

Rubber expansion joint, type ERV-R



Applications:

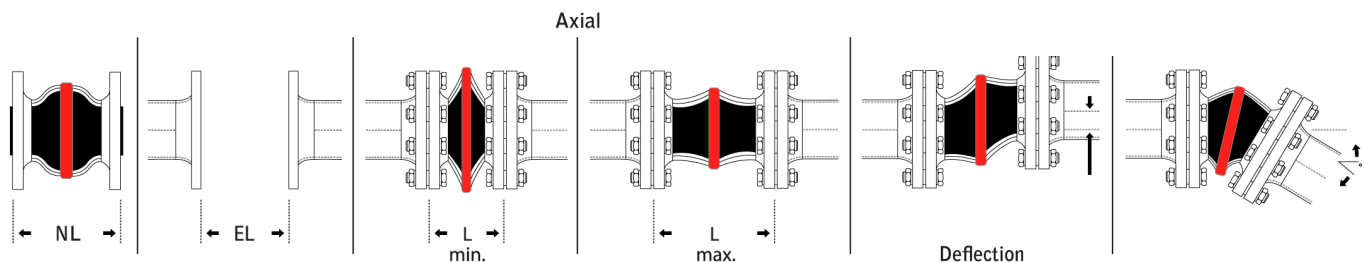
Rotring rubber expansion joints in high-tech design for water, drinking water (approval DVGW W 270 as well as ACS, conform to FDA), cold and warm waste water, seawater, cooling water, also with chemical additives for water treatment, low concentrated acids and alkalis, salt solutions, technical alcohols, esters and ketones. Temperature (depending on the medium) range -40°C up to $+100^{\circ}\text{C}$, temporarily up to 120°C . For high vacuum a vacuum support ring must be used. Electrically dissipative. Not suitable for all kinds of mineral oil products, cooling water with added oil containing corrosion preventatives, oily compressor air.

Technical description:

Liner : Butyl (IIR)/EPDM, seamless, low permeation
 Reinforcement : PA textile cord, Butyl rubberized
 Cover : EPDM, ozone proof, heat resistant
 Marking : Red band, 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	10
130	100-150	120	135	100	150	± 30	± 20	16	10
130	200	115	140	105	160	± 30	± 10	16	10
130	250-300	125	140	120	160	± 15	± 5	16	10
150	50-200	140	160	115	180	± 30	± 15	16	10
160	32-200	150	170	130	195	± 35	± 15	16	10
175	200	165	185	160	210	± 15	± 5	16	10
175	250	165	185	160	210	± 10	± 5	16	10
200	250-300	190	210	160	235	± 30	± 10	10	6
200	350-600	190	210	160	235	± 30	± 8	10	6
250	800	240	260	210	285	± 35	± 5	10	6
260	700	250	270	220	290	± 30	± 5	10	6
300	900-1000	290	310	260	340	± 40	± 5	10	6

For combined movements, consult Amnitec BV.

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