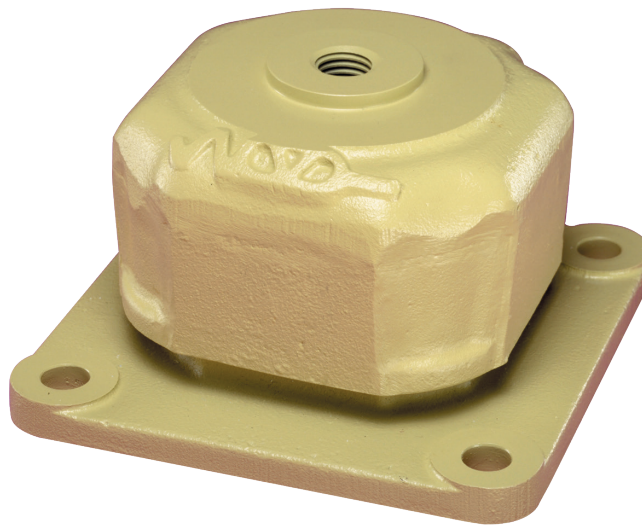


V1H5023 V1H5025

Natural frequency : (1)
15 to 25 Hz



DESCRIPTION

The V1H5023 and V1H5025 mounts have cast iron upper housing and base. The base has four fixing holes.

The resilient elements are stainless steel wire mesh cushions. The cast iron parts are painted.

APPLICATIONS

Isolation of machine-tools : grinding machines, crushing machines, fly-presses, printing machines, textile machinery, etc.

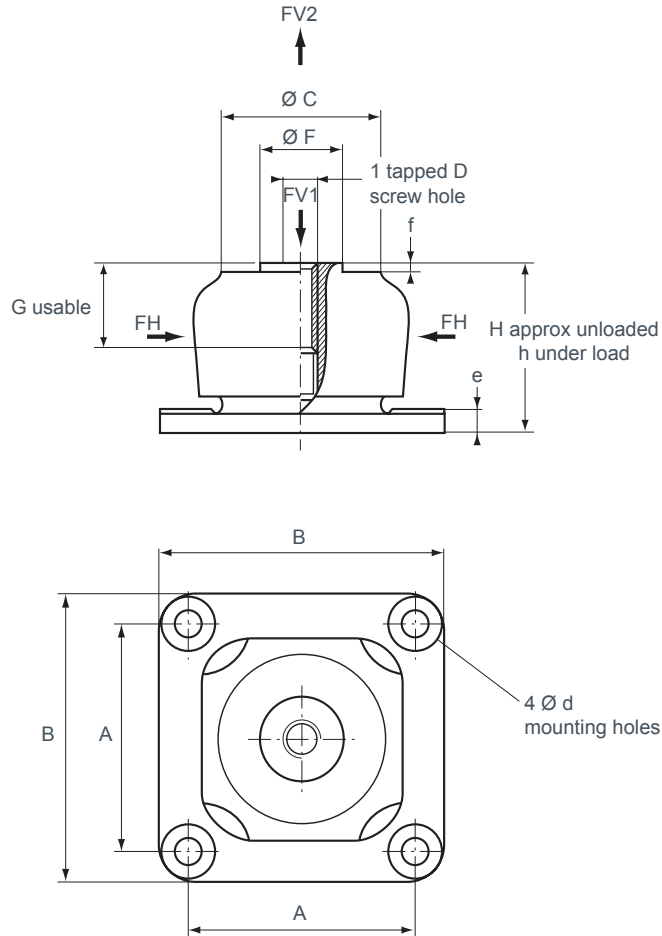
Isolation of rotating machines : engines, sets, pumps, etc. rotating over 2500 rpm.

Marine : isolation of exhaust pipes, manifold, boilers, motors, sets, pumps, etc.

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

DIMENSIONS

FV1 = axial force in compression
 FV2 = axial force in traction
 FH = radial force



| Reference | A (mm) | B (mm) | $\varnothing C$ (mm) | D | $\varnothing E$ (mm) | G (mm) | H (mm) | $\varnothing d$ (mm) | e (mm) | f (mm) | h under FV1 (mm) | h under FV2 (mm) |
|-----------|--------|--------|----------------------|-----|----------------------|--------|--------|----------------------|--------|--------|------------------|------------------|
| V1H5025* | 138 | 172 | 100 | M20 | 50 | 50 | 100 | 15 | 12 | 5 | 96 | 104 |
| V1H5023* | 215 | 260 | 140 | M33 | 70 | 60 | 136 | 23 | 18 | 7 | 132 | 140 |

* Load indice, see below.

OPERATING CHARACTERISTICS

Maximum permitted excitation at natural frequency of suspension : ± 0.3 mm.

- Natural frequencies for this amplitude :
 - axial } 15 to 25 Hz depending on load.
 - radial }
- Amplification factor at resonance : < 4 .
- Structural strength : see table.
- Operating temperature : $- 70^{\circ}\text{C}$ to $+ 300^{\circ}\text{C}$.

| Reference | Static axial load (daN) | Maximum dynamic forces (daN) | | | Weight (kg) |
|------------|-------------------------|------------------------------|---------------|--------|-------------|
| | | Axial compression | Axial tension | Radial | |
| V1H5025-01 | 350 - 900 | 4 500 | 4 500 | 4 500 | 6,7 |
| V1H5025-02 | 800 - 3 000 | 15 000 | 4 500 | 4 500 | |
| V1H5023-01 | 1 000 - 2 500 | 12 500 | 12 500 | 12 500 | 24,4 |
| V1H5023-02 | 2 000 - 7 000 | 35 000 | 12 500 | 12 500 | |