

ENGINE MOUNTINGS



(1) Natural frequency:
6 Hz



DESCRIPTION

This engine mounting 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

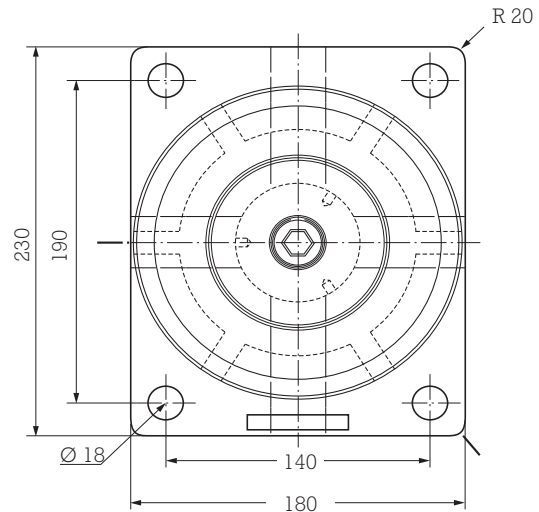
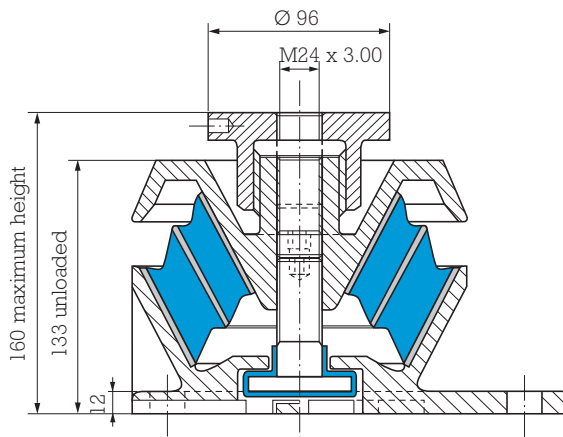
Note: Please refer to the drawings overleaf for more details on the different types of mounts.

(1) Natural frequencies with max/min loads, see: OPERATING 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 :
8 to 10 mm which gives a natural frequency around 6 Hz.
- Maximum displacement :
Vertical (Axial) : ± 6 mm.
Lateral (Radial) : ± 5 mm.
- Ultimate load :
Vertical (Axial) : ± 4 g.
Lateral (Radial) : ± 3 g.
- Operating temperatures :
- 10°C up to + 70°C.
- Unit weight :
11.5 to 12.8 kg (depending on the variant).

Load range	Variant	Color
600 - 850 kg	12	White
850 - 1150 kg	13	Yellow
1100 - 1450 kg	14	Green
1400 - 1900 kg	15	Blue
1700 - 2300 kg	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.

