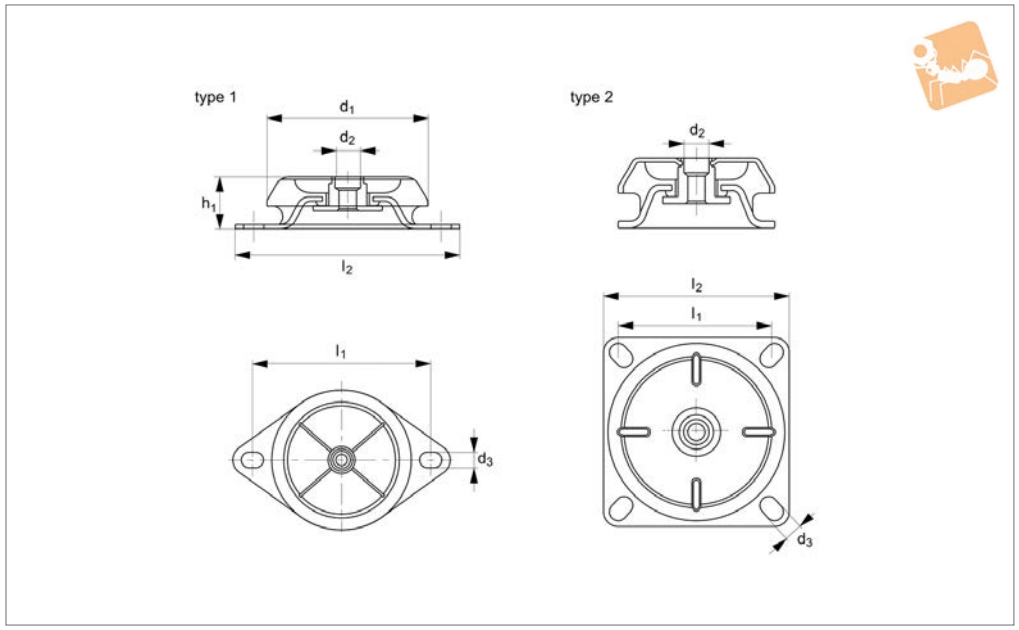


P2103

Material
Rubber on silver zinc plated steel (rubber hardness - 60 Shore A).

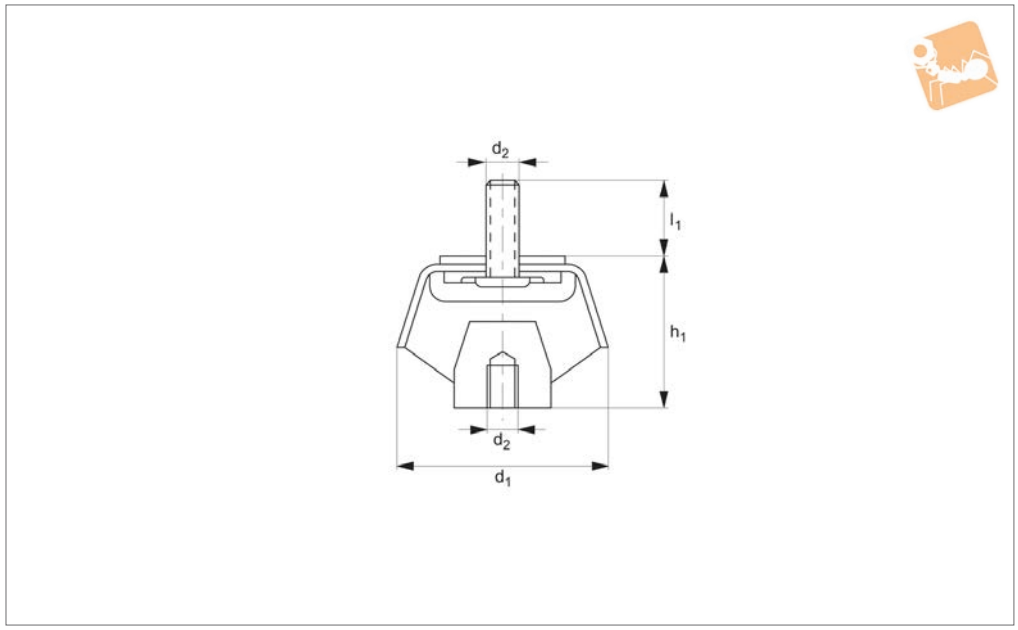
Technical Notes
Provides an elastic support mechanism for equipment isolation. Used in generator sets, motors, pumps and most other machine parts.
Please note for marine applications or very demanding use we recommend the mounts with ‚fail-safe' features part numbers , P2101 and P2102.

