



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. 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 two different alternatives depending on the type of upper fixing needed :

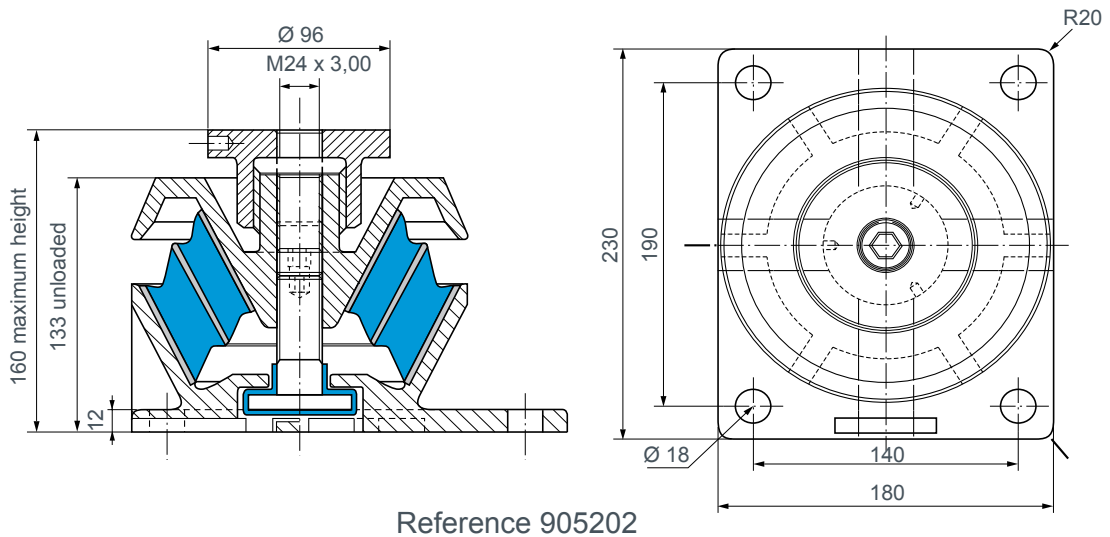
- 905201 : No levelling system - M24 x 3.00 threaded hole.
- 905202 : Built-in levelling system - M24 x 3.00 threaded hole.

1) the indicated natural frequency, are valid for the maxi loads of the ranges of use quoted in the paragraph : TECHNICAL CHARACTERISTICS.

OPERATING CHARACTERISTICS AND DIMENSIONS

- Load range : please refer to the chart below for the different variants and their colour marking.
- Deflection under static load :
4,5 to 7,5 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°C up to + 70°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



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.

