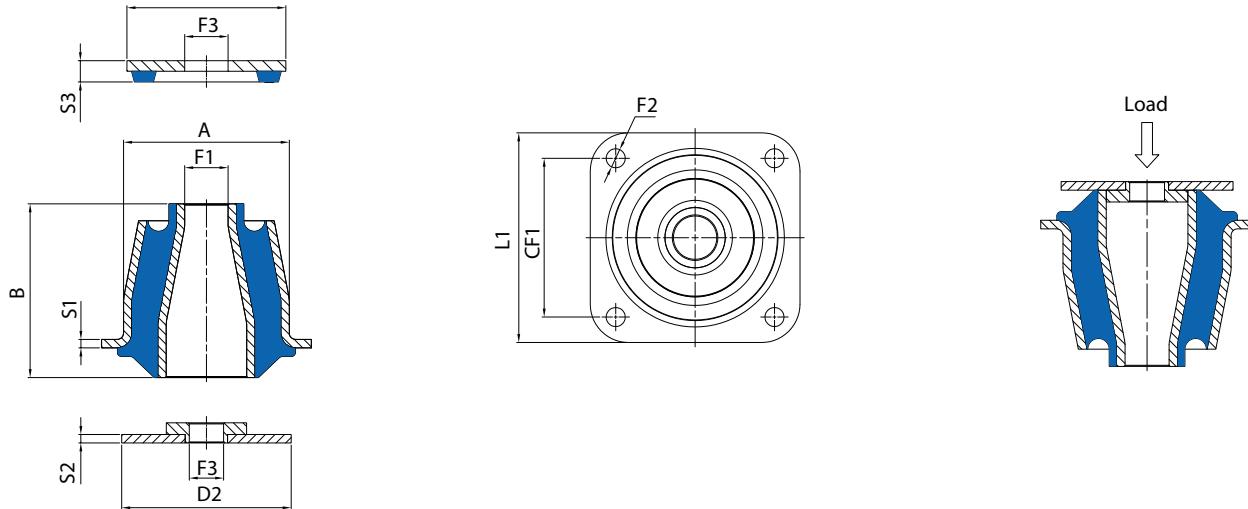
Type CN



Item	Hardness (IRHD)	A	B	CF1	CF2	L1	L2	F1	S1	F2	D1	D2	S2	F1	Average Stiffness (daN/mm)	Max. Load (daN)	Max Deflec. (mm)
Cone																	
7856CN16W	45														32	160	
7856CN16M	60	78	50	80	65	107	90	16,5	4	11	80	65	4	16	60	350	5
7856CN16H	70														98	488	
7856CN20W	45														32	160	
7856CN20M	60	78	50	80	65	107	90	20	4	11	80	65	4	20	60	350	5
7856CN20H	70														98	488	

The item code means the cone mount with washers; it's possible to order only the cone mount. For the right working of the mount, the cone must be assembled with the ringed washer.

