

W1000 Series



APPLICATIONS

Industrial and Marine anti-vibration isolation.

DESCRIPTION

The mounting consists of a compression spring fitted with aluminium end caps. Resilient knitted mesh pads are included within the spring to provide damping. Powder coated steel mounting plates are optional.

PRODUCT VARIANTS

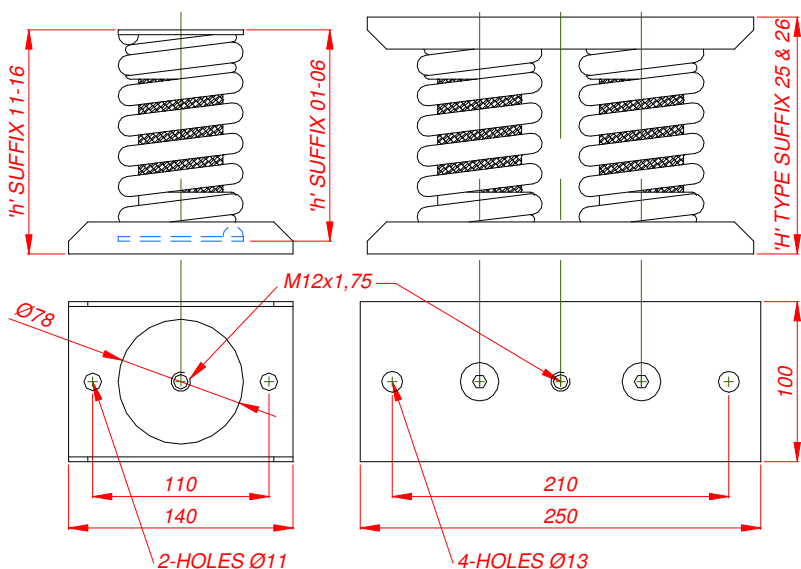
The W1000 series are available as a single spring with or without a baseplate, and are available in pairs with top and bottom plates.

Suffix 01 – 06 Spring assembly only

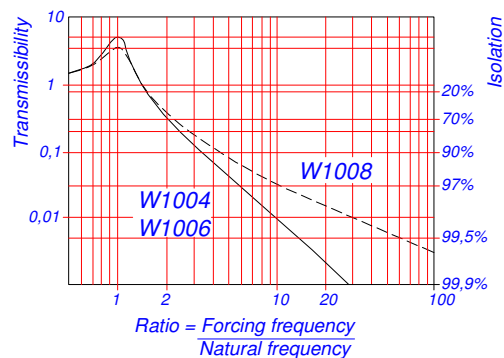
Suffix 11 – 16 Spring assembly with base plate.

Suffix 25, 26 Double spring assembly with top & bottom plates

Each sub-series have different natural frequencies, see table below.



Typical Transmissibility Performance Curve



Ordering example:

W1004-12 load range 95-130 kg
Natural Frequency 3 – 5 Hz
Single Spring with base plate

Part No.	Height 'h' Suffix 01 to 06		Height 'h' Suffix 11 to 16		Height 'H' Suffix 25 and 26		Natural Frequency Hz	Equivalent Static Deflection mm
	Free	Loaded	Free	Loaded	Free	Loaded		
W1004	140	120	144	124	148	128	3 – 5	10 – 30
W1006	90	84	94	88	100	90	5 – 7	5 – 10
W1008	90	84	94	88	100	90	7 - 9	3 – 5

Part No.	Load range, kg								
	Suffix	01, 11	02, 12	03, 13	04, 14	05, 15	06, 16	25	26
W1004		75 - 110	95 - 130	125 - 160	160 - 230	210 - 310	300 - 420	390 - 620	600 - 840
W1006		30 - 50	50 - 80	80 - 125	125 - 195	195 - 310	310 - 420	390 - 620	620 - 840
W1008		40 - 85	65 - 125	110 - 190	175 - 270	250 - 400	360 - 560	500 - 800	720 - 1120



VIBRATION SHOCK AND NOISE CONTROL

