



Petroleum bases products

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

ERV-G LT YELLOW BAND LT

Properties

- Expansion joints designed for low temperature applications for petroleum based products, diesel, heating oil up to +90 °C, aviation fuel JET A1, kerosene, petroleum up to 60 °C and gasoline up to 40 °C
- Temperature (depending on medium) range -40 °C up to +90 °C, temporarily up to +100 °C
- Electrically conductiv



Code - E2G....

Liner - NBR (nitrile), seamless, high abrasion resistance

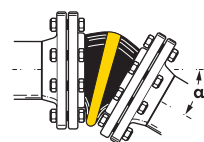
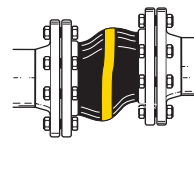
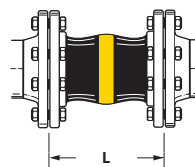
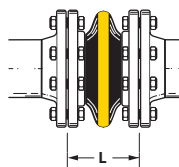
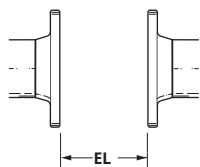
Reinforcement - PA textile cord

Cover - Chloroprene CR

Marking - Yellow band with white "LT" print, ERV DN... ,
PN 16, 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



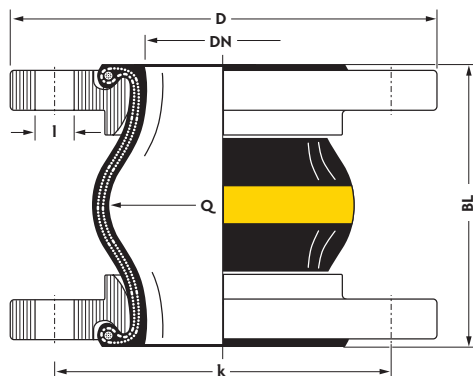
ERV-G		EL		L		I	α°
Length	Ø BELLOW	INSTALLATION LENGHT		AXIAL		LATERAL	ANGULAR
		min	max	min	max	± mm	± α°
130	25 – 80	120	135	100	150	± 30	± 30
	100 – 150	120	135	100	150	± 30	± 20
	200	115	140	105	160	± 30	± 10
	250 – 300	125	140	120	160	± 15	± 5



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**PRESSURE/TEMPERATURE
RATING CORRECTION CHART**

working temperature

50°C 70°C 100°C

allowed movements
depending on temperature

100% 80% 60%

working pressure
depending on tem-
perature

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 bellow	BL length
inches	mm	cm²	mm	mm	mm	bar	mm
1"	25	15	115	85	4 x 14	16	130
1¼"	32	15	140	100	4 x 18		
1½"	40	20	150	110			
2"	50	30	165	125			
2½"	65	50	185	145			
3"	80	85	200	160	8 x 18		
4"	100	125	220	180			
5"	125	185	250	210	8 x 22		
6"	150	250	285	240			
8"	200	400	340	295	12 x 22		
10"	250	600	395	350			
12"	300	800	445	400			

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