Tips
These are a very popular anti-vibration mount for light to heavy duty applications. Take the total weight of the load to be supported, divide it by the number of mounts to be used and select an appropriate mount from the above table. Type 2 is ‚fail-safe'.

Order No.	Type	d_1	d_2	d_3	h_1	l_1	l_2	Axial load kgf max.	Shore
P2103.050-040	Type 1	50	M 8	6.5	25	61-70	85	20	40
P2103.050-050	Type 1	50	M 8	6.5	25	61-70	85	40	50
P2103.050-060	Type 1	50	M 8	6.5	25	61-70	85	60	60
P2103.050-070	Type 1	50	M 8	6.5	25	61-70	85	80	70
P2103.060-040	Type 1	64	M10	9.0	35	76-91	110	30	40
P2103.060-050	Type 1	64	M10	9.0	35	76-91	110	45	50
P2103.060-060	Type 1	64	M10	9.0	35	76-91	110	65	60
P2103.060-070	Type 1	64	M10	9.0	35	76-91	110	75	70
P2103.065-040	Type 1	64	M10	9.0	35	76-91	110	50	40
P2103.065-050	Type 1	64	M10	9.0	35	76-91	110	75	50
P2103.065-060	Type 1	64	M10	9.0	35	76-91	110	120	60
P2103.065-070	Type 1	64	M10	9.0	35	76-91	110	140	70
P2103.066-040	Type 1	64	M12	9.0	35	76-91	110	50	40
P2103.066-050	Type 1	64	M12	9.0	35	76-91	110	75	50
P2103.066-060	Type 1	64	M12	9.0	35	76-91	110	120	60
P2103.066-070	Type 1	64	M12	9.0	35	76-91	110	140	70
P2103.070-040	Type 1	64	M12	11.0	35	100	120	50	40
P2103.070-050	Type 1	64	M12	11.0	35	100	120	75	50
P2103.070-060	Type 1	64	M12	11.0	35	100	120	120	60
P2103.070-070	Type 1	64	M12	11.0	35	100	120	140	70
P2103.080-040	Type 1	83	M10	11.0	35	108-112	135	80	40
P2103.080-050	Type 1	83	M10	11.0	35	108-112	135	130	50
P2103.080-060	Type 1	83	M10	11.0	35	108-112	135	175	60
P2103.080-070	Type 1	83	M10	11.0	35	108-112	135	235	70
P2103.081-040	Type 1	83	M12	11.0	35	108-112	135	80	40
P2103.081-050	Type 1	83	M12	11.0	35	108-112	135	130	50
P2103.081-060	Type 1	83	M12	11.0	35	108-112	135	175	60
P2103.081-070	Type 1	83	M12	11.0	35	108-112	135	235	70
P2103.095-040	Type 1	92	M10	10	39	122-127	150	150	40

