



MV-600

FLEXIBLE RUBBER EXPANSION JOINT

Production Standards

Size Range	DN40 - DN1000
Pressure Range	PN10 - PN16
Design	DIN 30680
Face to face	EN 1092-1 ISO 700-1
Marking	EN 19
Tests	EN 12266-1
Corrosion Protection	Galvanised Steel Flanges
Temperature	+90 °C



Product Description

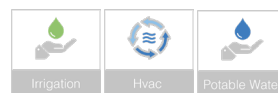
MV-600 Flexible Rubber Expansion joint is a flexible connector to absorb noise, shock, vibration, physical and thermal energy. Synthetic elastomers between two flanges are internally reinforced with fabrics and metal for strength and pressure resistance. Metal reinforcement can be used externally for movement control. They allow flexibility on the pipeline during movements.

Application Areas

- Hot and Cold Water Systems
- Cooling towers
- HVAC Applications
- Pumping Stations
- Waste water medium

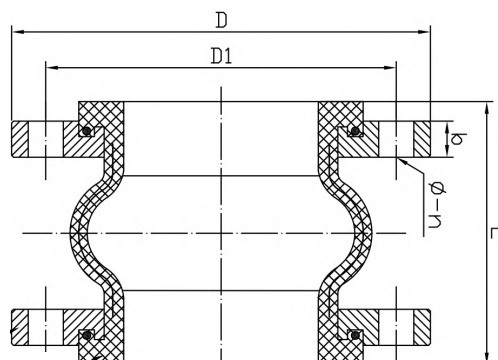
Product Features

- Can absorb greater movements as pumps, compressors and pipes move out of alignment due to the destruction of their supporting structures.
- Can manage lateral, angular, torsional movement.
- Vibration reduction due to the hydraulic surge and water hammer.
- Sound reduction because of imbalances on the pipeline.
- Synthetic elastomers achieve high performance on challenging operation conditions.
- No need for additional gasket for counter flange connections.
- The ability to flex and absorb.
- Light weight design does not create extra weight on the pipeline.
- Maintenance free.





Technical Data



No	Part	Material
1	Body	Steel Reinforced EPDM
2	Flange	Galvanised Steel
3	Sealing	EPDM or NBR

DN	D	D1	b	Φ-n	L
40	150	110	16	18-4	95
50	165	125	16	18-4	105
65	185	145	18	18-4	115
80	200	160	20	18-8	135
100	220	180	20	18-8	150
125	250	210	22	18-8	165
150	285	240	22	22-8	180
200	340	295	24	22-12	210
250	405	355	26	26-12	230
300	460	410	28	26-12	245
350	520	470	30	26-16	255
400	580	525	32	30-16	255