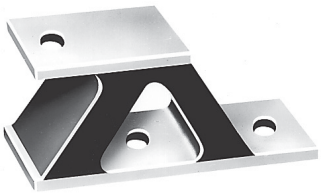
Rubber-metal element ▪ Type GML-V, GML-W

Bearing element with V- or W-shaped rubber profile



Type GML-V

Type GML-W

Applications

- highly versatile in use
- for elastic bearing of sensitive instruments
- special protection against shaking
- for compression stress
- for shearing stress
- for damping sound and vibration

Structure type GML-V/GML-W

☐ Bearing element with metal rails and V- or W-shaped rubber profiles

☐ Through holes for fastening with through bolts

Metal parts

☐ Material: 1.0038 (S235JR) / 8.8

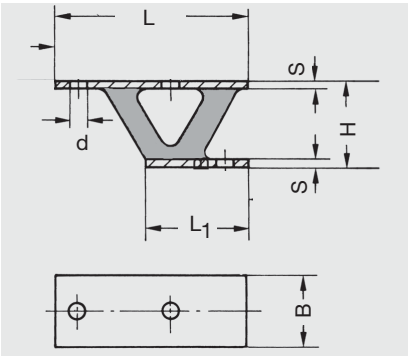
☐ Corrosion protection: oiled or electrogalvanized

Rubber element

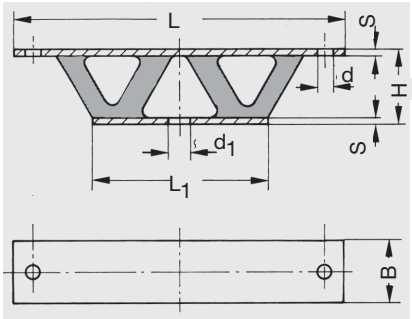
☐ Highly-elastic hollow rubber profile with metal rails vulcanized onto both sides

Rubber grade	Rubber hardness	Possible uses
NBR	**hard – 70 Shore A**	**Water, gas, fuel oil, mineral oil**
	medium – 60 Shore A	
	soft – 45 Shore A	

Versions



Type GML-V
Short version with V-shaped rubber profile



Type GML-W
Long version with W-shaped rubber profile

Dimensions/stress type GML-V

B mm	H mm	S mm	L mm	L_1 mm	d mm	Rubber hardness Shore A	Vertical stress Spring excursion max. amm	Vertical stress Load F_{tol} * N	Art. No.	Pck. qty.
25	**30**	**2.5**	**68**	**36**	**6.5**	**70**	**3,5**	**300000**	**51895300-00**	**20**
25	**30**	**2.5**	**68**	**36**	**6.5**	**60**	**3,5**	**200000**	**51895200-00**	**20**
25	**30**	**2.5**	**68**	**36**	**6.5**	**45**	**3,5**	**100000**	**51895100-00**	**20**

Dimensions/stress GML-W

B mm	H mm	S mm	L mm	L_1 mm	d mm	d_1 mm	Rubber hardness Shore A	Vertical stress Spring excursion max. mm	Vertical stress Load F_{tol} * N	Art. No.	Pck. qty.
25	**30**	**2.5**	**135**	**72**	**6.5**	**8.5**	**70**	**3,5**	**600000**	**00002665-00**	**12**
25	**30**	**2.5**	**135**	**72**	**6.5**	**8.5**	**60**	**3,5**	**400000**	**00002572-00**	**12**
25	**30**	**2.5**	**135**	**72**	**6.5**	**8.5**	**45**	**3,5**	**200000**	**00002666-00**	**12**

* F_{tol} is the **tolerable static permanent load:** a dynamic alternating load can be superimposed.
The stated tolerable loads are only approximate indications for the static load.
Delivery only possible in the stated packaging quantities (far-right column).

Note

Please comply with general technical instructions. Subject to technical alterations and deviations resulting from the manufacturing process.