

Series W-VE01

Vibration Eliminator

Size: DN50-DN300

Features

The Watts series W-VE01 vibration eliminators are designed to isolate pump and equipment vibrations from connecting pipework. When correctly installed they are designed to meet the demands of regular HVAC and fluid handling systems, that are compatible with the materials of construction. Some minor pipe misalignment can be tolerated, within the limits defined in the dimensional data below.

Pressure-Temperature

- Nominal Pressure: 1600 kPa
- Working Temperature: -10 °C – 90 °C

Test Pressures

- Body Test Pressure: 2400 kPa
- Seat Test Pressure: 1760 kPa

Material

Component	Material
Main Body	Natural Rubber
Flange	Carbon Steel – Zinc Coated

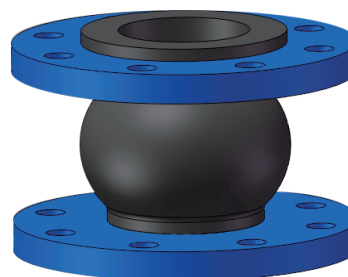
Installation Dimensions

Table E x Table E

DN	L1	AS2129 :TABLE E				Axial Displacement (mm)		Lateral Displacement (mm)	Deflection Angle
		ØD2	ØD1	n-Ød	B	Elongation	Compression		
50	95	150	114	4-φ18	10	7	10	10	15°
65	105	165	127	4-φ18	10	7	13	11	15°
80	115	185	146	4-φ18	11	8	15	12	15°
100	150	215	178	8-φ18	13	10	19	13	15°
125	165	255	210	8-φ18	14	12	19	13	15°
150	180	280	235	8-φ22	17	12	20	14	15°
200	210	335	292	8-φ22	19	16	25	22	15°
250	230	405	356	12-φ22	22	16	25	22	15°
300	245	455	406	12-φ26	25	16	25	22	15°

Table E x DIN PN16

DN	L1	AS2129 :TABLE E				DIN2533 PN16				Axial Displacement (mm)		Lateral Displacement (mm)	Deflection Angle
		ØD2	ØD1	n-Ød	B	ØD2	ØD1	n-Ød	B	Elongation	Compression		
50	95	150	114	4-φ18	10	165	125	4-φ18	20	7	10	10	15°
65	105	165	127	4-φ18	10	185	145	4-φ18	20	7	13	11	15°
80	115	185	146	4-φ18	11	200	160	8-φ18	22	8	15	12	15°
100	150	215	178	8-φ18	13	220	180	8-φ18	24	10	19	13	15°
125	165	255	210	8-φ18	14	250	210	8-φ18	26	12	19	13	15°
150	180	280	235	8-φ22	17	285	240	8-φ22	26	12	20	14	15°
200	210	335	292	8-φ22	19	340	295	12-φ22	30	16	25	22	15°
250	230	405	356	12-φ22	22	405	355	12-φ26	32	16	25	22	15°
300	245	455	406	12-φ26	25	460	410	12-φ26	32	16	25	22	15°



Specification

- Connection Type: Both Ends Table E Flanges or One End DIN PN16 x One End Table E
- Working Medium: Non corrosive liquids

