

BE

Features

BE series vibration isolators are made of metal and rubber. The metal surface is completely covered with a thin layer of rubber to prevent corrosion. It is resistant to oil, seawater, salt spray and sunlight. It is mainly used for vibration and impact isolation of various marine, land and aviation mechanical equipment such as diesel engines, fans, water pumps, air compressors and motors.

The rated load natural frequency of the BE series vibration isolators is about 10Hz, and the vibration isolation effect is significantly improved compared with the E or EA type vibration isolators.

The appearance and connection dimensions are basically the same as the E or EA type and can be used interchangeably.

The structure is simple, easy to install and replace, safe and reliable.

The lateral stiffness is higher than the vertical stiffness, and the lateral stability is good when placed horizontally.

The high-frequency fluctuation effect is small, and it can quickly offset the self-vibration caused by instantaneous impact and instantaneous overload, etc., to keep the equipment balanced.

A variety of sizes are available, with a load range of 100-400N, and special specifications can also be customized.



Technical Data

Type	Model No.	Rated Load (N)				Dynamic Stiffness (N/cm)				Natural Frequency (Hz)
		Z Axis Positive Direction	Z Axis Negative Direction	Y Axis Direction	X Axis Direction	Z Axis Positive Direction	Z Axis Negative Direction	Y Axis Direction	X Axis Direction	
BE	10	100	70	120	50	400	440	960	370	10±1.5
	15	150	100	170	70	600	670	1450	550	
	25	250	170	300	150	1000	1100	2410	920	
	40	400	280	450	200	1610	1780	3870	1480	
	60	600	400	700	300	2420	2660	5880	2220	
	85	850	600	1000	400	3420	3770	8220	3150	
	120	1200	800	1350	600	4830	5330	12800	4450	
	160	1600	1100	1850	800	6440	7100	15700	5600	
	220	2200	1500	2400	1100	8800	9770	22680	8160	
	300	3000	2000	3300	1500	12100	13320	30930	11100	
400	4000	2800	4300	1800	16100	17760	41200	14800		

Installation Dimensions (mm)

Type	Model No.	M	L	H	L1	B	B1	n	D
BE	10	8	70	40	54	36		2	7
	15	8	70	40	54	36		2	7
	25	8	70	40	54	40		2	7
	40	10	85	46	68	55		2	9
	60	12	100	50	80	65		2	9
	85	14	120	60	100	70		2	11
	120	16	140	60	112	85		2	13
	160	18	145	62	115	90		2	13
	220	22	150	70	120	105		2	15
	300	24	155	75	125	115	60	4	15
400	27	175	80	140	120	65	4	17	