Anti-vibration Mounts

Order No.	Type	d_1	d_2	d_3	h_1	l_1	l_2	Axial load kgf max.	Shore
P2103.095-050	Type 1	92	M10	10	39	122-127	150	260	50
P2103.095-060	Type 1	92	M10	10	39	122-127	150	330	60
P2103.095-070	Type 1	92	M10	10	39	122-127	150	390	70
P2103.096-040	Type 1	92	M12	10	39	122-127	150	150	40
P2103.096-050	Type 1	92	M12	10	39	122-127	150	260	50
P2103.096-060	Type 1	92	M12	10	39	122-127	150	330	60
P2103.096-070	Type 1	92	M12	10	39	122-127	150	390	70
P2103.110-040	Type 1	106	M12	13	41	137-149	175	200	40
P2103.110-050	Type 1	106	M12	13	41	137-149	175	305	50
P2103.110-060	Type 1	106	M12	13	41	137-149	175	420	60
P2103.110-070	Type 1	106	M12	13	41	137-149	175	450	70
P2103.111-040	Type 1	106	M16	13	41	137-149	175	200	40
P2103.111-050	Type 1	106	M16	13	41	137-149	175	305	50
P2103.111-060	Type 1	106	M16	13	41	137-149	175	420	60
P2103.111-070	Type 1	106	M16	13	41	137-149	175	450	70
P2103.125-040	Type 1	123	M16	14	48	154-162	190	350	40
P2103.125-050	Type 1	123	M16	14	48	154-162	190	500	50
P2103.125-060	Type 1	123	M16	14	48	154-162	190	700	60
P2103.125-070	Type 1	123	M16	14	48	154-162	190	900	70
P2103.150-040	Type 1	156	M16	20	53.5	188-218	218	450	40
P2103.150-050	Type 1	156	M16	20	53.5	188-218	218	570	50
P2103.150-060	Type 1	156	M16	20	53.5	188-218	218	800	60
P2103.150-070	Type 1	156	M16	20	53.5	188-218	218	1000	70
P2103.151-040	Type 2	156	M16	14.5	53.5	125-132	164	450	40
P2103.151-050	Type 2	156	M16	14.5	53.5	125-132	164	570	50
P2103.151-060	Type 2	156	M16	14.5	53.5	125-132	164	800	60
P2103.151-070	Type 2	156	M16	14.5	53.5	125-132	164	1000	70
P2103.180-040	Type 2	186	M20	14.0	84.0	146-150	181	875	40
P2103.180-050	Type 2	186	M20	14.0	84.0	146-150	181	1200	50
P2103.180-060	Type 2	186	M20	14.0	84.0	146-150	181	1700	60
P2103.180-070	Type 2	186	M20	14.0	84.0	146-150	181	2400	70
P2103.220-040	Type 2	230	M24	19.0	105.0	180	220	1600	40
P2103.220-050	Type 2	230	M24	19.0	105.0	180	220	2400	50
P2103.220-060	Type 2	230	M24	19.0	105.0	180	220	3400	60
P2103.220-070	Type 2	230	M24	19.0	105.0	180	220	4200	70



P2104

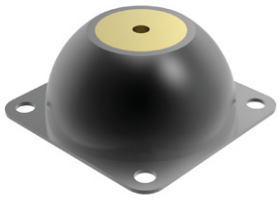
Material
Rubber on black zinc plated steel (rubber hardness 40-70 Shore A).

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

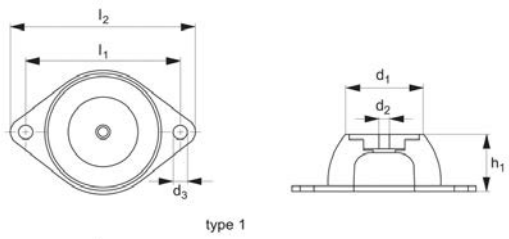
Tips
It is used in applications where the load to be supported is low, and where high deflection is required to reach high vibration isolation levels. Marine engines, small vehicles or machines, small and medium sized generator sets.