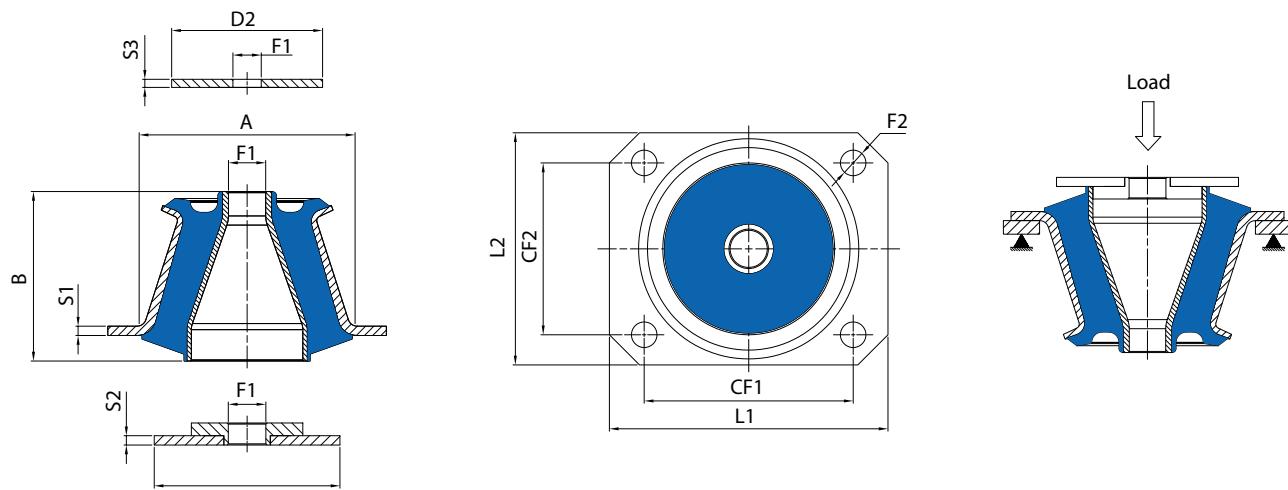
Type CN



Item	Hardness (IRHD)	A	B	CF1	F1	F2	S1	L1	D2	S2	D3	S3	F3	Average Stiffness (daN/mm)	Max. Load (daN)	Max Deflec. (mm)
Cone																
7882CN20W	45													42	336	
7882CN20M	60	78	82	75	20,5	9	4	99	80	4	74	10	20,5	85	680	8
7882CN20H	70													132	1056	

The item code means the cone mount with washers; it's possible to order only the cone mount. For the right working of the mount, the cone must be assembled with the ringed washer.

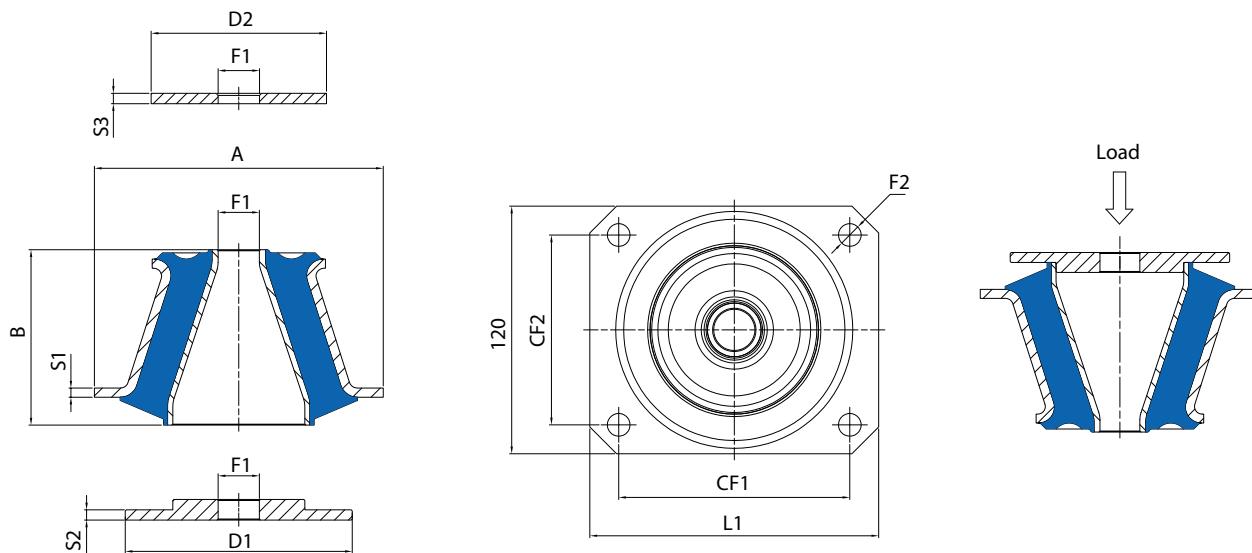
Type CN



Item	Hardness (IRHD)	A	B	CF1	CF2	F1	F2	S1	L1	L2	D1	D2	S2	S3	Average Stiffness (daN/mm)	Max. Load (daN)	Max Deflec. (mm)
		Cone										Washers					
9381CN16W	45														75	450	
9381CN16M	60	93	73	90	74	16	11	4	120	100	85	70	5	4	140	840	6
9381CN16H	70														235	1410	

The item code means the cone mount with washers; it's possible to order only the cone mount. For the right working of the mount, the cone must be assembled with the ringed washer.

