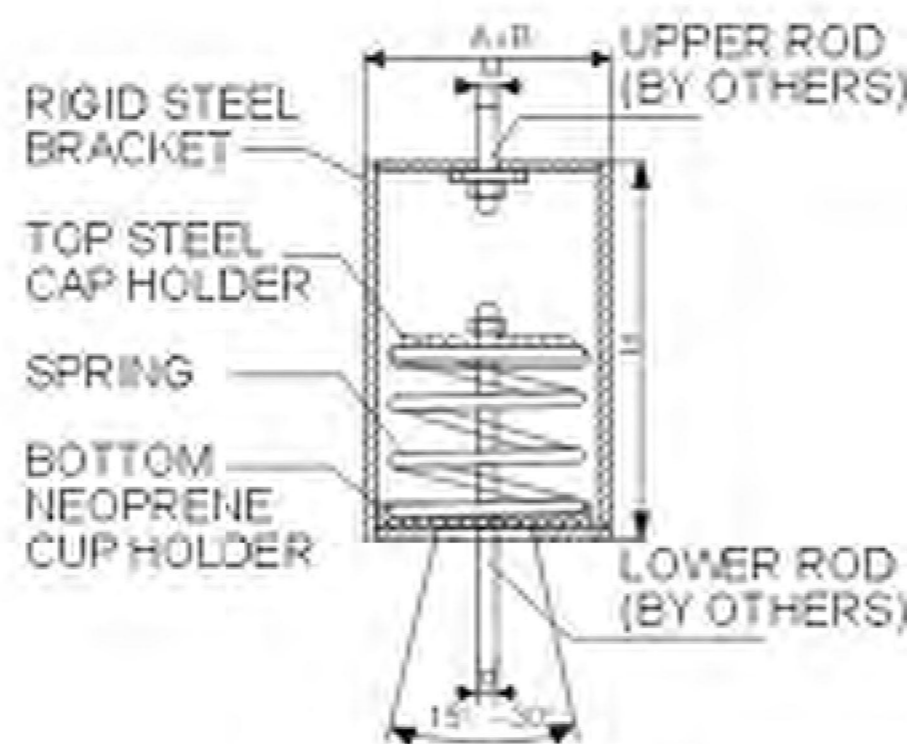
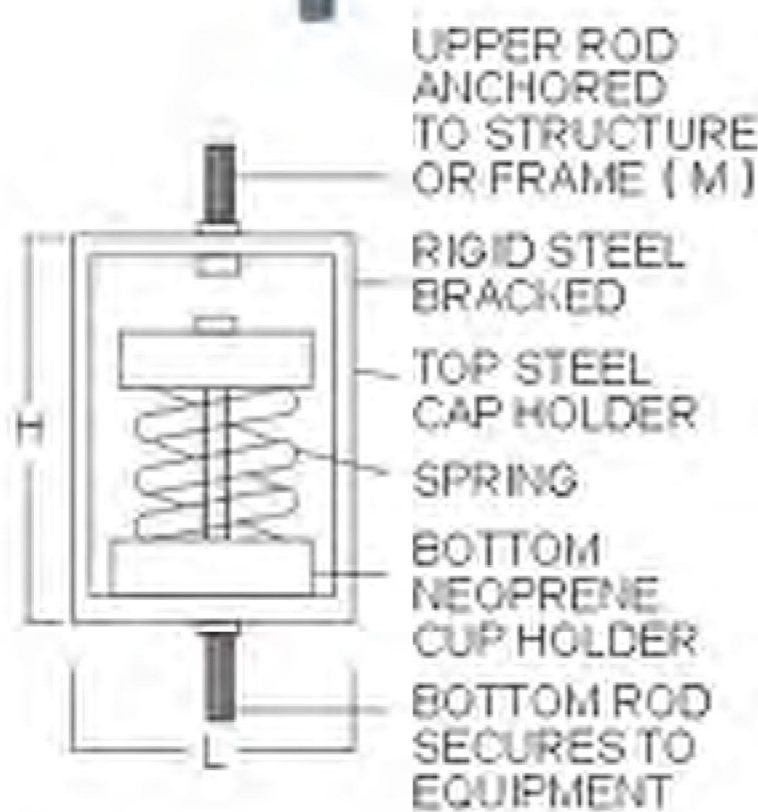


