

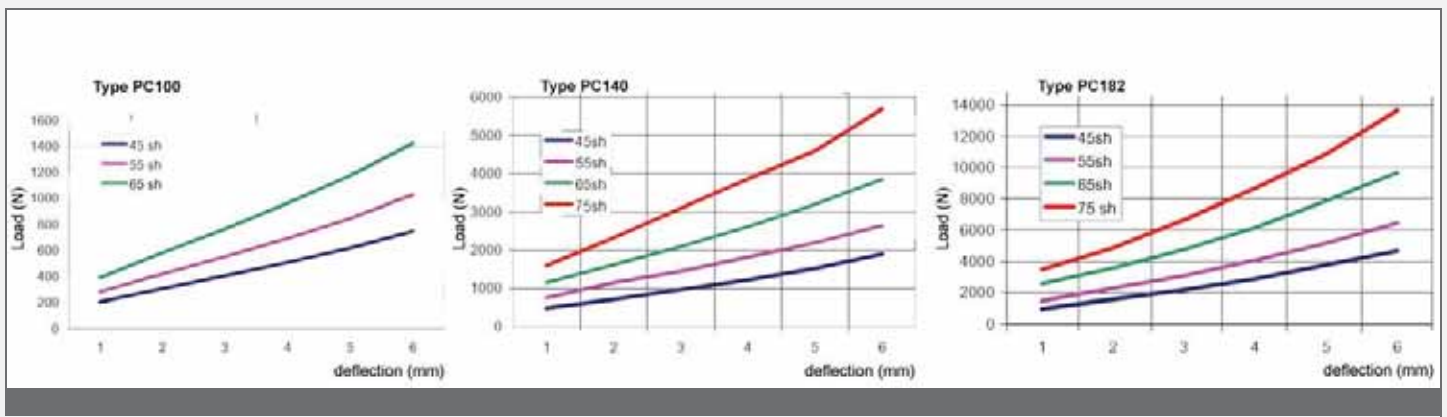
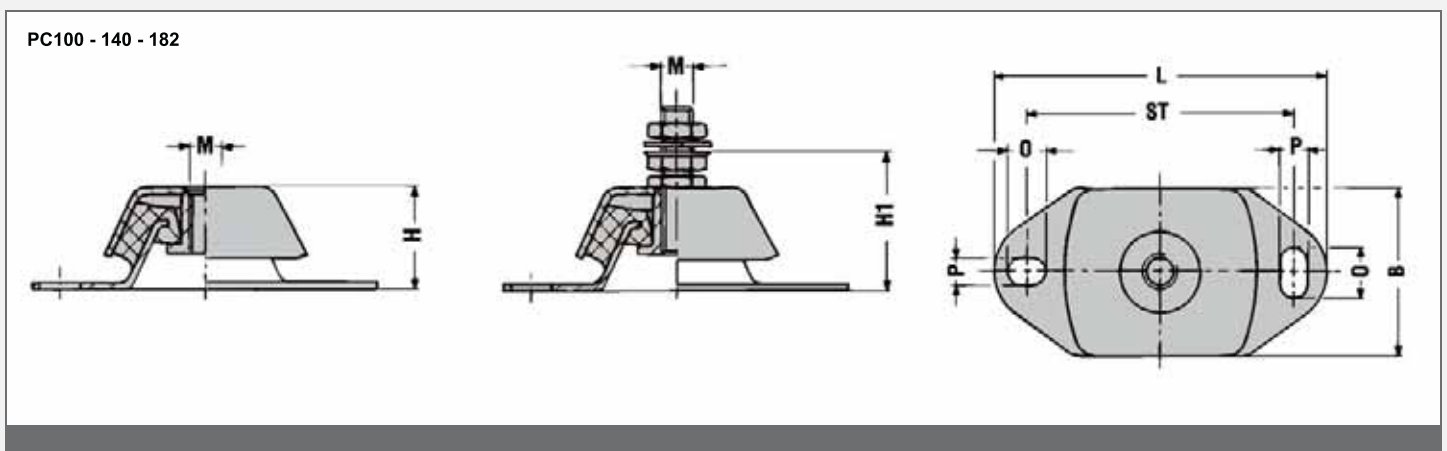
Exalto offers a complete range of anti-vibration mounts for the fitting of propulsion engines and generator sets to enlarge your comfort on board. Please do not hesitate to contact us for helping you select the best anti-vibration mount for your situation. With your data like weight and type of motor, number of revolutions and number of supports, we can make an anti-vibration calculation.