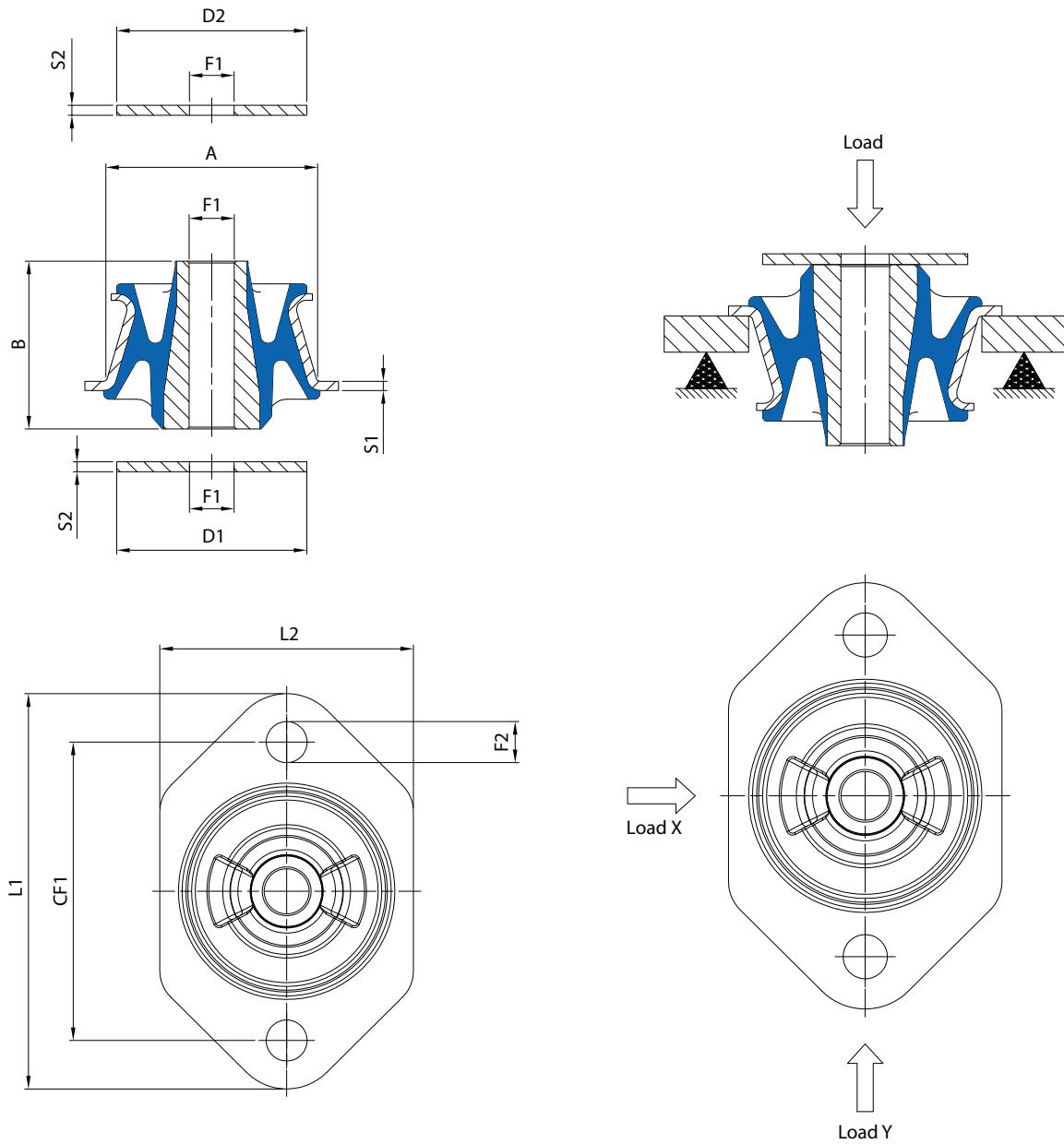
Type CN



Item	Hardness (IRHD)	A	B	CF1	CF2	F1	F2	S1	L1	L2	D1	D2	S2	S3	Average Stiffness (daN/mm)	Max. Load (daN)	Max Deflec. (mm)
		Cone										Washers					
10995CN20W	45														115	460	4
10995CN20M	60	109	85	112	92	20	11	4.5	140	120	110	80	5	5	250	1125	4,5
10995CN20H	70														370	1850	5

