



Technical Specifications Machinery Mounts - TR004

ENGINE

SERVICE CHANNEL

TR004 High Deflection Mounts

DESCRIPTION

Soundown Type TR004 isolation mounts combine double elastic elements and rugged cast base to provide a durable high deflection mount suitable for a wide range of applications. The orientation of the rubber elements and cap design allow for static deflections as high as 13mm for land based installation and 11mm marine applications.

TR004 mounts are available from 45 to 70 Shore A rubber hardness to allow for excellent isolation of loads from of less than 100kg (220lbs) to 1100kg (500lbs) per point. For heavy equipment such as large generator installation multiple mounts may be grouped at each position to achieve specified noise and vibration targets.

Under normal operating conditions TR004s do not require any periodic maintenance other than to check the rubber elements for contamination from oil and grease. In the case of contamination the mounts should be cleaned with a natural soap based cleaner.

TECHNICAL CHARACTERISTICS

-The top metal hood protects the rubber from the Ozone, UV rays, diesel or oils which damage the rubber.

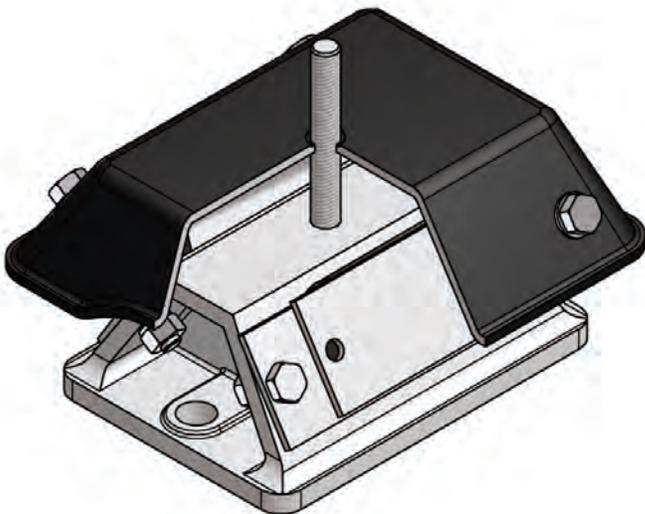
-Available with an internal limit stop for use in marine and other mobile applications. The limit stop will prevent excessive motion of the equipment on the mounts.

-Can be used to mount exhaust silencers and piping when used in conjunction with a thermal block.

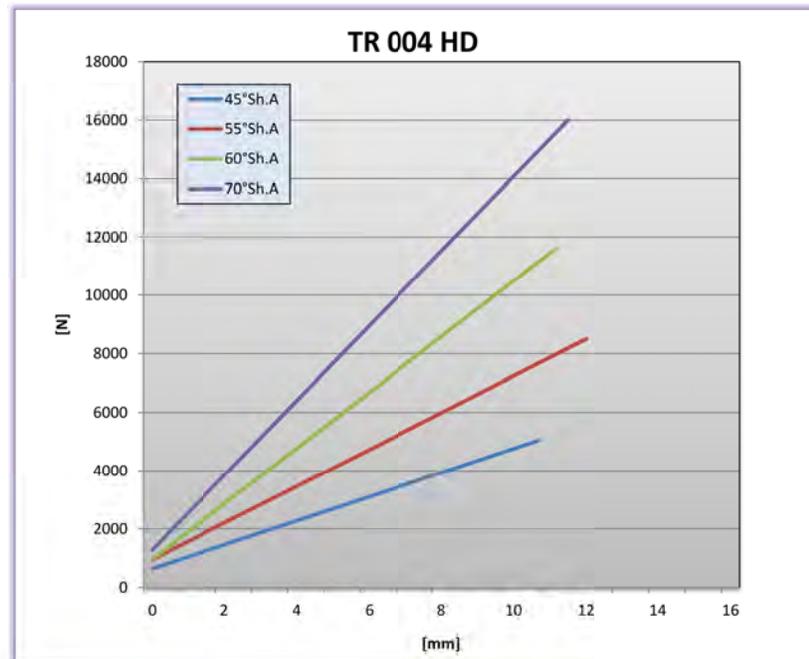
APPLICATIONS

TR004s are suitable for the isolation of mobile rotating machines which are exposed to axial and radial shocks, dripping, oil diesel or exposure to the weather. This mount is suited to applications where a high level of vibration isolation is required.

