

Rubber expansion joint, type ERV-GS

Applications:

Gelbstahl rubber expansion joints for petroleum based products, DIN EN fuels up to 50% aromatic content, cooling water with oily anticorrosion additives, lubrication and hydraulic oil, seawater. Temperature range (depending on the medium) -20°C up to +90°C, temporarily up to +100°C. Fire resistant (to ISO-15540) up to 30 min. and 800°C. Electrically conductive. For high vacuum a vacuum support ring must be used.

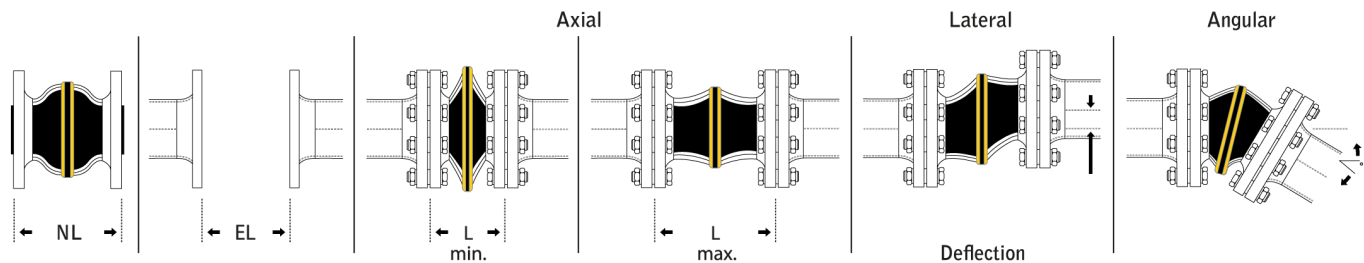


Technical description:

Liner : NBR (nitrile), seamless, abrasion resistant
 Reinforcement : Steel wire cord
 Cover : Chloroprene CR
 Marking : 2 Yellow band, ERV DN .., PN.., production date

Connections:

Swivelling, DIN 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	145	± 15	±20	16	10
130	100-150	120	135	100	145	± 15	±15	16	10
130	200-300	125	140	115	150	± 10	±5	16	10
150	80-150	140	160	115	170	± 15	±15	16	10
175	200-250	165	185	150	195	± 15	±5	16	10
200	300-350	190	210	160	230	± 25	±10	10	10
200	400-600	190	210	160	230	± 25	±5	10	6
250	450	240	260	210	280	± 30	±5	10	6

For combined movements, consult Amnitec BV.

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