The item code means the cone mount with washers; it's possible to order only the cone mount. For the right working of the mount, the cone must be assembled with the ringed washer.

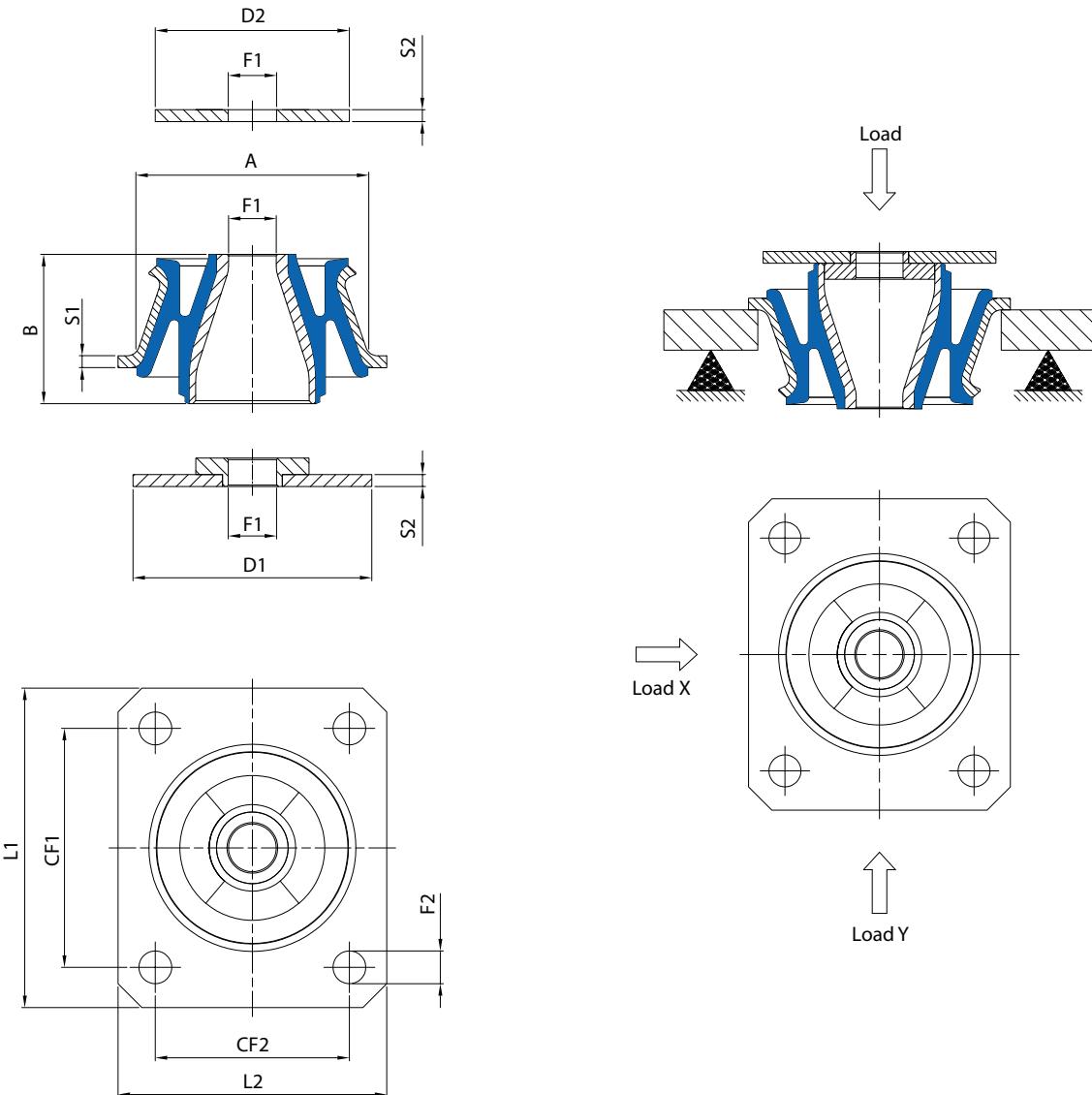
Type CNA



Item	Hardness (IRHD)	A	B	CF1	CF2	L1	L2	F1	S1	F2	D1	D2	F1	S2	Average Stiffness Z (daN/mm)	Max. Load (daN)	Max Deflec. (mm)	Average Stiffness X (daN/mm)	Average Stiffness Y (daN/mm)
Cone										Washers									
6051CNA12W	45														15,5	92,5		31	53
6051CNA12M	60	60	45	80	-	107	70	12,1	2,5	11	55	50	12,2	3,5	28	140	5	56	85
