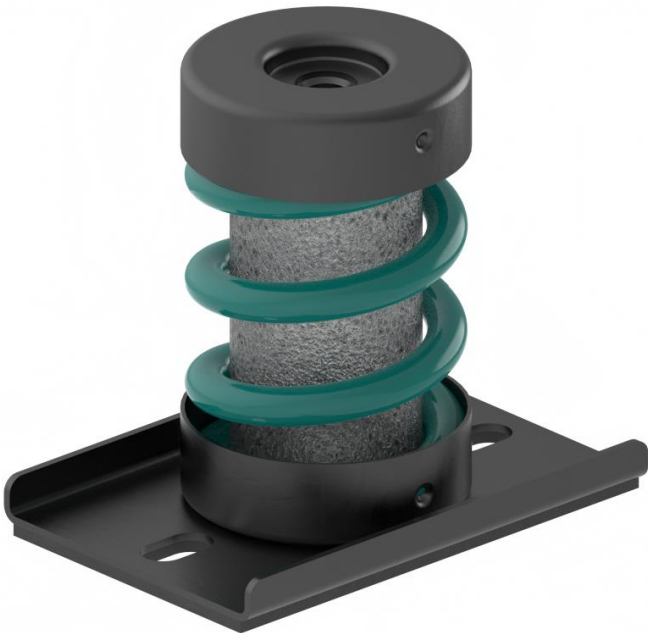


VibraTek MS-1X Spring Mount

High performance spring isolator for medium to heavy equipment

VibraTek MS-1X

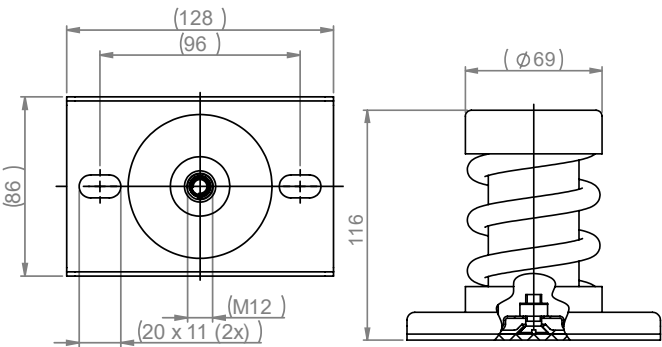
Features and benefits



- Recommended for equipment with low working speeds of 600 RPM or above
- Flexible internal filler prevents debris and solid elements entering and damaging the spring under load
- Ribs in the metal base provide increased stiffness
- Slot holes facilitate positioning and anchoring to the base material
- Epoxy powder-coated base, caps and springs provide resistance to corrosion

Technical Drawing

Applications



- Compressors, fans, pumps, other building service machinery

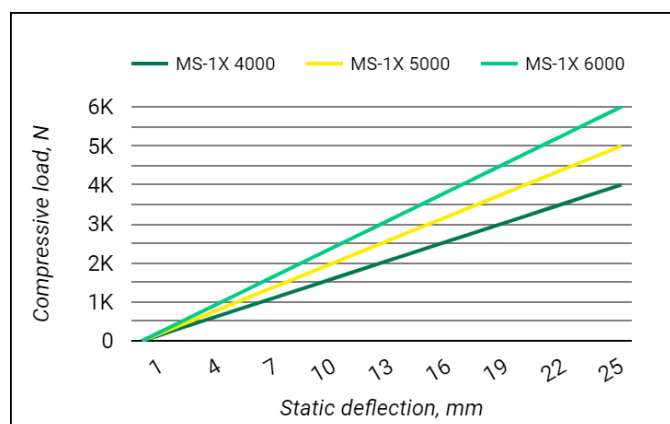
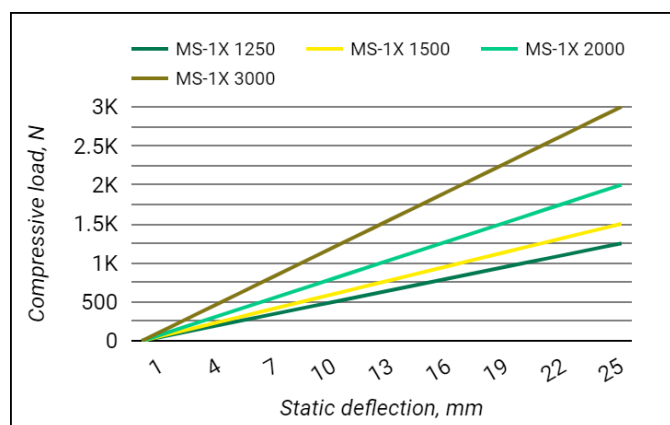
1. Product and packaging details

