



VIB VHD 75

VERY HIGH DEFLECTION

LOW LOADS

DESCRIPTION

A range of multi directional mounts with very large deflection manufacture with elastomer and metal parts.

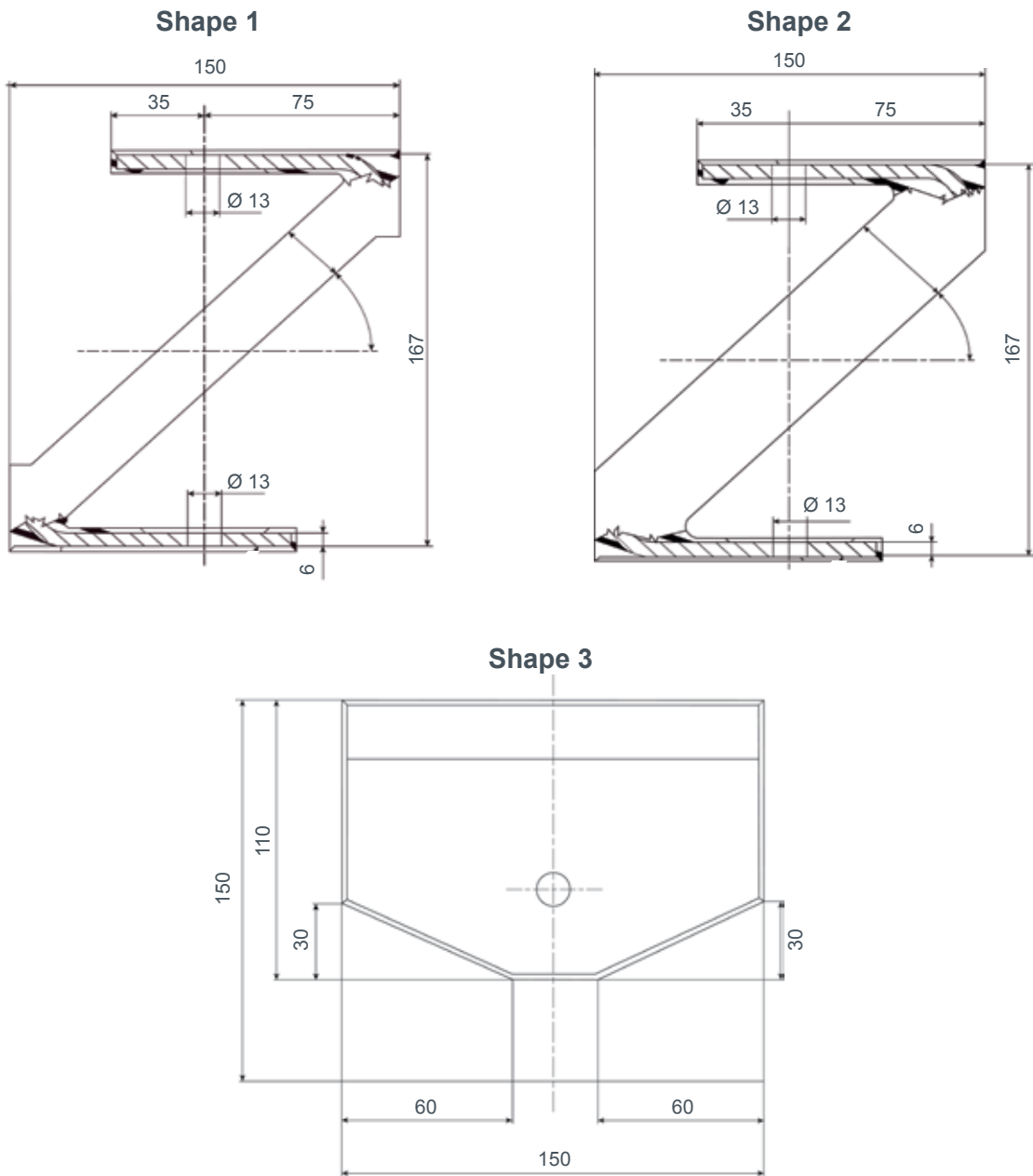
The elastomer is based on natural rubber which has been specially developed for marine applications.

ADVANTAGES

The mounts provide a high level of vibration isolation and shock attenuation. Their strenght is equal to a continuous acceleration of 10g at the maximum load. The range includes 5 references with load ranging from 11 to 94 daN.

The mounts meet the shock requirements for European and North American specifications. The metalwork is covered with elastomer to protect it against corrosion (ex. : salt fog).

DIMENSIONS



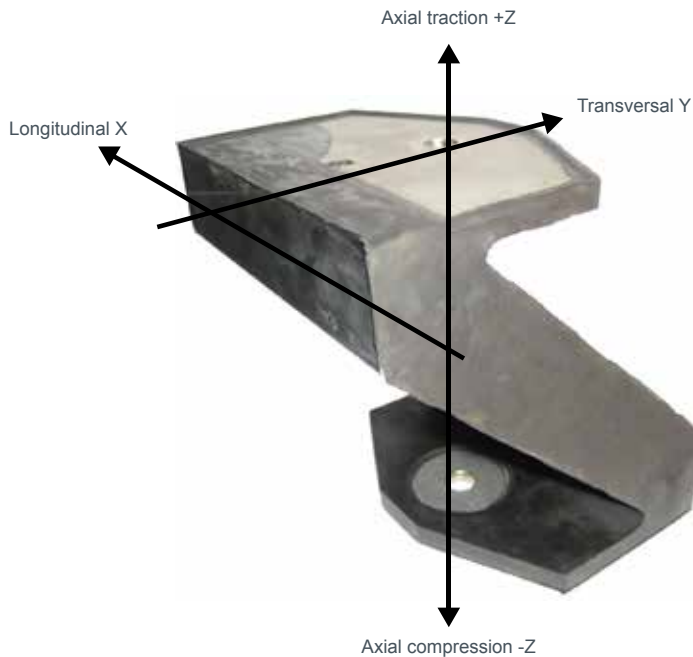
Static loads

Part numbers	Axial Z compression (daN)			Axial Z traction (daN)		Transversal Y (daN)	
	nominal	mini	maxi	nominal	maxi	nominal	maxi
552450	15	11,3	18,8	7,5	9,4	7,5	9,4
552451	25	18,8	31,3	12,5	15,6	12,5	15,6
552452	35	26,3	43,8	17,5	21,9	17,5	21,9
552453	50	37,5	62,5	25	31,3	25	31,3
552454	75	56,3	93,8	37,5	46,9	37,5	46,9

Longitudinal X : No permanent loads should be applied in this direction.



TECHNICAL CHARACTERISTICS



- Resonance Frequency axial and radial : 5 to 7 Hz depending on load.
- Deflection during shock : 75 mm in all directions.
- Mechanical strength : 10 g with maximum load.
- Operating temperature : - 30 °C to + 80 °C.
- Metallic parts are covered with elastomer provide good corrosion resistance when used in a sea water environment.

ASSEMBLY

In the case of a large cabinet, the mounts can also be used as stabilisers. They should be fixed after the load has been supported by main mountings.

To ensure the mounting system operates correctly all connections should be capable of large displacements. We recommend that installation design should be approved by our technical department.