



Foodstuff

Foodstuffs containing oil and fat

ERV-W WHITE BAND

Properties

- Expansion joints for foodstuffs, also oil and fat containing food
- Liner conforms to German foodstuff regulations. Not approved for drinking water
- Temperature range (depending on medium) -20°C up to +90°C, temporarily up to 100°C
- Electrically non-conductive



Code - E2G....

Liner - NBR bright coloured, seamless, abrasion resistant

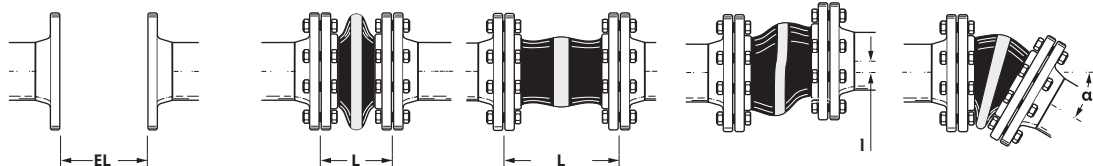
Reinforcement - PA textile cord

Cover - Chloroprene (CR)

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

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

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



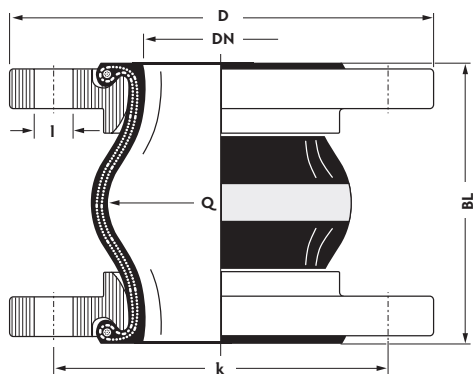
ERV-R		EL		L		I	α°
Length	Ø BELLOW	INSTALLATION LENGHT		AXIAL		LATERAL	ANGULAR
		min	max	min	max	± mm	± α°
130	25 – 80	120	135	100	150	± 30	± 30
	100 – 150	120	135	100	150	± 30	± 20
	200	115	140	105	160	± 30	± 10
	250 – 300	125	140	120	160	± 15	± 5
200	350 – 600	190	210	160	235	± 30	± 8



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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	cm ²	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			
10"	250	600	395	350	12 x 22		
12"	300	800	445	400	12 x 22		
14"	350	1000	505	460	16 x 22		
16"	400	1375	565	515	16 x 26	10	200
20"	500	2185	670	620	20 x 26		
24"	600	3080	780	725	20 x 30		

ATAG reserves the right to make changes without notice, by virtue of any quality improvements and/or product specifications • ago_18_rdb