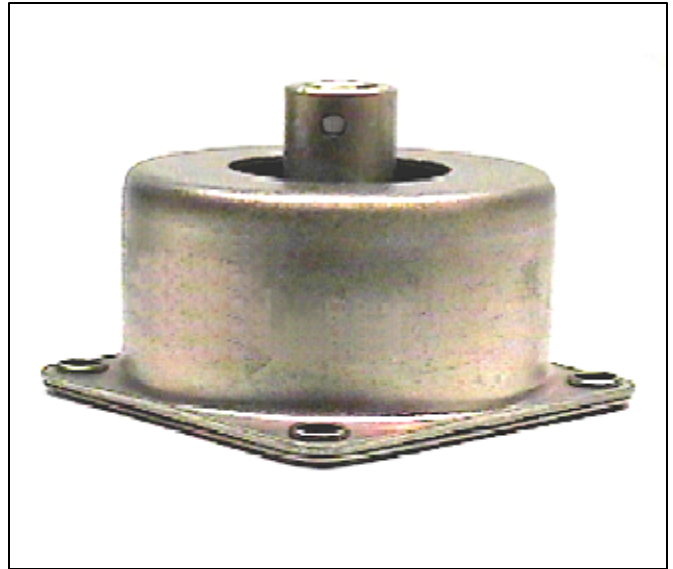


# TM64 SERIES

Natural frequency	15-35 Hz
Loaded height	1.25 in. minimum
Transmissibility at resonance	4 Max.
Axial/Radial frequency ratio	1:1 approx.
Resilient element	VHDS Silicone
Metal parts	Stainless steel cup and aluminum core standard
Operating temperature	-67 to +300 deg. F -55 to +150 deg. C
Weight	5.3 oz. (148 grams)
Part Number	Load Rating Static load (lbs) (Max.)
TM64-S00	20
TM64-S01	35
TM64-S02	50
TM64-S03	80

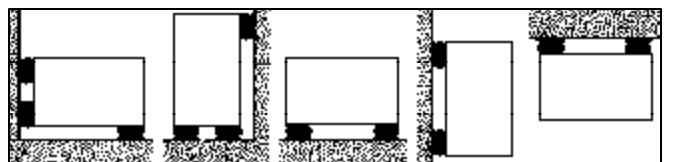


## Environment

- 1 - 67°F to + 300°F (-55°C to + 150°C) operational temperature range
- 1 - 100°F to + 300°F (-75°C to + 150°C) in storage temperature range
- 1 Meets MIL-E-5400 environmental requirements (ozone, humidity, salt spray, fungus)
- 1 Meets MIL-S-901 light weight Grade B Navy high-impact shock test requirements and MIL-STD-167
- 1 Sine vibration maximum input at resonance of .06 in. D.A.

## Installation

- 1 No special tools required
- 1 Tie-down hole pattern in base for standard hardware



## Applications

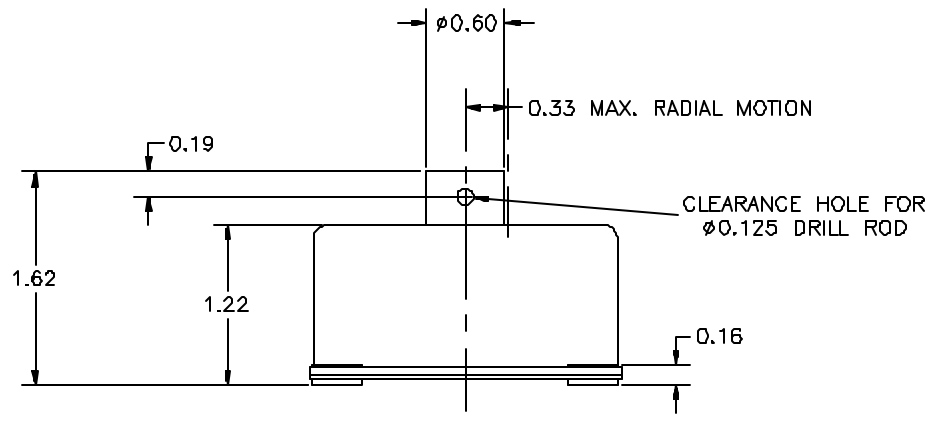
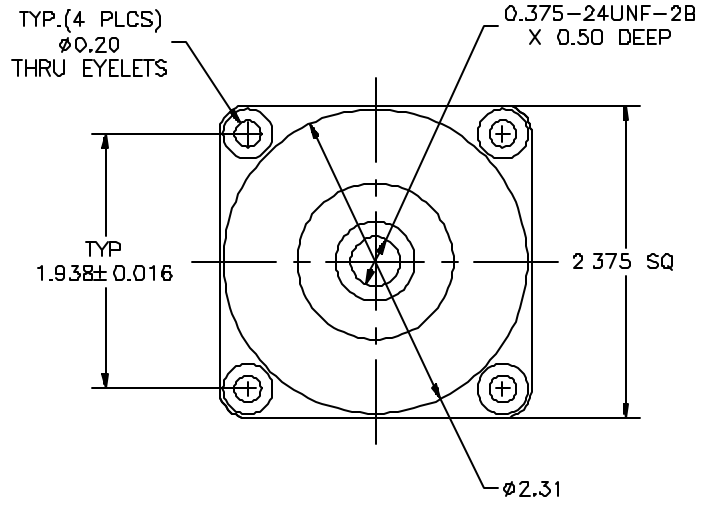
- 1 Shipboard electronics
- 1 Navigation and communication electronics
- 1 Light weight electro-mechanical devices
- 1 Avionics, counter-measure systems
- 1 Electronic gear on board vehicle

## Characteristics

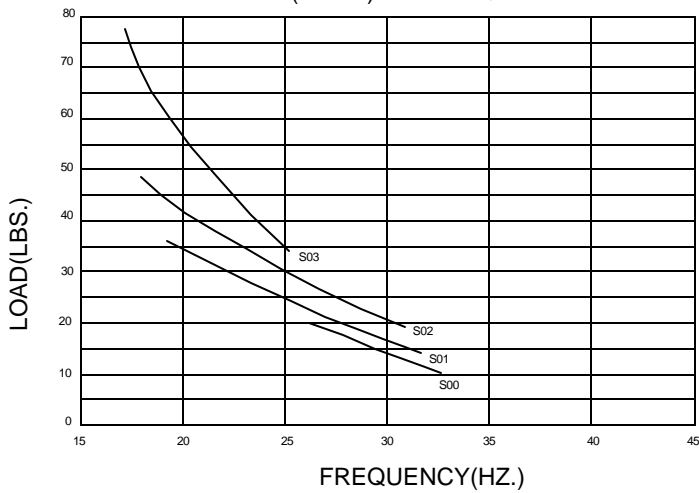
- 1 All-Attitude
- 1 Axial-to-radial stiffness ratio of approx. 1:1
- 1 Lightweight and failsafe cup construction
- 1 Capable of attenuating while supporting loads up to 5g's.
- 1 Meets crash safety requirements of MIL-E-5400 (30g-11 millisecond ½ sine pulse shock)

## How to order

- 1 Standard mount: see table
- 1 The core of the TM64 isolator comes standard with a clearance hole for a .125 dia drill rod. Wrench flats are optional (same part number with a suffix X). [example: TM64-S01X]
- 1 Non-standard materials and finishes available
- 1 For non standard items, contact Shock-Tech.



LOAD (AXIAL) VS. FREQUENCY



LOAD (AXIAL) VS. DEFLECTION