6051CNA12H	70														40	200		80	120

The item code means the cone mount with washers; it's possible to order only the cone mount.

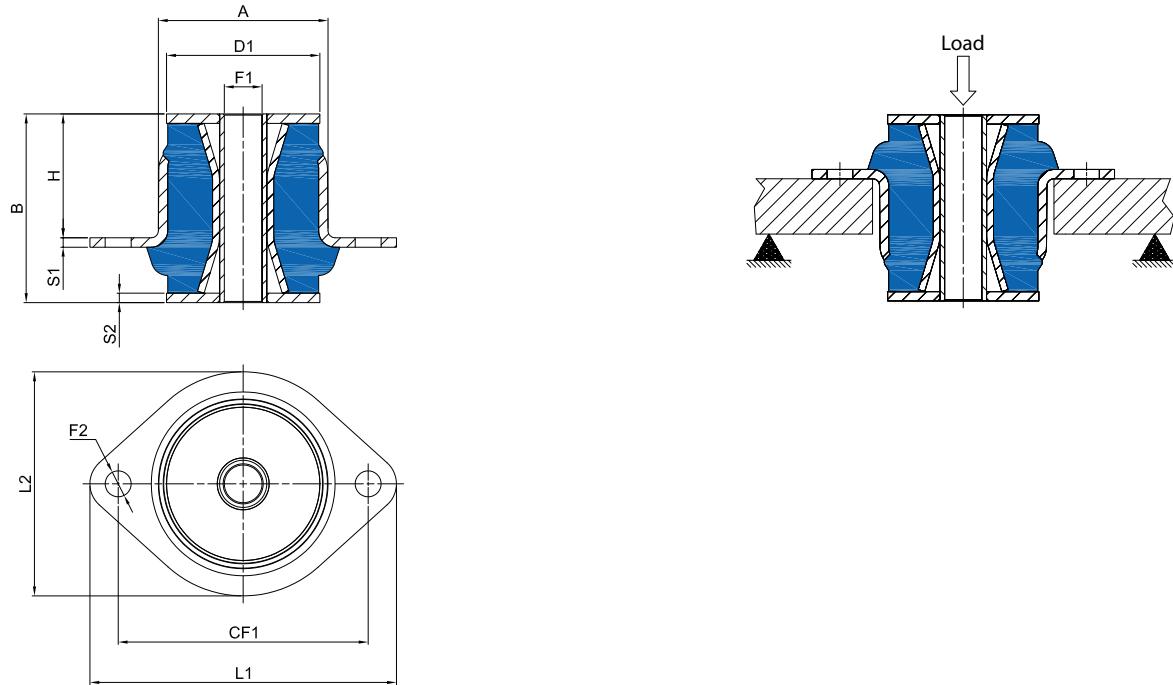
Type CNA



Item	Hardness (IRHD)	A	B	CF1	CF2	L1	L2	F1	S1	F2	D1	D2	F1	S2	Average Stiffness Z (daN/mm)	Max. Load (daN)	Max Deflec. (mm)	Average Stiffness X (daN/mm)	Average Stiffness Y (daN/mm)
Cone										Washers									
7856CNA16W	45														24	120		31	61
7856CNA16K	50	78	50	80	65	107	90	16,5	4	11	80	65	16	4	33	165	5	36	71
7856CNA16M	60														42	210		51	100
7856CNA16H	70														56	270		84	160