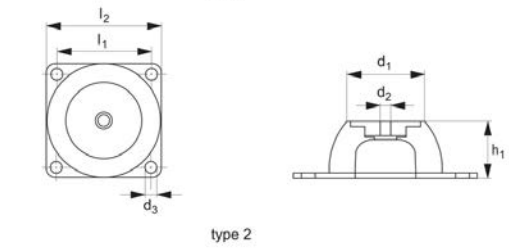
Order No.	d_1	d_2	h_1	h_2	l_1	w_1	l_2	l_3	l_4	l_5	l_6	Load kgf max.
P2104.16-40	12.2	M16	75	6.2	173	60	205	70	15.8	17	16.2	40
P2104.16-50	12.2	M16	75	6.2	173	60	205	70	15.8	17	16.2	75
P2104.16-60	12.2	M16	75	6.2	173	60	205	70	15.8	17	16.2	100
P2104.16-70	12.2	M16	75	6.2	173	60	205	70	15.8	17	16.2	150

Anti-vibration Dome Mounts



P2105



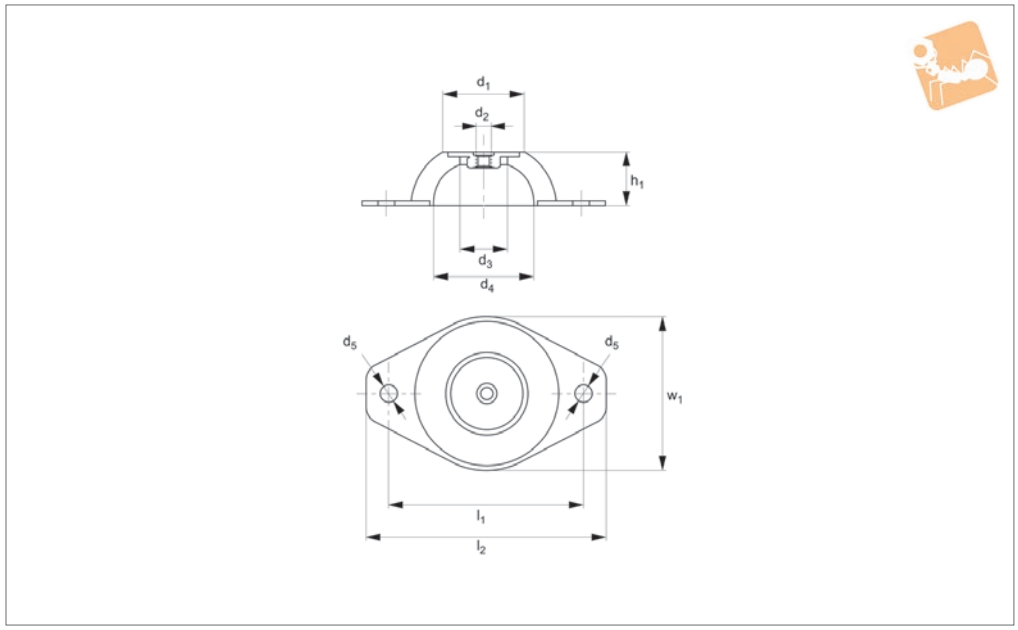


Material
Rubber on yellow zinc plated steel (rubber hardness 45-65 Shore A).

Technical Notes
The design of the mount makes them ideal for machines that move in three directions. Oil anti-drip hoods can be supplied on request.

Tips
These mounts are found on compressors, air conditioners, ventilators and vibrating tables.

Order No.	Type	d_1	d_2	d_3	h_1	h_2	l_1	l_2	Load kgf max.	Weight g
P2105.045-45	Type 1	33.0	M 8	8.0	25	2.0	66	85	20	70
P2105.045-60	Type 1	33.0	M 8	8.0	25	2.0	66	85	50	70
P2105.065-45	Type 1	52.0	M10	10.5	35	2.5	92	114	40	170
P2105.065-60	Type 1	66	M10	10.5	35	2.5	92	114	75	170
P2105.085-45	Type 1	52.0	M10	11.5	40	3.0	110	136	75	303
P2105.085-60	Type 1	52.0	M10	11.5	40	3.0	110	136	120	303
P2105.090-45	Type 1	57.5	M10	12.5	45	3.0	125	150	130	430
P2105.090-60	Type 1	57.5	M10	12.5	45	3.0	125	150	220	430
P2105.130-45	Type 2	78.0	M12	14.5	63	5.0	120	150	280	1080
P2105.130-60	Type 2	78.0	M12	14.5	63	5.0	120	150	500	1080
P2105.170-45	Type 2	100	M16	14.5	84	4.0	160	200	380	2390
P2105.170-60	Type 2	100	M16	14.5	84	4.0	160	200	750	2390
P2105.250-45	Type 2	187	M24	18.5	158	6.0	250	310	1400	10400
P2105.250-60	Type 2	187	M24	18.5	158	6.0	250	310	2500	10400