Article	Description	Dimension	Piece		Pack 1	
			[pcs]	EAN13	[pcs]	EAN13
2800401250	MS-1X Spring Mount	1250/M12	1	8719942045520	20	8719942045537
2800401500	MS-1X Spring Mount	1500/M12	1	8719942045551	20	8719942045568
2800402000	MS-1X Spring Mount	2000/M12	1	8719942045582	20	8719942045599
2800403000	MS-1X Spring Mount	3000/M12	1	8719942045612	20	8719942045629
2800404000	MS-1X Spring Mount	4000/M12	1	8719942045643	20	8719942045650
2800405000	MS-1X Spring Mount	5000/M12	1	8719942045674	20	8719942045681
2800406000	MS-1X Spring Mount	6000/M12	1	8719942045704	20	8719942045711

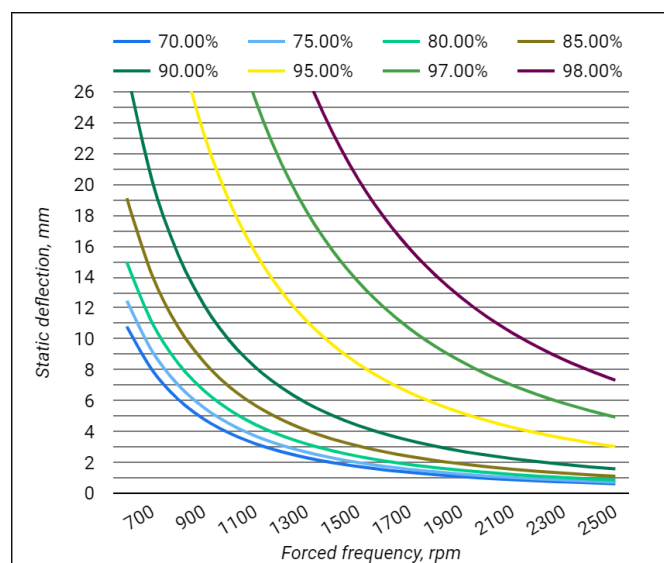
2. Performance data

Article	Description	Dimension	Max. Deflection	Min. load	Max. load	Min. optimal load	Max. optimal load
			[mm]	[N]	[N]	[N]	[N]
2800401250	MS-1X Spring Mount	1250/M12	25mm	130	1250	250	1150
2800401500	MS-1X Spring Mount	1500/M12	25mm	150	1500	300	1380
2800402000	MS-1X Spring Mount	2000/M12	25mm	200	2000	400	1840
2800403000	MS-1X Spring Mount	3000/M12	25mm	300	3000	600	2760
2800404000	MS-1X Spring Mount	4000/M12	25mm	400	4000	800	3680
2800405000	MS-1X Spring Mount	5000/M12	25mm	500	5000	1000	4600
2800406000	MS-1X Spring Mount	6000/M12	25mm	600	6000	1200	5520

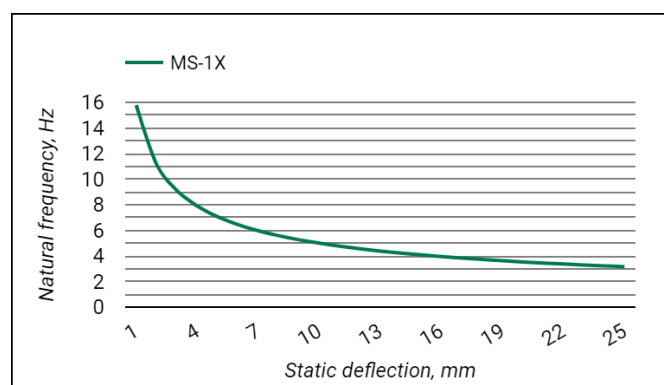
2.1 Static deflection



2.2 Isolation efficiency



2.3 Natural frequency



3. Dynamic properties

Description	Value
Damping factor	0.005
Average ratio $K_x / K_z = K_y / K_z$	≈ 0.7
Maximum transient overload % on maximum load	50 %
Working temperature	-90° C to +150 °C