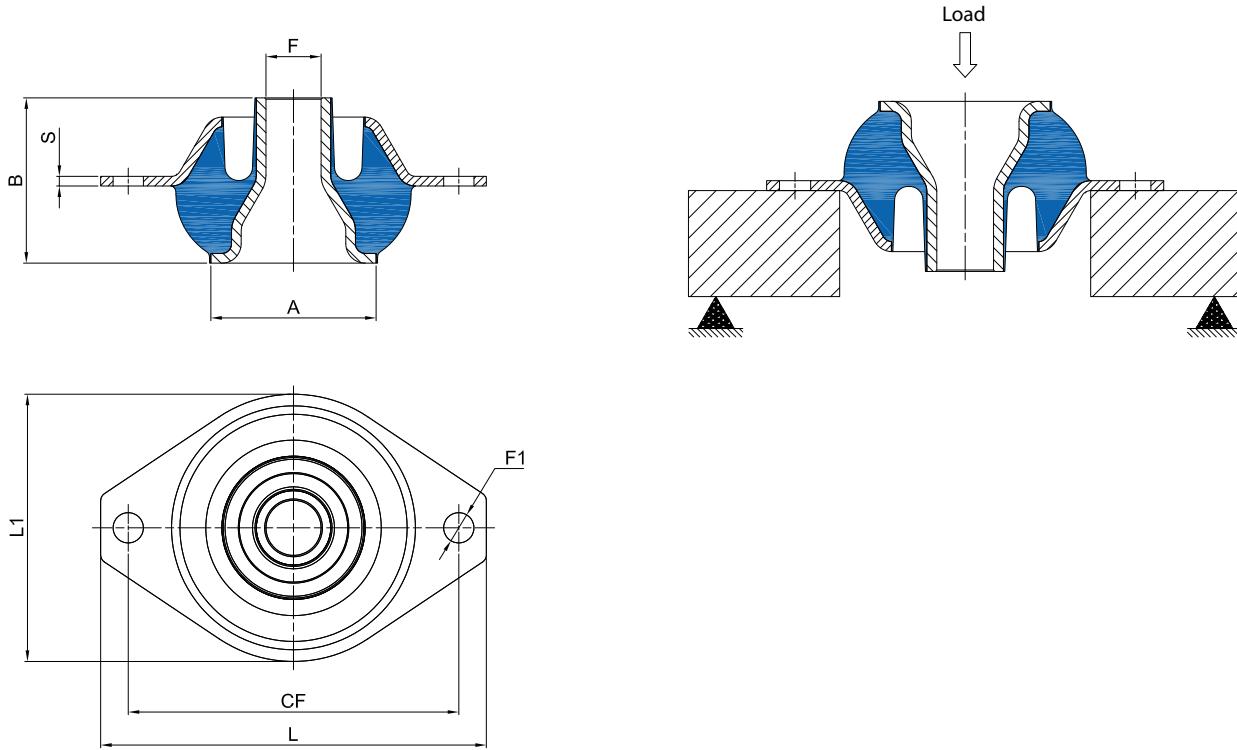
The item code means the cone mount with washers; it's possible to order only the cone mount. For the right working of the mount, the cone must be assembled with the ringed washer.

