



Petroleum bases products

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

ERV-G YELLOW BAND

Properties

- Expansion joints in High-Tech design suitable for petroleum based products, fuel ethanol blend e.g. E 85 and DIN EN fuels up to 50% aromatic content, also town gas and natural gas, except for LP gas
- Temperature (depending on medium) range -20 °C up to +90 °C, temporarily up to +100 °C
- Electrically conductive



Code - E2G....

Liner - NBR (nitrile), seamless, abrasion resistant

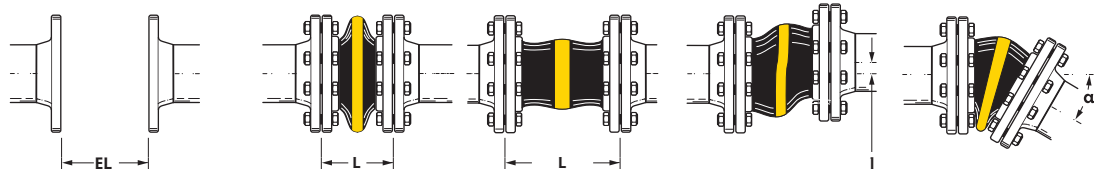
Reinforcement - PA textile cord

Cover - Chloroprene CR

Marking - Yellow band, ERV DN... , PN... , production date

Flanges - Swiveling, DIN PN 10 /16, carbon steel, zinc plated

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



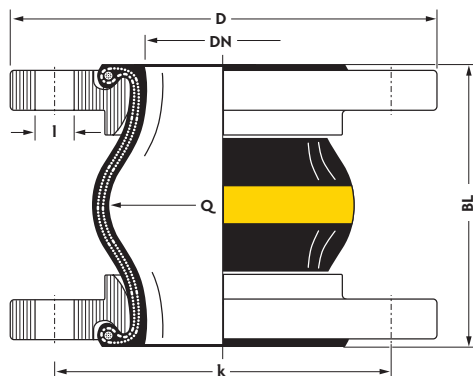
ERV-G		EL		L		I	α°
Length	Ø BELLOW	INSTALLATION LENGHT		AXIAL		LATERAL	ANGULAR
		min	max	min	max	± mm	± α°
130	25 – 80	120	135	100	150	± 30	± 30
	100 – 150	120	135	100	150	± 30	± 20
	200	115	140	105	160	± 30	± 10
	250 – 300	125	140	120	160	± 15	± 5
150	50 – 200	140	160	115	180	± 30	± 15
160	32 – 200	150	170	130	195	± 35	± 15
175	200 - 250	165	185	160	210	± 10	± 5
200	250 - 300	190	210	160	235	± 30	± 10
	350 – 600	190	210	160	235	± 30	± 8
250	800	240	260	210	285	± 35	± 5
260	700	250	270	220	290	± 30	± 5
300	900 - 1000	290	310	260	340	± 40	± 5



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**PRESSURE/TEMPERATURE
RATING CORRECTION CHART**

working temperature	50°C	70°C	100°C
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allowed movements depending on temperature	100%	80%	60%
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working pressure depending on temperature	PN 10	10 Bar	8 Bar	6 Bar
	PN 16	16 Bar	12 Bar	10 Bar
	PN 25	--	--	--



DN diameter		Q area	D		k Ø flanges	l Ø	PN bellows	BL length
inches	mm	cm²	mm	mm	mm	mm	bar	mm
1"	25	15	115	85	4 x 14		16	130
1 ¼"	32	15	140	100	4 x 18		16	130
								160
1 ½"	40	20	150	110	4 x 18		16	130
								160
2"	50	30	165	125	4 x 18		16	130
								150
								160
2 ½"	65	50	185	145	4 x 18		16	130
								150
								160
3"	80	85	200	160	8 x 18		16	130
								150
								160
4"	100	125	220	180	8 x 18		16	130
								150
								160
5"	125	185	250	210	8 x 18		16	130
								150
								160
6"	150	250	285	240	8 x 22		16	130
								150
								160
8"	200	400	340	295	8 x 22		16	130
								150
								160
10"	250	600	395	350	12 x 22		16	130
								175
							10	130
								175
12"	300	800	445	400	12 x 22		16	130
								200
							10	130
								200
14"	350	1000	505	460	16 x 22		16	200
16"	400	1375	565	515	16 x 26		16	200
20"	500	2185	670	620	16 x 26		10	200
24"	600	3080	780	725	20 x 30		10	200
28"	700	4800	895	840	24 x 30		10	260
32"	800	5440	1015	950	24 x 33		10	250
36"	900	7100	1115	1050	28 x 33		10	300
40"	1000	8700	1230	1160	28 x 36		10	300

ATAG reserves the right to make changes without notice, by virtue of any quality improvements and/or product specifications • apr_18 rdb