



Petroleum bases products

Petroleum, Diesel, Gasoline, Fuel blend, Town and natural gas, Heating oil, Lubrication and hydraulic oil

ERV-GS DOUBLE YELLOW BAND (SPECIAL CORD)

Properties

- YELLOW STEEL 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 (depending on medium) range -20 °C up to +90 °C, temporarily up to +100 °C.
- Fire resistant up to 30 min. and 800°C.
- Electrically conductive.



Code - E2G....

Liner - NBR (nitrile), seamless, abrasion resistant

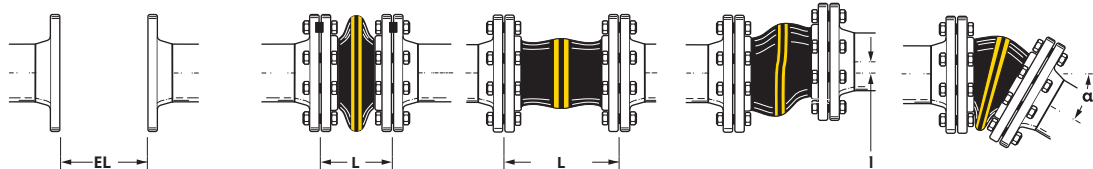
Reinforcement - Steel wire cord

Cover - Chloroprene CR

Marking - 2 yellow bands, ERV DN... , PN... , production date

Flanges - Swiveling, DINPN10/16,carbonsteel, zinc plated

ALLOWABLE STATIC RANGE OF MOVEMENT IN SERVICE WITH USAGE OF COLLAR FLANGES UP TO 50° C



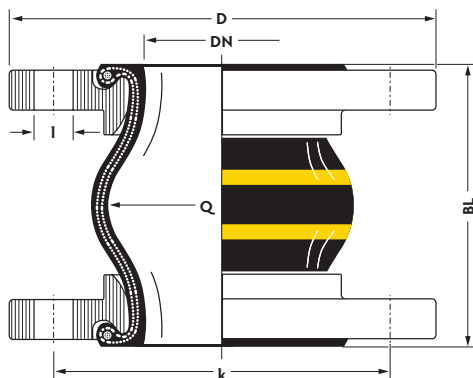
ERV-GS		EL		L		I	α°
Length	Ø BELLOW	INSTALLATION LENGHT		AXIAL		LATERAL	ANGULAR
		min	max	min	max	± mm	± α°
130	25 – 80	120	135	100	145	± 15	± 20
	100 – 150	120	135	100	145	± 15	± 15
	200 - 300	125	140	115	150	± 10	± 5
150	80 – 150	140	160	115	170	± 15	± 15
175	200 - 250	165	185	150	185	± 15	± 5
200	300 - 350	190	210	160	230	± 25	± 10
	400 – 600	190	210	160	230	± 25	± 5



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**PRESSURE/TEMPERATURE
RATING CORRECTION CHART**

working temperature		60°C	100°C	--	
allowed movements depending on temperature		100%	60%	--	
working pressure depending on tem- perature		PN 10	10 Bar	6 Bar	--
		PN 16	16 Bar	10 Bar	--
		PN 25	--	--	--

DN diameter	Q area	D k Ø l Ø			PN bellows	BL length
		mm	mm	mm		
1"	10	115	85	4 x 18	16	130
1 ¼"	15	140	100	4 x 18	16	130
1 ½"	20	150	110	4 x 18	16	130
2"	30	165	125	4 x 18	16	130
2 ½"	50	185	145	4 x 18	16	130
3"	85	200	160	8 x 18	16	130
4"	125	220	180	8 x 18	16	150
5"	185	250	210	8 x 18	16	150
6"	250	285	240	8 x 22	16	150
8"	400	340	295	8 x 22	16	175
10"	600	395	350	12 x 22	16	175
12"	800	445	400	12 x 22	16	200
14"	1000	505	460	16 x 22	16	200
16"	1375	565	515	16 x 26	16	200
20"	2185	670	620	20 x 26	10	200
24"	3080	780	725	20 x 30	10	200



ATAG reserves the right to make changes without notice, by virtue of any quality improvements and/or product specifications • ago_18 rdb