

Walraven VibraTek® MS-4 Spring Mount

High performance spring isolator for medium to heavy equipment

Walraven VibraTek® MS-4

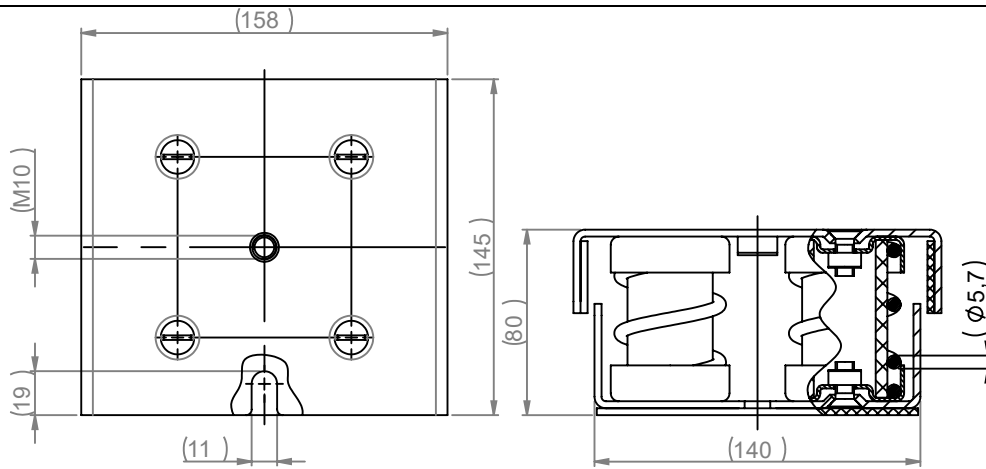
Features and benefits



- 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

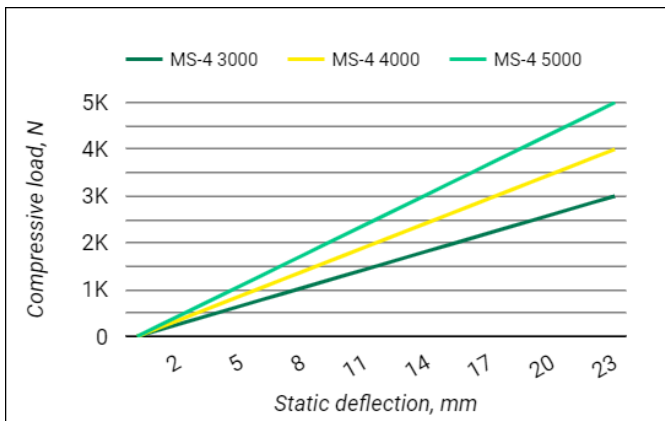
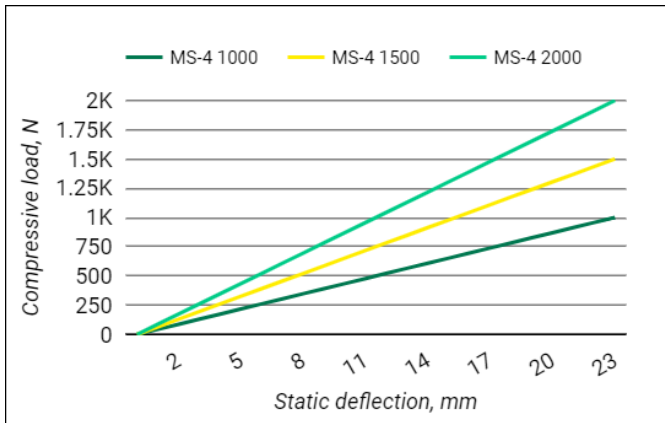
1. Product and packaging details

Article	Description	Dimension	Piece		Pack 1	
			[pcs]	EAN13	[pcs]	EAN13
2800501000	MS-4 Spring Mount	1000/M10	1	8719942045742	5	8719942045742
2800501500	MS-4 Spring Mount	1500/M10	1	8719942045773	5	8719942045773
2800502000	MS-4 Spring Mount	2000/M10	1	8719942045803	5	8719942045803
2800503000	MS-4 Spring Mount	3000/M10	1	8719942045834	5	8719942045834
2800504000	MS-4 Spring Mount	4000/M10	1	8719942045865	5	8719942045865
2800505000	MS-4 Spring Mount	5000/M10	1	8719942045896	5	8719942045896

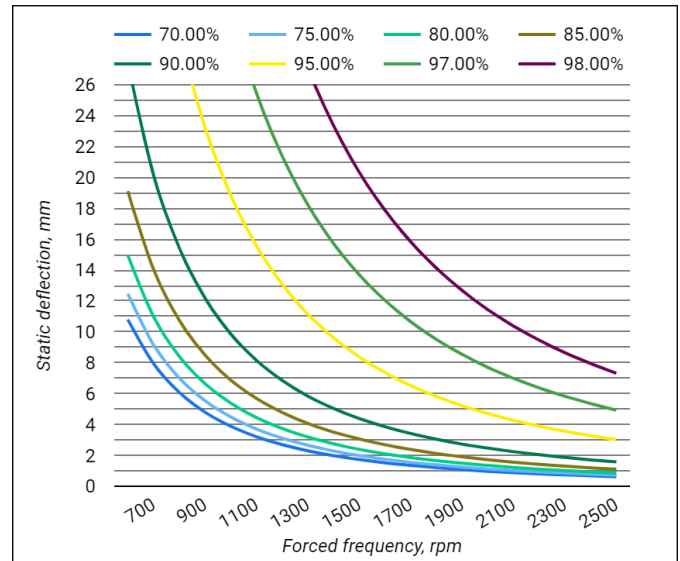
2. Performance data

Article	Description	Dimension	Max. Deflection	Min. load	Max. load	Min. optimal load	Max. optimal load
			[mm]	[N]	[N]	[N]	[N]
2802003000	MS-2X Spring Mount	3000/M12	23mm	100	1000	200	900
2802004000	MS-2X Spring Mount	4000/M12	23mm	130	1500	260	1350
2802006000	MS-2X Spring Mount	6000/M12	23mm	200	2000	400	1800
2802008000	MS-2X Spring Mount	8000/M12	23mm	300	3000	700	2700
2802010000	MS-2X Spring Mount	10000/M12	23mm	400	4000	800	3600
2802012000	MS-2X Spring Mount	12000/M12	23mm	500	5000	1000	4500

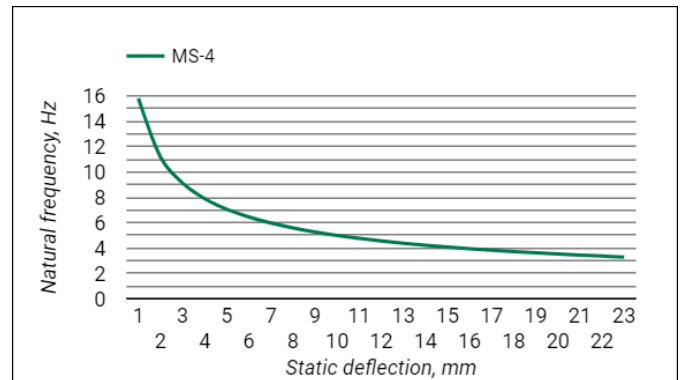
2.1 Static deflection



2.2 Isolation efficiency



2.3 Natural frequency



3. Dynamic properties

Description	Value
Damping factor	0.005
Average ratio $K_x / K_z = K_y / K_z$	≈ 2
Maximum transient overload % on maximum load	50 %
Working temperature	-90° C to +150 °C