Type FSMR



Item	Hardness (IRHD)	A	B	H	CF1	D1	F1	F2	L1	L2	S1	S2	Average Stiffness (Kg/mm)	Max. Load (daN)	Max Deflec. (mm)
Cone															
FSMR6070W	45												Washers	35	245
FSMR6070M	60	60	70	43	98	55	12	11	120	80	3	4	65	455	7
FSMR6070H	65												100	700	
FSMR7280W	45												50	300	
FSMR7280M	60	72	80	53	106	65	16	11	130	95	4	4	95	570	6
FSMR7280H	65												170	850	5

Type TE



Item	Hardness (IRHD)	A	B	CF	L	L1	S	F	F1	Average Stiffness (Kg/mm)	Max. Load (daN)	Max Deflec. (mm)
Cone												
TE-3074W	45									30	240	
TE-3074M	60	60	60	120	140	97	3.5	11	20	56	450	8
TE-3074H	70									86	670	

Height Adjuster Mounts

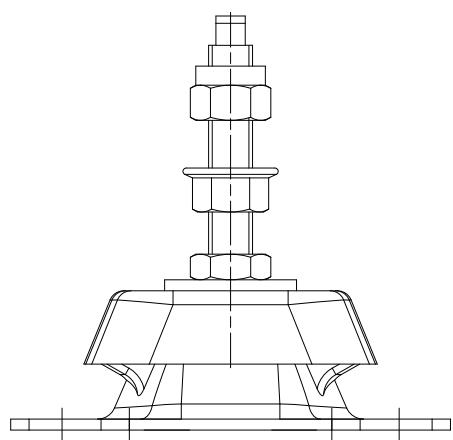
Height adjusters are available in various sizes to suit a wide range of mounts as listed in the table. The kits are supplied complete with washer and nut for fastening to the mounting, and also two nuts c/w lock washer for the engine foot fastening.

Standard Production

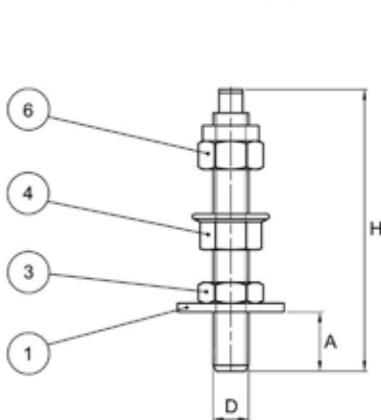
- Washers: Steel DD12 (UNI EN 10111)
- Nuts: Resistance class 4 Bolts:
Resistance class 4.8
- Zinc plated in accordance with CE
standard CHROME VI free, white

Options & Additional Parts

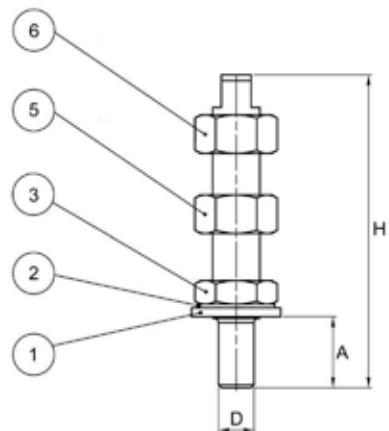
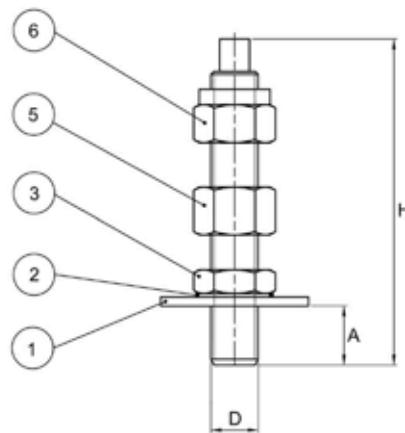
- Stainless steel version
- Screws and nuts higher class resistance
version



KIT12/12/95



KIT12/16/105.5

KIT16/16/110
KIT20/20/135

Nr.	Item	H	D	A	1 washer	2 locking washer	3 bottom nut	4 flange nut	5 adjusting unit	6 top nut
1	KIT12/12/95	95	M12	20	36X14X3	-	M12	M12	-	M12
2	KIT12/16/105.5	105,5	M12	24	28X15X2,5	●	M16	-	M16	M16
3	KIT16/16/110	110	M16	20	48X17X3	●	M16	-	M16	M16
4	KIT20/20/135	135	M20	30	60X22X4	-	M20	-	M20	M20

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