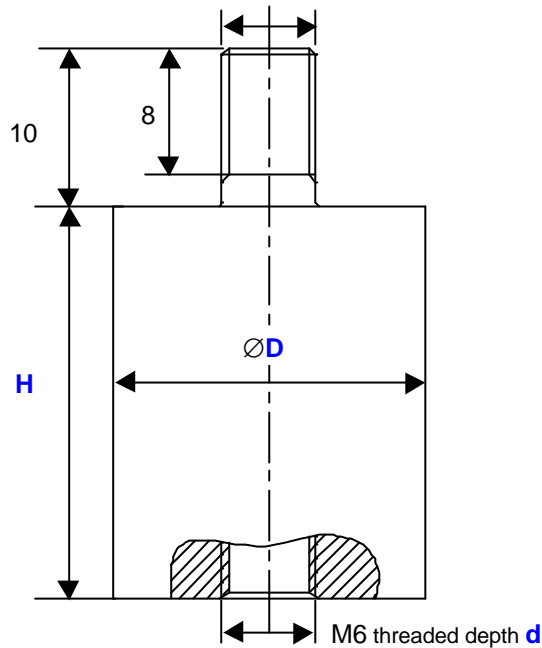


container elastomer mounts standard line "PC"

series
PC31

definition



Dimensions in mm

- Large displacement multidirectional isolators.
- Transmissibility : $Q < 5$.
- Reduced volume.
- Temperature range : -50°C $+120^{\circ}\text{C}$.
- Structure-born noise and electrical isolation.
- No metal continuity
- Great adaptability/versatility : Specials on request (materials, height and diameter, etc.).



Series

Material and finishes

PC31

Elastomer :
high mechanical characteristics silicone.

Metal ends :
zinc/nickel plated steel

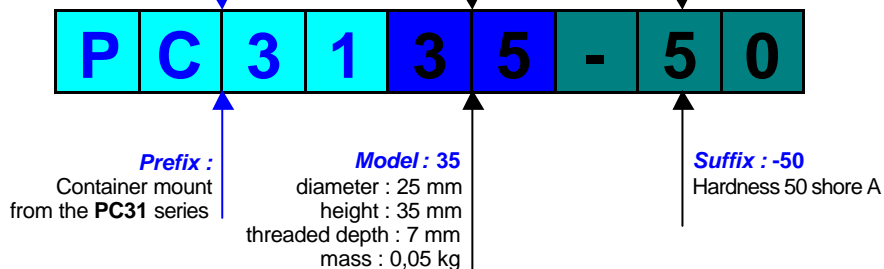
Model

| | diameter D (mm) | height H (mm) | depth d (mm) | mass (kg) |
|-----------|--------------------|------------------|-----------------|--------------|
| 25 | 20 | 25 | 5 | 0,04 |
| 35 | 25 | 35 | 7 | 0,05 |
| 50 | 25 | 50 | 7 | 0,06 |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |

Hardness in SHORE A

| | 40 | 50 | 60 |
|--------------|-----|-----|-----|
| Model | | | |
| | -40 | -50 | -60 |

Example :
PC3135-50



01/01/2003

Socitec
BP 33, 78501 Sartrouville cedex - France
Telephone : +33 (0)1 61 04 60 00
Fax : +33 (0)1 39 14 03 27
<http://www.socitec.com>
e-mail : shock-intl@socitec.com



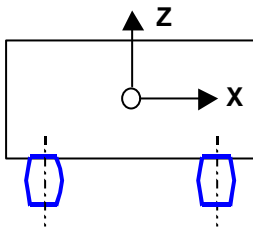
Document subject to modification without prior notice

series PC31

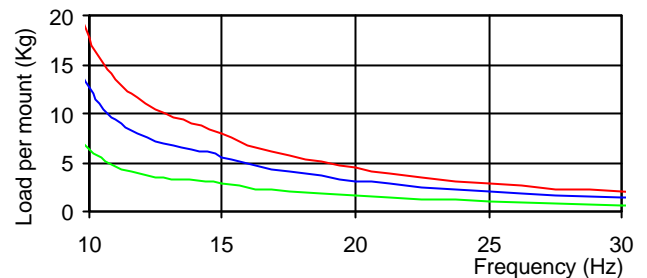
container elastomer mounts standard line "PC"