- Generators
- Air Conditioning Equipment
- Electrical Switch Gear
- Pumps
- Exhaust Equipment (thermal block required)

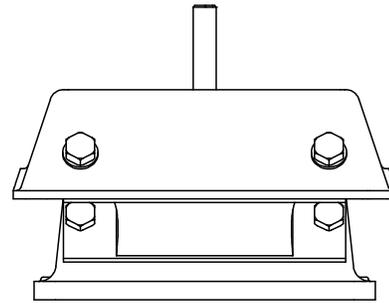
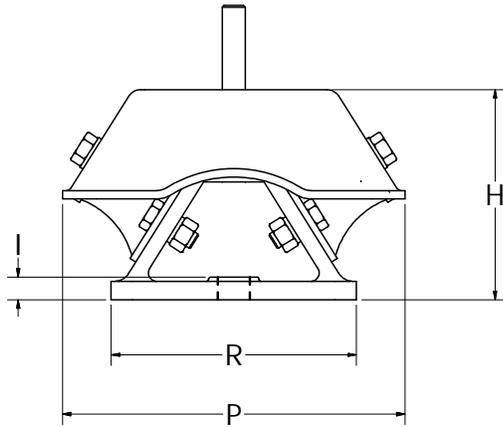
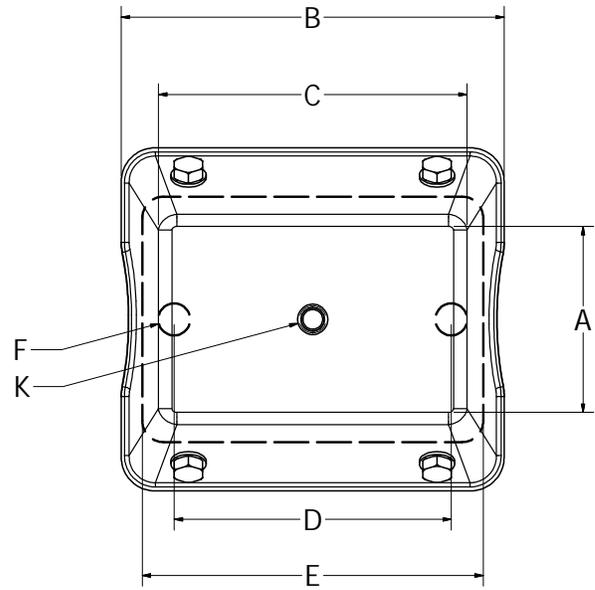
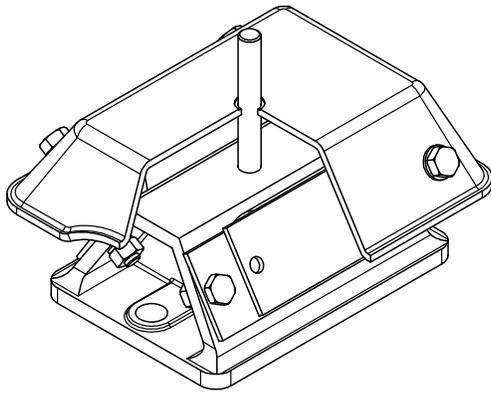


Load Deflection



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8"ID (203,2mm) ENGINE EXHAUST PIPE



Dimensions (mm)	A	B	C	D	E	F	G	H (unloaded)	I	K	P	R
	120	228	180	165	203	17.5	120	125 +/- 0.5	13.5	M16	204	146
Stud/Bolt	Size		Material Grade				Torque					
	M16		8.8				210 Nm					
Stiffness Data	45 Shore A			55 Shore A			60 Shore A			70 Shore A		
Maximum statics Load (kg)	480			720			880			1100		
Vertical Stiffness (N/mm)	425			650			925			1300		
Longitudinal Stiffness (N/mm)	100			160			230			325		
Transverse Stiffness (N/mm)	550			800			1150			1600		

All statements herein are expression of opinion that we believe to be accurate and reliable, but are presented without guaranty or responsibility on our part.

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