

S.L.F. MOUNTS



New !

Natural frequency :
10 to 25 Hz

SILICONE RUBBER / SPECIAL ELECTRONICS

SMALL LOADS / HIGH DEFLECTIONS

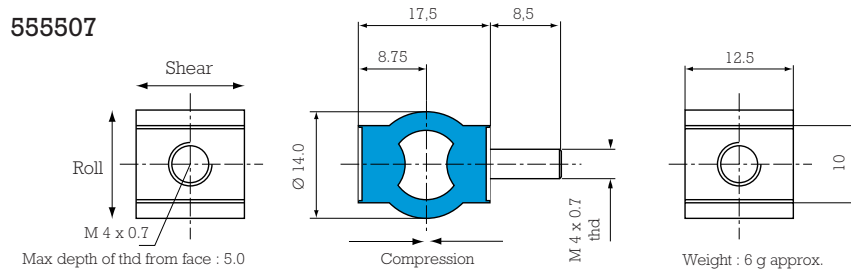
DESCRIPTION

Low frequency high deflection antivibration mounting available in a choice of elastomers including high damped silicone. The zinc plated mild steel metalwork is fully bonded for improved fatigue strength.

APPLICATIONS

These mounts have been designed to protect low mass components and instruments from vibration and shock and to isolate small rotating machines e.g. pumps and electric motors.

DIMENSIONS



OPERATING CHARACTERISTICS

Maximum sinusoidal input at resonance : ± 0.5 mm.
 Resonance frequencies at maximum input : 10 to 25 Hz dependent on axis and load.
 Axial to radial stiffness : 3 : 1.
 Amplification at resonance : silicone mounting : 4 rubber mounting : 10.
 Maximum displacement during shock : axial : 5 mm.
 radial : 7 mm.
 Mechanical strength corresponding to a continuous acceleration of 10 g at maximum load.

Part number	Mix	Static load in compression kg	Static load in shear kg	Static load in roll kg	Temperature for continuous operation
55500*42	Silicone 42 Sh	0.10 - 0.50	0.10 - 0.25	0.10 - 0.15	- 54 to + 150°C
55500*72	Silicone 70 Sh	0.60 - 0.80	0.25 - 0.50	0.15 - 0.30	
55500*01	NR 50 Sh	0.10 - 1.50	0.10 - 0.50	0.10 - 0.40	- 40 to + 70°C
55500*02	NR 70 SH	1.50 - 3.00	0.50 - 1.00	0.40 - 0.80	

NB : The * define the type of fixing : combination fixing : 555507 male/male fixing : 555505 female/female fixing : 555506

ASSEMBLY

Improved stability can be achieved if the mounts are inclined at 45° towards the centre of gravity.