performances

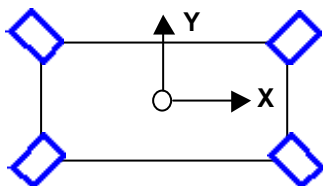
Axial



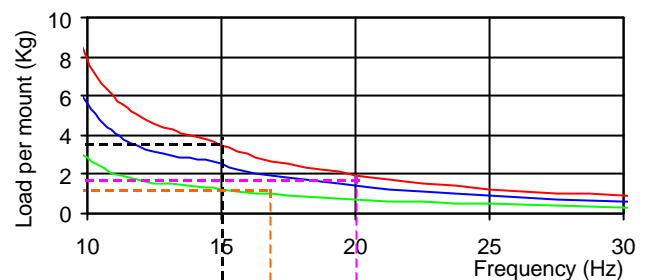
- PC3125-40
- PC3135-40
- PC3150-40



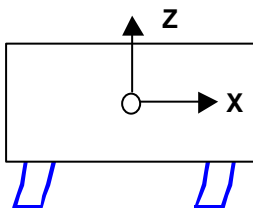
Compression-Tension 45°



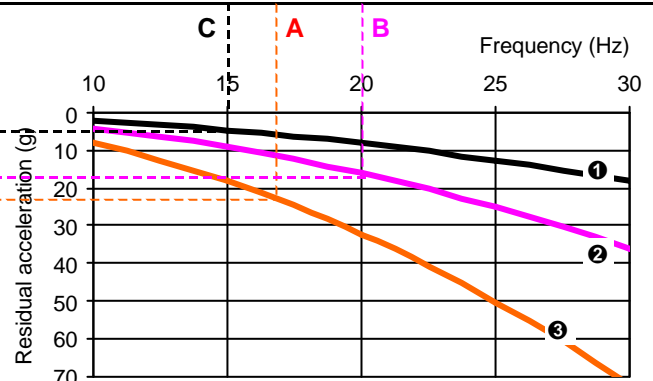
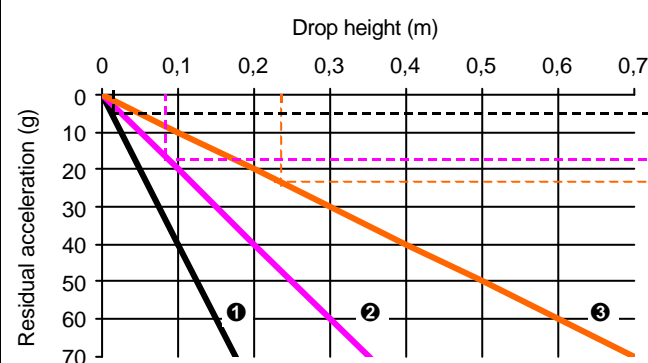
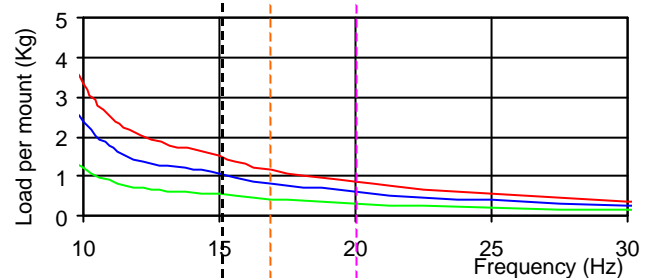
- PC3125-40
- PC3135-40
- PC3150-40



Radial



- PC3125-40
- PC3135-40
- PC3150-40



Deflection in mount under shock :

- ① 5 mm
- ② 10 mm
- ③ 20 mm

Determination with compression/tension 45° configuration :

- A Height 23,5cm / 23,5g residual - Deflection 20mm / Frequency 17,1Hz / 1Kg per **PC3150-40**
- B Frequency 20Hz / 1,4Kg per **PC3135-40** / 16,1g residual - Deflection 10mm / Height 80,5mm
- C 3,5Kg per **PC3125-40** / Frequency 15Hz / 4,5g residual - Deflection 5mm / Height 11,25mm

Typical shock/vibration specifications :

shock and vibration

- Ground Forces GAM EG13A, SEFT 001, MIL-STD-810, VG 95332.
- Air AIR 7306, MIL-E-5400, MIL-C-172.
- Marine GAM EG13C, IT25-21/96-31/15-86, MIL-S-167, STANAG 042, BV 044.
- Others GAM EMB1, GAM EMBT4, DEF STAN 07-55, IEC 571, FINABEL 2C.

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