



Petroleum bases products

Petroleum, Diesel, Gasoline, Fuel blend, Aviation fuel, Heating oil, Lubrication and hydraulic oil

ERV-GS HNBR DOUBLE YELLOW BAND HNBR (SPECIAL CORD)

Properties

- Expansion joints for Liquid Petroleum Gas (LPG) according to EN 589
- For tank trucks and refuelling stations
- Temperature range (depending on medium) -20°C up to +90°C, temporarily up to 100°C
- Electrically conductive



Code - E2G....

Liner - NBR (nitrile), seamless

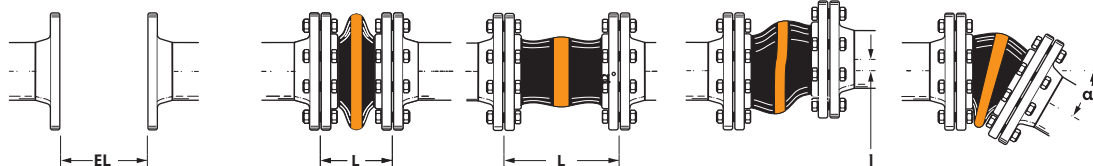
Reinforcement - PA textile cord

Cover - Chloroprene CR, pricked

Marking - Orange band, ERV DN... , PN 25, production date

Flanges - Swiveling, DIN 2635/PN 40 carbon steel, zinc plated

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



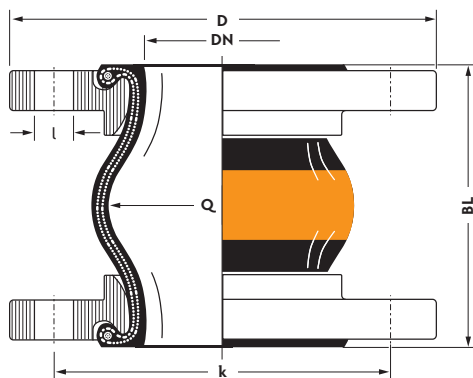
ERV-R		EL		L		I		α°	
Length	Ø BELLOW	INSTALLATION LENGHT		AXIAL		LATERAL		ANGULAR	
		min	max	min	max	± mm		±α°	
130	25 - 100	120	135	100	160	± 30		± 30	



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DN diameter		Q area	D k Ø l Ø flanges			PN bellow	BL length
inches	mm	cm²	mm	mm	mm	bar	mm
1"	25	15	115	85	4 x 14	25	130
1¼"	32	15	140	100	4 x 18		
1½"	40	20	150	110			
2"	50	30	165	125			
2½"	65	50	185	145	8 x 18		
3"	80	85	200	160			
4"	100	125	235	190	8 x 22		

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 temperature	PN 10	--	--	--
	PN 16	--	--	--
	PN 25	25 Bar	20 Bar	15 Bar



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