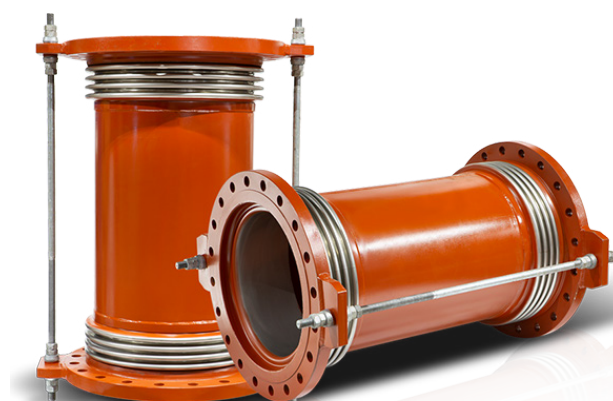


MV-660

DILATATION EXPANSION JOINT

Production Standards

Size Range	DN25 - DN300
Pressure Range	PN10 - PN16 - PN25 - PN40
Design	EN 14917 & EJMA
Connection	EN 1092-2 / ISO 7005-2 Rotating Flanged, Fixed Flanged, Welding End
Face to face	EN 14917
Marking	EN 19
Tests	EN 12266-1
Temperature	-10°C to +550 °C
Expansion Range	$\Delta L=30$ mm. Y: 25-50-75-100mm. $\Delta L=60$ mm. Y: 25-50-75-100mm.



660

Product Description

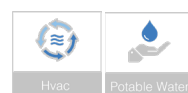
MV-660 Dilatation Expansion Joint also known as universal joints. They are made of two bellows separated by intermediate pipe. Due to the design feature, they have ability to absorb wide movements and compensate the movement in three axis in any platform and released the stress.

Application Areas

- Hot and Cold Water Systems
- Firefighting pipelines
- Dilatation
- Superheated water,
- Steam
- Pumps and compressors
- Industrial Applications
- Marine & Exhaust systems
- HVAC lines

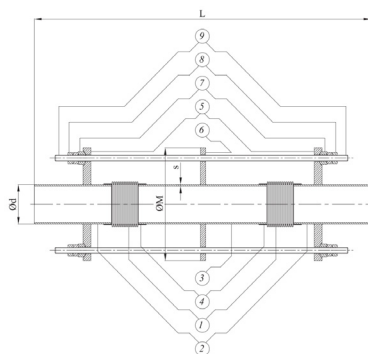
Product Features

- Absorb lateral movements in all axis
- Wide movement capacity
- Better flexibility for piping layout
- With its limit rods, the expansion range can be set in adjusted range
- Designed for high temperature usage
- Rotating flange, Fixed flange or Welding End connection type are available





Technical Data



No	Part	Material
1	Bellows	AISI 304 / AISI 316 - AISI 321 (optional)
2	Welded Neck	St37-2 / AISI 304 - AISI 316 (optional)
3	Intermediate Pipe	St37-2 / AISI 304 - AISI 316 (optional)
4	Band	AISI 304 / AISI 316 - AISI 321 (optional)
5	Rod Holder	St37-2 / AISI 304 - AISI 316 (optional)

No	Part	Material
6	Rod Holder	St37-2 / AISI 304 - AISI 316 (optional)
7	Ring	St37-2 / AISI 304 - AISI 316 (optional)
8	Nut	St37-2 / AISI 304 - AISI 316 (optional)
9	Rod	St37-2 / AISI 304 - AISI 316 (optional)

DN	x	y:±50	y:±100	y:±150	y:±200	d	s	M	Effective Area
25	30	540	640	740	840	42.4	3.2	147	17.87
32	30	540	640	740	840	42.4	3.2	147	17.87
40	30	540	640	740	840	48.3	3.2	147	23.25
50	30	610	710	810	910	60.3	3.6	161	37.02
65	60	610	710	810	910	76.1	3.6	189	57.49
80	60	660	760	860	960	88.9	4	211	78.47
100	60	660	760	860	960	114.3	4.5	242	126.98
125	60	700	900	1000	1100	139.7	5	282	185.91
150	60	700	900	1000	1100	168.3	5	327	266.34
200	60	750	950	1050	1150	219.1	6.3	419	441.34
250	60	850	1050	1150	1250	273	6.3	491	678.87
300	60	1000	1200	1300	1400	323.9	7.1	542	950.88