

MV-630

AXIAL 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 1266-1
Temperature	-10 °C, +430 °C
Expansion Range	30 mm. (-20 + 10) 60 mm. (-40+20)



630

Product Description

MV-630 Axial Expansion Joint product protects the pipeline by absorbing high stress due to outer temperature differences. They remove vibration and variation, effectively that caused by expansion and contraction of the pipeline.

Application Areas

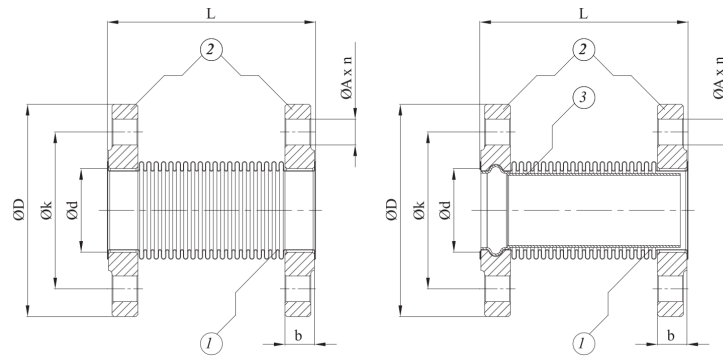
- Hot and Cold Water Systems
- Central heating
- Steam Industrial Applications
- Pump and Compressors
- Marine & Exhaust systems
- HVAC lines

Product Features

- Can absorb axial, lateral or angular movements due to thermal differences or pipe misalignment.
- Designed to reduce noise and release stress.
- Prevent system shock.
- Absorbs vibrations due to the thermal differences.
- Designed for high temperature usage.
- Easy installation due to the rotary flanges.
- It can be manufactured as rotary flanges, Welding Ends, Fixed Flanges.
- Vacuum resistance.
- Maintenance free.



Technical Data



No	Part	Material
1	Bellows	AISI 304 / AISI 316 - 321 (optional)
2	Flange	St37-2 / AISI 304 - 316 (optional)
3	Sleeve	AISI 304 / AISI 316 - AISI 321 (optional)

DN	L30	L60	D	d	k	b	n	A	Effective Area
25	110	-	115	42.4	85	16	4	14	17.87
32	110	-	140	42.4	100	18	4	18	17.87
40	120	-	150	48.3	110	18	4	18	23.25
50	120	180	165	60.3	125	20	4	18	37.02
65	120	180	185	76.1	145	20	4	18	57.49
80	120	180	200	88.9	160	20	8	18	78.47
100	120	185	220	114.3	180	22	8	18	126.98
125	125	190	250	139.7	210	22	8	18	185.91
150	130	200	285	168.3	240	24	8	22	266.34
200	150	230	340	219.1	295	26	12	22	441.34
250	165	245	405	273	355	29	12	26	678.87
300	165	245	460	323.9	410	32	12	26	950.88