

# GKE-F Series

## Construction

The GKE-F series dampers are made of silicon elastomers with high mechanical fatigue properties, low creeping under static load and elevated damping, allowing to reach a transmissibility at resonance lower than 5 according with loads and input levels ( $Q_{max} < 7$ )

Approximate weight of damper: 2,07 kg

## Applications

From their ability to accept very large displacements, they are perfectly suitable for damping of high vibrations and shock levels in Navy, Transportation and general Industrial applications

## Codification

The reference to be indicated for these dampers is as:

GKE-F[xx];

[xx] corresponding to the index of load range

***Particular achievements with specific load range can be proposed, for any request, consult our engineering departments***

## Characteristics

It is possible to apply the load in all directions but preferably in compression axis

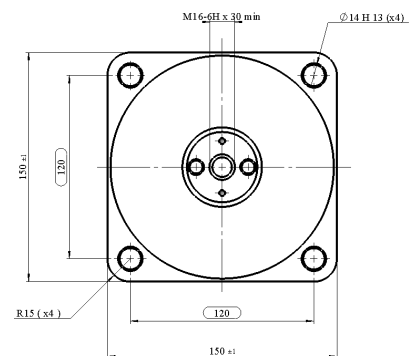
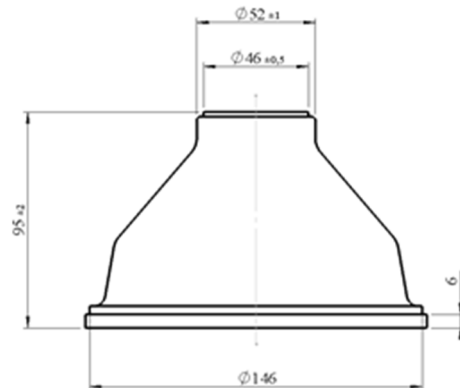
The vibrations levels can reach  $\pm 3,0\text{mm}$  and this for resonance frequencies from 5Hz

The axial to radial frequency factor is about 1,25

The operative temperature range is from  $-55^{\circ}\text{C}$  to  $+150^{\circ}\text{C}$

The maximum loads are:

GKE-F1	GKE-F2	GKE-F3	GKE-F4	GHE-F5	GHE-F6
120 Kg	160 Kg	220 Kg	305 Kg	425 Kg	600 Kg



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