

The Series 320 Vibration Isolation Bearing (VIB) is a passive, mechanical six-degree-of-freedom isolation bearing. It is small, efficient, and does not require air hoses or supporting hardware or software.

Vistek has a complete selection of Series 320 Bearings for a wide range of payload weight capacities, and with numerous mechanical attachment options.

### Part Number Designation


The Part Number System requires you to determine the Part Number Prefix and the Part Number Suffix.

#### Part Number Prefix

Designates the bearing weight capacity. Make your selection from the document entitled "VIB320 Weight Capacity Size selection Chart". Example: VIB320-3658.

#### Part Number Suffix

Designates the bearing base and bearing top attachment configuration. Select an option for both the top and the base even if selecting the standard bearing.

Bearing Base Adapter Plates			Bearing Top Leveler Attachments
<b>Description</b>	<b>Suffix Designation</b>		
Standard – nothing added	A		
Square Adapter	B		
Round Adapter	C		
Rectangular Adapter	D		
Damping Collar	E		
Example: (The 'xxxx' represents the Prefix)		<b>VIB320-xxxx:A01</b>	

### Horizontal Weight Capacity

Crushing capacity	Not a factor, the vertical capacity controls.
Weight that can be effectively isolated	Not a factor. The bearing's ability to isolate for the horizontal component of vibration is weight independent.

## Vertical Weight Capacity

<b>Crushing capacity</b>	Not a factor, the payload that can be effectively isolated from the vertical vibration component controls, and is far less than the crushing capacity
<b>Weight that can be effectively isolated</b>	<p>The bearing's ability to isolate a payload from the vertical component of vibration is weight dependent. Simply select the Part No. Designation Prefix from this chart that has a Payload Range that brackets the weight that each bearing will carry.</p> <p>If the payload falls within the Min and Max range of more than one Part No., select the Part No. for which the payload falls closest to the middle of the range.</p>

Call the factory for VIBs with weight capacities that exceed the maximum available from a bearing on this chart.

## Series 320 Size Selection Chart

Part No. Designation Prefix	Payload Range Lbs (Kgs)	
	Min	Max
VIB320-0812	8 (4)	10 (5)
VIB320-1318	13 (6)	18 (9)
VIB320-1630	16 (8)	30 (14)
VIB320-2240	22 (10)	40 (19)
VIB320-2947	29 (14)	47 (22)
VIB320-3658	36 (17)	58 (27)
VIB320-4484	44 (20)	84 (39)
VIB320-66105	66 (30)	105 (48)
VIB320-85130	85 (39)	130 (59)
VIB320-92150	94 (43)	150 (69)
VIB320-100160	100 (46)	160 (73)
VIB320-110180	110 (50)	180 (82)