P2106

Material
Rubber on yellow zinc plated steel (rubber hardness 45-65 Shore A).

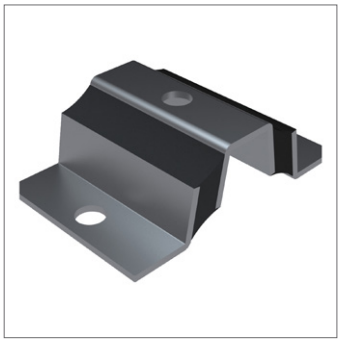
Technical Notes
The design of these mounts makes them ideal for the use with machines where violation of vertical and horizontal vibration occur.

Tips
These mounting are particularly suitable for applications with low to medium dynamic amplitudes which enables the mountings stiffness rates to provide effective isolation. Suitable for HVAC, ventilators, rotating pumps, torque or frequency converters, electric motors or power units.

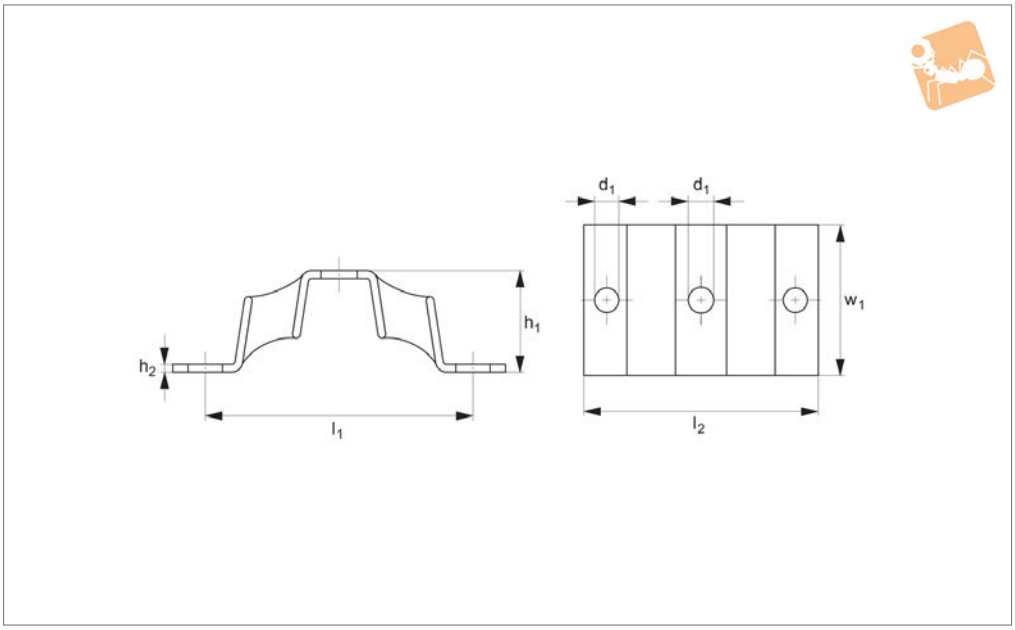
Order No.	d_1	d_2	d_3	d_4	d_5	h_1	l_1	w_1	l_2	Load kgf max.	Weight g
P2106.045-45	24.5	M 6	19	29	6.25	17	52	43	64	4	28
P2106.045-60	24.5	M 6	19	29	6.25	17	52	43	64	10	28
P2106.060-45	32.0	M 6	14	39	6.50	21	76	60	95	15	73
P2106.060-60	32.0	M 6	14	39	6.50	21	76	60	95	25	73
P2106.080-45	51.0	M 8	25	65	8.50	25	100	86	120	75	130
P2106.080-60	51.0	M 8	25	65	8.50	25	100	86	120	110	130
P2106.100-45	54.0	M10	22	67	10.5	25	124	100	149	90	262
P2106.100-60	54.0	M10	22	67	10.5	25	124	100	149	160	262
P2106.150-45	76.0	M14	34	114	12.0	34	182	150	214	130	664
P2106.150-60	76.0	M14	34	114	12.0	34	182	150	214	250	664
P2106.200-45	128.0	M18	35	140	15.0	40	240	200	280	500	1615
P2106.200-60	128.0	M18	35	140	15.0	40	240	200	280	825	1615