The sizes of hardness mentioned in the tables are available as standard. Other hardness sizes are available on request. The anti-vibration mounts are available with or without heavy style. The cap is galvanized, the mounting foot coated. All anti-vibration mounts are certified by Bureau Veritas.

## Dimensions

### Of types PC100, PC140 and PC182

Dimensions in mm



Type	H	H1	M	ST	L	B	O	P	Spanner width
PC100	40	62 / 72	M12	100	120	60	14	11	20
PC140	50	79 / 89	M16	140	184	75	30	13	27
PC182	70	106 / 116	M20	182	230	112	26	18	30



## Anti-vibration mounts

### Type 60.060

The 60.060 has an extra large horizontal stiffness. Due to the use of a special grade of rubber, vibrations of 1 - 3 cylinder engines can be absorbed. This anti-vibration mount is also suitable for generator sets, pump sets and compressors. The 60.060 is available in three types. The mounts are dip protected.

Max. deflection : 3 mm

Type no.	Max. weight (kg)	Stiffness (N/mm)	D (mm)	A (mm)	H (mm)	d (mm)	M	Cat. no.
03	60	196	62.5	76.5	34.5	10	M12	86599
04	110	360	62.5	76.5	34.5	10	M12	86600
05	150	490	62.5	76.5	34.5	10	M12	86601



## Anti-vibration mounts

### Type PC100

The PC100 combines optimum vibration insulation with a long lifetime. This is a tri-flex mount, which means that the vibrations are absorbed in three directions. Due to a perfect proportion of vertical and horizontal stiffness, the contact noise is also reduced. The PC100 is available in three sizes of hardness.

For type PC100 we have an adapter available for M12 to M16.

Max deflection : 6 mm

Hardness (°Sh)	Stiffness (N/mm)	Max. weight (kg)	Model H* Cat. no.	Model H1** Cat. no.
45	136	75.0	86110.45	86140.45
55	185	102.9	86110.55	86140.55
65	256	142.5	86110.65	86140.65
Adapter M12 to M16				86100

\*Standard anti-vibration mount without stylus

\*\*Anti-vibration mount with M12 stylus



## Anti-vibration mounts

### Type PC140

The PC140 combines optimum vibration insulation with a long lifetime. This is a tri-flex mount: the vibrations are absorbed in three directions. An optimum proportion between vertical and horizontal stiffness provides a lot of noise reduction. This anti-vibration mount is available in four sizes of hardness.

Max deflection : 6 mm

Hardness (°Sh)	Stiffness (N/mm)	Max. weight (kg)	Model H* Cat. no.	Model H1** Cat. no.
45	320	190	86210.45	86240.45
55	483	265	86210.55	86240.55
65	700	385	86210.65	86240.65
75	1033	570	86210.75	86240.75

\*Standard anti-vibration mount without stylus

\*\*Anti-vibration mount with M16 stylus



## Anti-vibration mounts

### Type PC182

The PC182 provides an optimum combination of vibration insulation with a long lifetime. This tri-flex mount absorbs vibrations in three directions. Due to a perfect proportion of vertical and horizontal stiffness, the contact noise is also reduced. The PC182 is available in four sizes of hardness.

Max deflection : 6 mm

Hardness (°Sh)	Stiffness (N/mm)	Max. weight (kg)	Model H* Cat. no.	Model H1** Cat. no.
45	733	470	86410.45	86440.45
55	1033	650	86410.55	86440.55
65	1600	970	86410.65	86440.65
75	2233	1370	86410.75	86440.75

Using the Vibracon foundation elements, pumps, gearboxes, engines, turbines etc. can be mounted accurately to within 0.01 mm. These ready to use elements are easy to apply; the adjustable mount does not need to stiffen and there is no need for filler plates. On top of that, you don't need any specialist tools to mount the elements. A Vibracon always supplies the optimum mount and stays adjustable at all times. The built-in spherical washer of a Vibracon mount can neutralise up to 4 degrees deviation. All the Vibracons have approval of most well established classification societies like Lloyd's, Bureau Veritas and Germanischer Lloyd's.

