

Rubber expansion joint, type Rotex

Applications:

Rotex rubber expansion joint for permanent stress through hot heating water, cooling water and hot air. Approved according to DIN up to 100°C by 10 bar and up to 110°C by 6 bar. Temperature range (depending on the medium) -40°C up to +130°C, temporarily up to 150°C. Electrically dissipative. For high vacuum a vacuum support ring must be used.

Not suitable for drinking water, cooling water with oil containing additives, oily compressor air, permanent effect of steam.

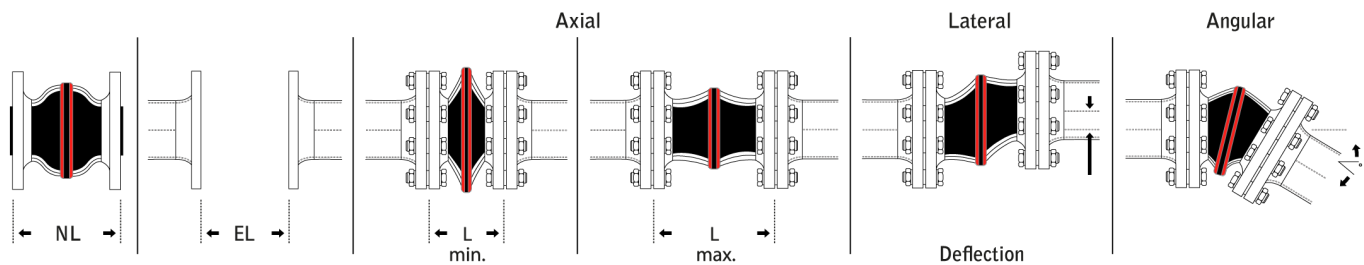


Technical description:

Liner : EPDM, hot water resistant, seamless, high abrasion resistance
 Reinforcement : Polymer textile cord, hot water and hydrolysis proof
 Cover : EPDM, ozone proof, heat resistant
 Marking : 2 red bands, ERV DN .., PN.., production date

Connections:

Swivelling, PN 10/16, carbon steel, zinc plated. Other flange standards and materials on request. For rubber expansion joints DN25, bellows DN32 are used.



NL	DN	EL	EL	L	L	Lateral	Angular	Max.	Max.
Neutral length		min.	max.	min.	max.	deflection		pressure	pressure
mm	mm	mm	mm	mm	mm	mm	°	@50°C/bar	@100°C/bar
130	25-80	120	135	100	150	± 30	±30	16	8
130	100-150	120	135	100	150	± 30	±20	16	8
130	200	115	140	105	160	± 25	±10	16	8
130	250-300	125	140	120	160	± 25	±5	16	8
150	80-200	140	160	115	180	± 30	±15	16	8
160	32-200	150	170	130	195	± 25	±15	16	8
175	200-250	165	185	160	210	± 30	±10	16	8
200	250-300	190	210	160	235	± 25	±10	10	5
200	350-600	190	210	160	235	± 25	±8	10	5
250	800	240	260	210	285	± 25	±5	10	5
260	700	250	270	220	290	± 25	±5	10	5
300	900-1000	290	310	260	340	± 30	±5	10	5

For combined movements, consult Amnitec BV.

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