



TORSIONAL VIBRATION

RD 086

Description:

Torsional vibration systems are abundant in the industry. In these systems, frequency ranges will be usually increased, due to shortness of damping loads in resonance frequencies, which may cause major damages in machinery. Therefore investigating and observing the effective parameters are important in these systems. This apparatus is consisted of two parts, One part is associated with damping and the other is the no-damping system.

Speciications:

- Torsion bars with different diameters
- Viscose damping
- Oil damper for damped vibrations
- Bearing blocks
- Mass disks
- Clamping chuck
- Aluminum frame
- Suitable data acquisition system
- Installation and training video included
- Instructions manual included
- 10-year warranty

Note: Direct contact with the sales department is required to confirm the last updated technical specifications and pictures.

Applications:

1. Investigating torsional vibration with/without damping
2. Determining natural frequency in torsional vibration system with/without damping
3. Observing effect of torsional stiffness on the value and the mode of torsional vibration

Required For Operation:

- 220V Single Phase Electricity
- Desirable Temperature (°C): 10-30
- Relative Humidity: 15% - 80%



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Dimensions (L*W*H) mm: 1200×400×1000

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