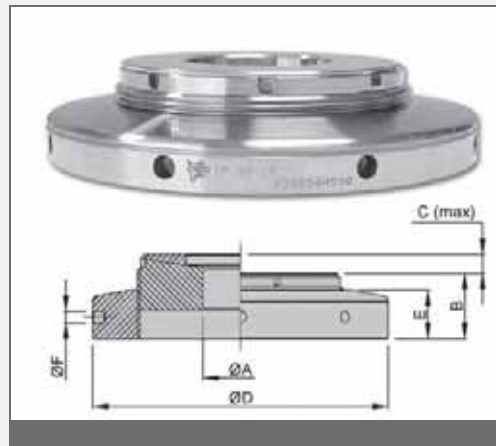


## Adjustable mount

### Type SM Original

The spherical Vibracon SM Original mounts neutralise parallel deviations to an angle of 4 degrees between the foundation and the engine base, resulting in supporting the entire surface. Vibracon adjustable mounts can be adjusted at all times. After an overhaul or replacement the object can be replaced with the same accuracy. For these remarkable mounts, only the best materials are used. Durable, reliable and proven quality, as you may expect from Exalto.

Type	Foundation bolt 8.8	Ø A (mm)	B (mm)	C max. adj. (mm)	Ø D (mm)	E (mm)	Ø F (mm)	Engine load (kN)	Max. load (kN)	Cat. no.
SM12	M12 (M14)	15	30	8	60	15	6	8	48	76910
SM16	M16 (M18)	19	35	10	80	18	6	15	90	76920
SM20	M20 (M22)	23	40	10	100	20	8	25	140	76930
SM24	M24 (M27)	28	45	12	120	24	8	35	200	76940
SM30	M30 (M33)	34	50	12	140	26	10	60	325	76950
SM36	M36 (M39)	40	55	12	160	31	10	90	475	76960
SM42	M42 (M45)	46	60	12	190	36	10	120	675	76970
SM48	M48 (M52)	54	70	15	220	43	10	160	850	76975
SM56	M56 (M60)	62	75	15	230	44	12	225	1150	76980
SM64	M64 (M68)	70	80	15	250	48	12	300	1500	76985



## Adjustable mount

### Type SM Low Profile

Vibracon adjustable mounts now are available in a new version: the SM Low Profile. The most important difference with the SM Original-series is of course the height. Vibracon SM Low Profile mounts can be used where you would normally have to turn to casting mass. With the same advantages as the Original mounts (quick mounting, adjustable at all times and replacable), but than suitable for narrow spaces, like with repair projects (where the spigot dimensions are mostly very limited). The SM Low Profile comes complete with a mounting ring.

Type	Foundation bolt 8.8	Ø A (mm)	B (mm)	C max. adj. (mm)	Ø D (mm)	E (mm)	Ø F (mm)	Engine load (kN)	Max. load (kN)	Cat. no.
SM16LP	M16 (M18)	19	20	10	80	17	6	15	90	76920LP
SM20LP	M20 (M22)	23	20	10	100	17	6	25	140	76930LP
SM24LP	M24 (M27)	28	20	10	120	17	6	35	200	76940LP
SM30LP	M30 (M33)	34	20	10	140	17	6	60	325	76950LP
SM36LP	M36 (M39)	40	30	10	160	26	6	90	475	76960LP
SM42LP	M42 (M45)	46	35	10	190	26	6	120	675	76970LP

## Casting mass

### Hollex Casting mass

Casting mass is a synthetic compound that can be used as a filler for engine foundations and for the fixation of sterntubes and bearings, where accurate alignment is required.



Description	Volume (kg)	Volume (l)	Cat. no.
Casting mass	1	2	99101
Casting mass	5	10	99105
Casting mass	10	20	99110