Anti vibration Mounts v shaped

v shaped



P2107

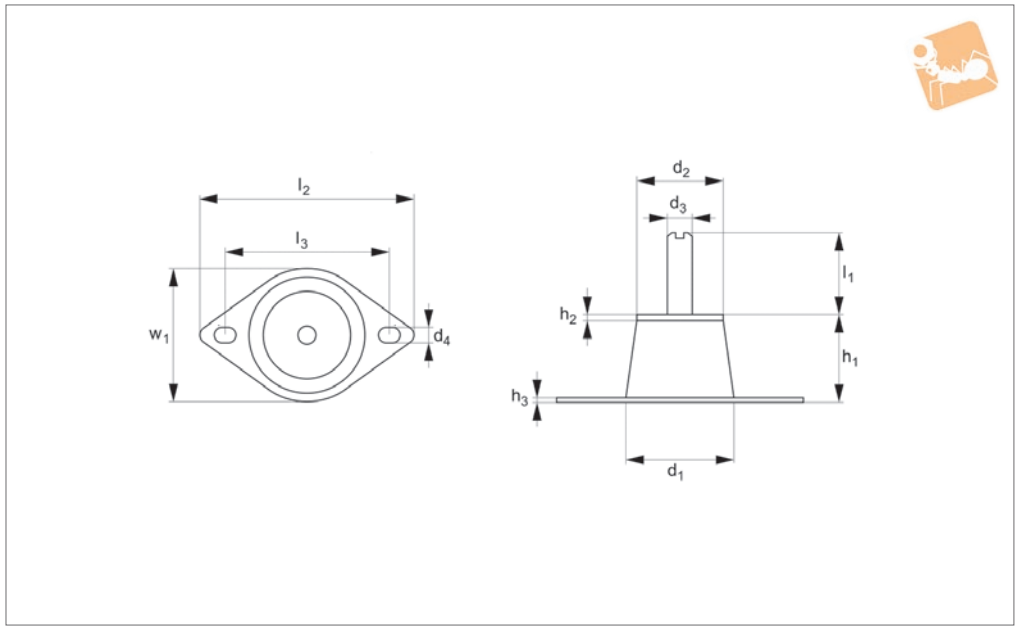


Material
Rubber on silver zinc plated steel (rubber hardness 45-65 Shore A).

Technical Notes
Has a three point anchorage, two to a base and one to the piece of equipment. Very good as a shock/isolating mount for oscillations higher than 15Hz.

Tips
Can be used to hang compressers, speakers and air conditioning units from the wall.

Order No.	Shore hardness	d_1	Compression max.	h_1	h_2	l_1	w_1	l_2	Axial load kgf max.	Radial load kgf max.
P2107.045	45	12	2.5	35	3	90	73	112	60	60
P2107.055	55	12	3.5	35	3	90	73	112	65	65
P2107.065	65	12	6.0	35	3	90	73	112	70	70



P2108

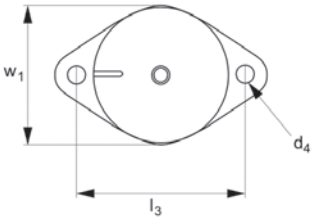
Material
Silicone gel on zinc plated steel base plate with a steel bolt.

