



ENGINE MOUNTING SYSTEMS

Natural frequency : (1)
6 Hz

DESCRIPTION

This engine mount is made of one conical elastomeric element enclosed in a cast iron assembly. A built-in adjustable stop limits the vertical and lateral displacement during shock. This mount is available in four different alternatives depending on the type of upper fixing needed. It can be supplied with or without levelling system and with a threaded hole or a threaded stud.

OPERATION

This mount has been designed to suspend fixed or mobile generators which require a high level of vibration isolation and shock protection. The load per mount varies from 600 kg to 2300 kg. This load range is covered by 5 different variants (12 to 16) clearly identified by a coloured marking (see table).

This mount is available in four different alternatives depending on the type of upper fixing needed:

- 905201 : No levelling system - M24 x 3.00 threaded hole,
- 905202 : Built-in levelling system - M24 x 3.00 threaded hole,
- 905203 : No levelling system - M24 x 3.00 threaded stud,
- 905206 : Built-in levelling system - M24 x 3.00 threaded stud.

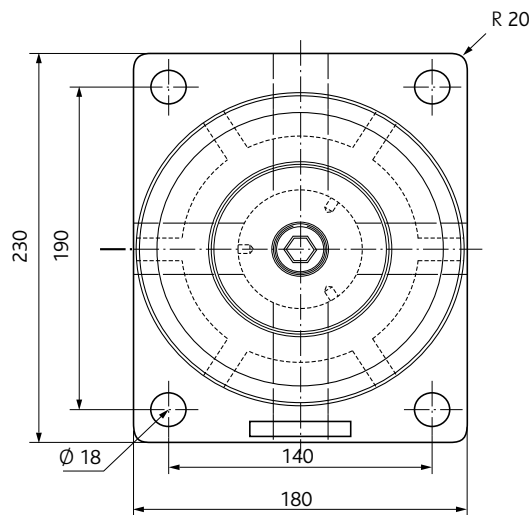
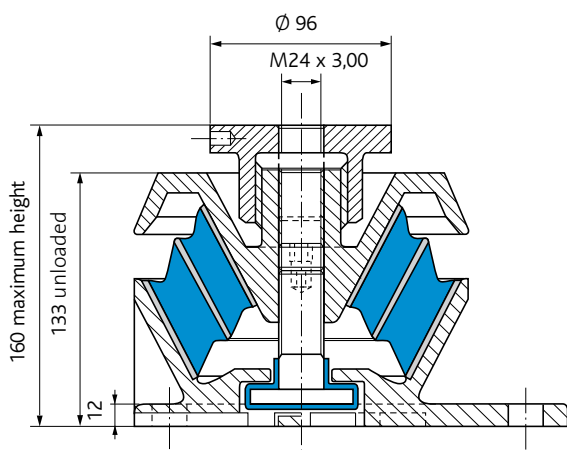
(1) Natural frequencies with max/min loads, see : OPERATING CHARACTERISTICS.

OPERATING CHARACTERISTICS AND DIMENSIONS

under static load : 6,5 to 11 mm
 Natural frequency : 5 to 6,5 Hz.

- Maximum displacement :
 Vertical (Axial) : ± 6 mm.
 Lateral (Radial) : ± 4 mm.
- Structural resistance :
 Vertical (Axial) : ± 4 g.
 Lateral (Radial) : ± 2 g.
- Operating temperatures : $- 10^{\circ}\text{C}$ up to $+ 70^{\circ}\text{C}$.
- Unit weight : 11.5 to 12.8 kg (depending on the variant).

Load range (daN)	Variant	Colour
600 - 850	12	White
850 - 1 150	13	Yellow
1 100 - 1 450	14	Green
1 400 - 1 900	15	Blue
1 700 - 2 300	16	Purple



Reference 905202

ASSEMBLY

The installation of these mounts and the adjustments of their limit stops once loaded are detailed in an assembly procedure supplied with the mounts.