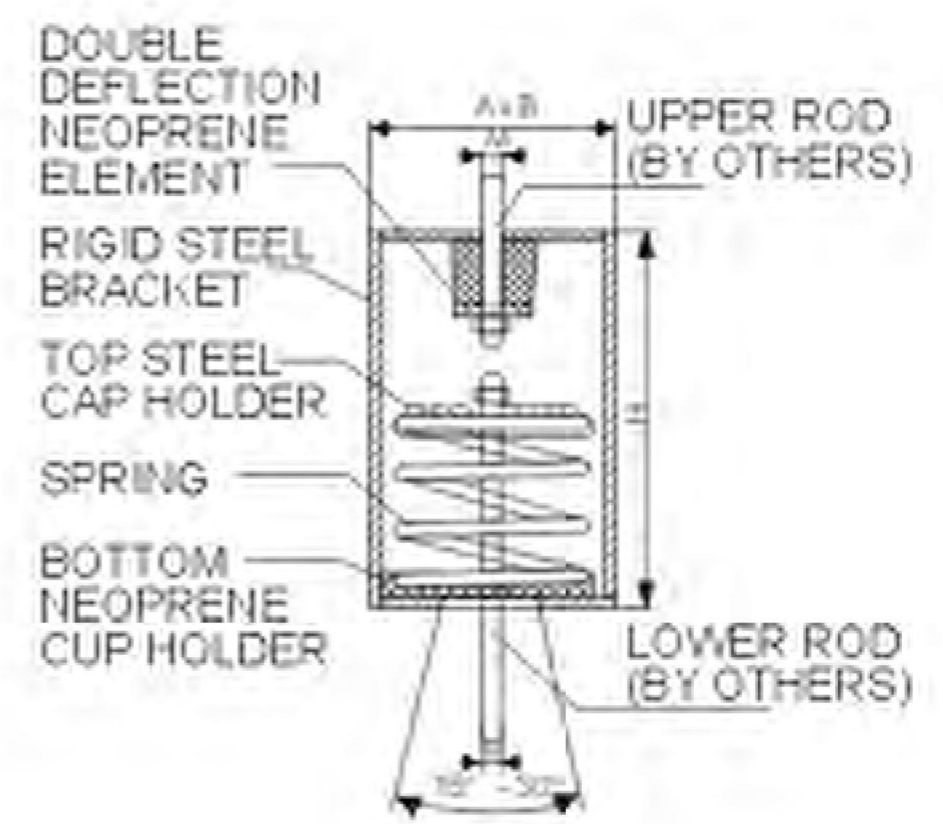
DS SPRING VIBRATION ISOLATION HANGERS

Application

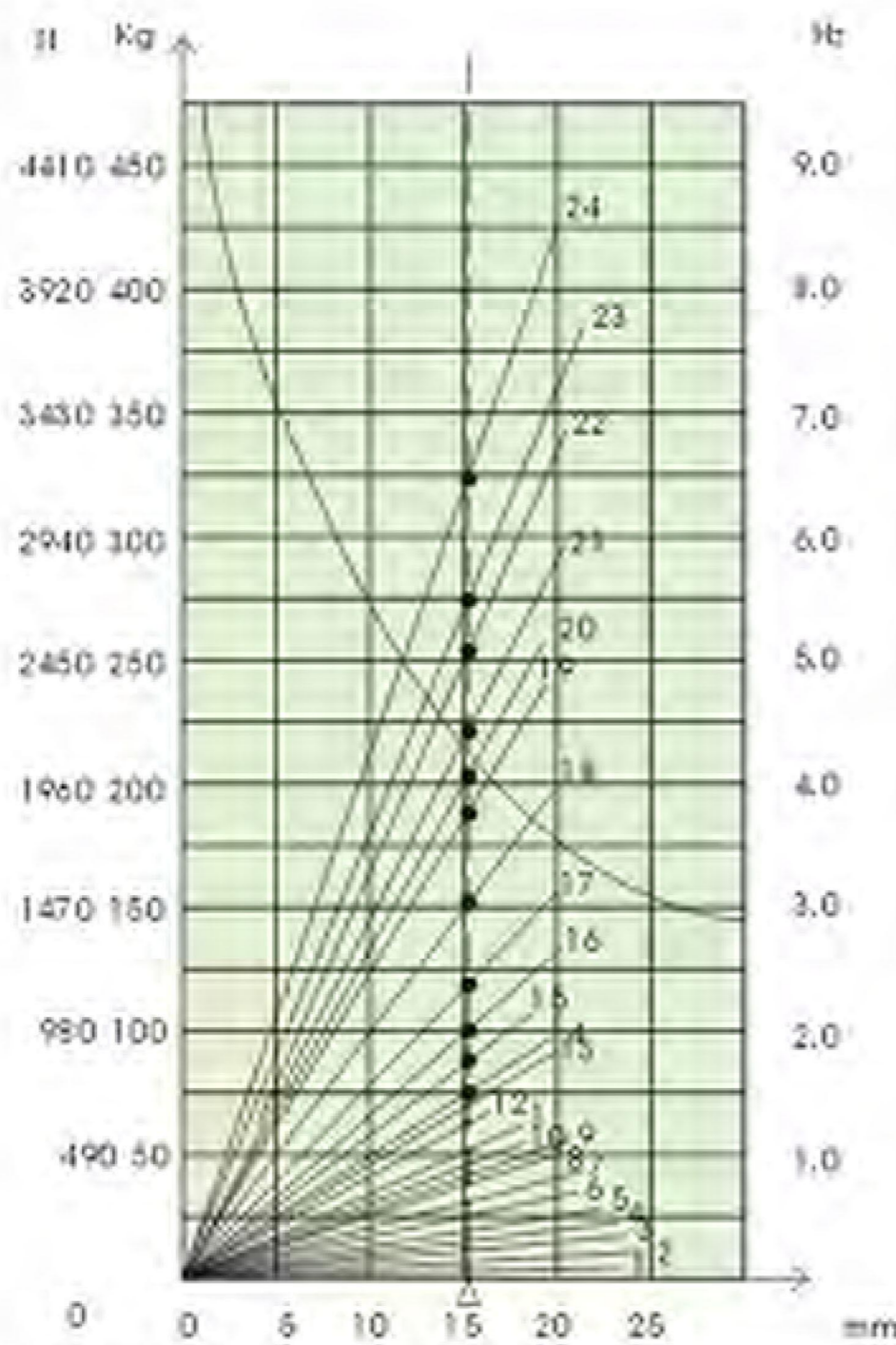
DS hangers are designed to provide high-efficiency isolation from structure-borne vibration for lighter point load applications. DS hangers are complete with molded neoprene rubber bottom caps which hold the spring in place, provide protection against short-circuiting due to rod misalignment, and isolate against high frequency vibration. Threaded rods will be furnished with hangers. DS hangers are ideal for ceiling hanged fan coil units, light-duty fans, piping, and duct work. It's recommended that the spring is adequately loaded to achieve the desired natural frequency.



II-A



II-B



KL-1-24
Performance Characteristics Chart
△ Rated (Optimal) Deflection Indicated by the Dash Line

Description
Structure

Free-standing, laterally stable steel springs in series with a molded neoprene bottom cap assembled into a stamped and welded steel hanger bracket, which are zinc plated or epoxy powder coated.

- The ratio of spring diameter to compressed height at rated load is not less than 0.8.
- Springs are epoxy powder coated, with 1000-hour salt spray rating.
- Neoprene bottom cap acts as a sound break to minimize high frequency transmission.
- Vibration isolation efficiency is over 95%.
- Lateral spring stiffness greater than 1.0 times of the rated vertical stiffness to assure stability
- Provide a minimum of 50% overload capacity. Springs are safe at solid loading.
- The hanger brackets can carry a 500% overload without failure.

Dimensions

DS	Model	Dimension (mm)			
		L	W	H	M
A Type	KL-13-KL-21	80	62	120	12
B Type	KL-22-KL-24	100	76	150	16
C Type	KL-1-KL-13	50	48	100	10
D Type	KL-1-KL-16	60	48	120	10
E Type	KL-1-KL-12	50	48	100	10