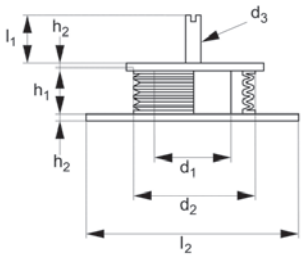
Technical Notes
For applications that use a base plate instead of a bolt.

Order No.	d_1	d_2	d_3	d_4	h_1	h_2	h_3	l_1	w_1	l_2	l_3	Resonance point Hz	Resonance magnification dB	Recommended frequency Hz	Optimum working load kgf
P2108.02-60	30	24	M6	4.2x6	22	2	1	18	36	60	46	15~10	12~13	22~	1,25-3,25
P2108.05-60	30	24	M6	4.2x6	22	2	1	18	36	60	46	13~9	15~16	19~	3,25-7,5
P2108.14-60	30	24	M6	4.2x6	22	2	1	18	36	60	46	12~9	19~21	17~	7,5-12,5

Anti-vibration Mounts
silicone gel

P2109





Material
Silicone gel on silver zinc plated steel.
Stainless steel (A2) on request.

Technical Notes
For applications where a base plate is required and there is a need for damping heavy-load vibration.

Order No.	d_1	d_2	d_3	d_4	h_1	h_2	l_1	w_1	l_2	l_3	Reso-nance point Hz	Resonance magnification dB	Recommended frequency Hz	Optimum working load kgf
P2109.30-35	45	76	M10	11	34	3	30	85	132	28	8~9	18~19	13~	25-35
P2109.50-75	45	76	M10	11	34	3	30	85	132	28	10~15	12~18	15~	30-75

