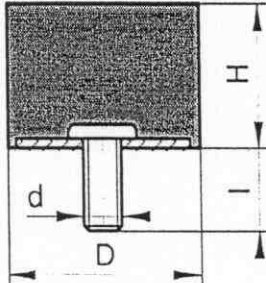


vibration insulator – typ D

GP-DZ-015x015-M4x...-NR...



D = 15 mm
H = 15 mm
d = M4
l = ... mm

Tolerance:

- Dimensions rubber: regarding DIN ISO 3302-1 part 1, Class M3
- Hardness rubber: $\pm 5^\circ$ Shore A $\pm 5^\circ$ Shore A

Metal:

- Steel, zinc-coated, thickness min. 10 μ m (EN 12329 Fe//Zn12//A)
- Threads strength class 5.6

All materials RoHS – conform!!!

loading conditions

D	H	pressur load				thrust load		
		force in N	deflection f in mm			force in N	deflection f in mm	
			45° Sh	55° Sh	70° Sh		45° Sh	55° Sh
15	15	20	0,68	0,29	0,17			
		40	1,30	0,57	0,34			
		90		1,23	0,73	no data		
		150			1,19			

material properties

kinds of rubber		main properties - constancy					
abbr.	trade name	temperature	oil	petrol	ozone	acid ¹⁾	elongation
NR (NK)	Natural Rubber	-30°...+80°C	low	none	satisfact.	low	600%
SBR	Buna Styrol Butadien	-30°...+80°C	low	none	befried.	low	450%
CR	Neoprene	-20°...+110°C	good	low	very good	good	450%
NBR	Perbunan	-30°...+120°C	excellent	very good	satisfact.	satisfact.	450%
EPDM	Keltan, Buna AP	-30°...+130°C	low	low	excellent	good	450%
SI	Silikon	-60°...+200°C	satisfact.	low	satisfact.	satisfact.	500%

more properties on request

1) crucial is the kind and concentration of the acid

pb elektro vertriebs-gmbh
Robert-Bosch-Straße 16
D-64823 Groß-Umstadt
Tel. +49 6078 7809-0
Fax. +49 6078 7 444 7

name:

technical data vibration insulator

pb part-no.

110718

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