Description

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

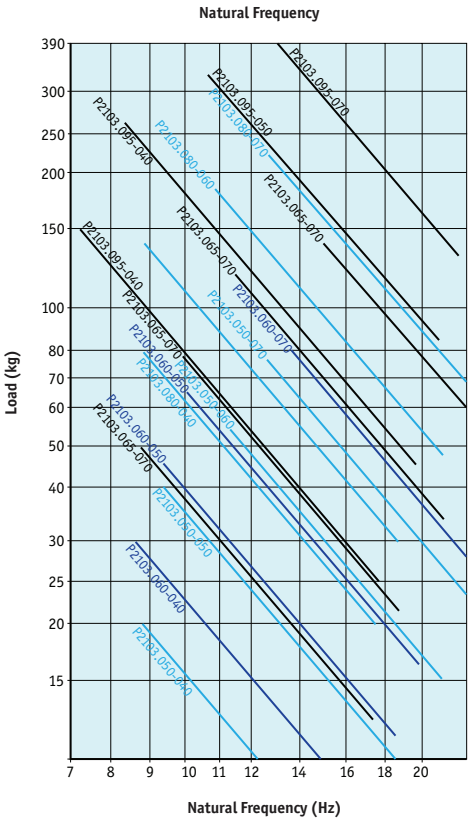
Technical characteristics

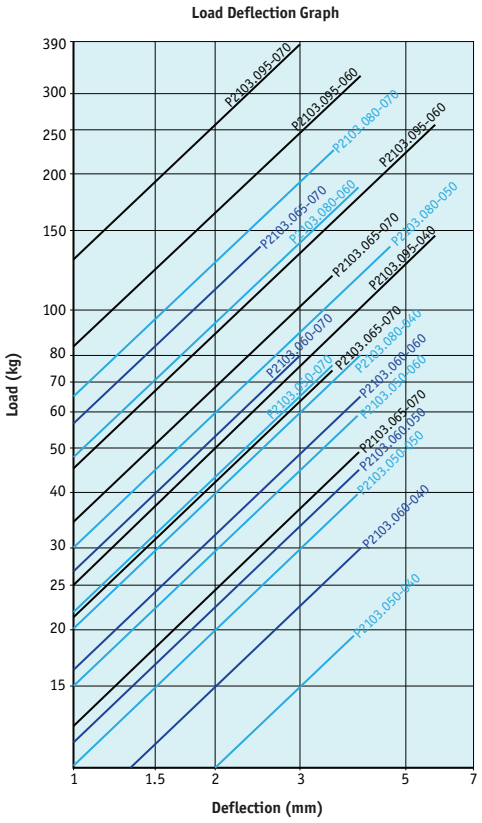
- The top metal hood protects the rubber from the Ozone, UV rays, Diesel or oils which damage the rubber.
- The metal parts have a suitable anticorrosive treatment for outdoor applications.
  RoHs compliant.
- They have an interlocking metal component that provides a fail-safe protection for mobile applications.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

Applications

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

P2103.050 - P2103.096



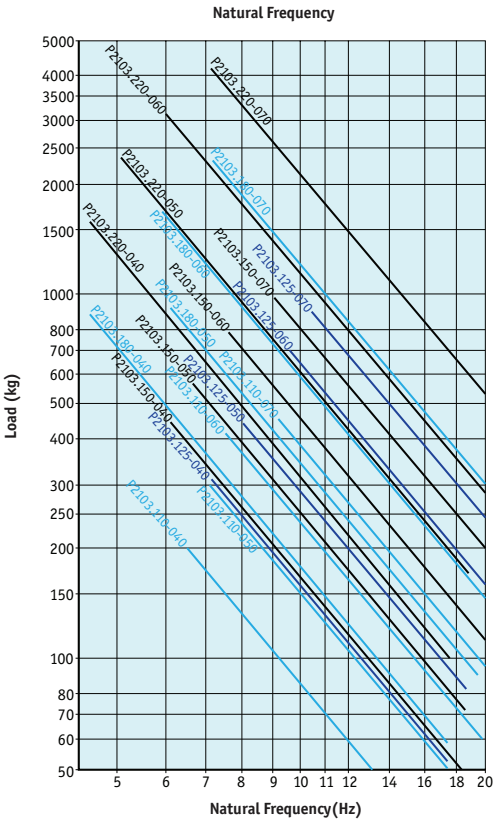


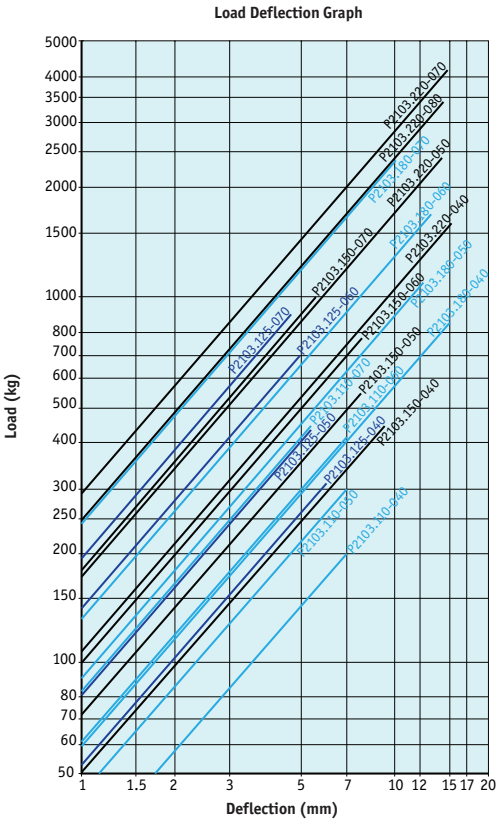
Technical Information

Frequency and Deflection Graphs

Mounts from Automotion Components

P2103.110 - P2103.220





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