



Abrasive products

Sludges, Slurries, Solid/Liquid mixtures and emulsions, Dustlike or Powdery product

ERV-BR

Properties

- Special type for abrasive media such as sludges, slurries, solid/liquid mixtures and emulsions, dustlike or powdery products (e.g. carbon-blacks)
- Also suitable for all kinds of water (non oil containing) as well as various chemicals. Not suitable for petroleum based products
- For extreme strain (e.g. sharp and rough-edged matter) we suggest the use of ERV with inner protection sleeve type SR
- Not suitable for mineral oil products of all kinds
- Temperature (depending on medium) -50°C up to +70°C, temporarily up to +90°C
- Electrically dissipative



Code - E2G....

Liner - BR/NR, seamless, high abrasion resistant

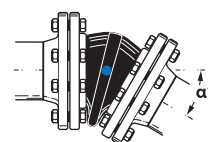
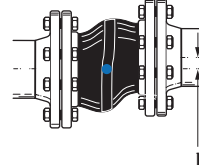
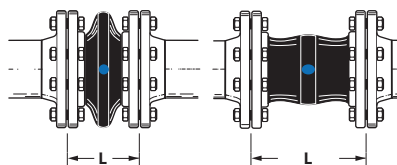
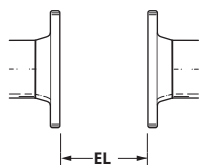
Reinforcement - Polyester textile cord

Cover - BR/NR

Marking - Blue spot, 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



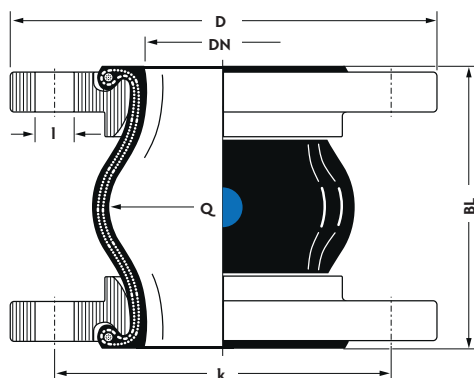
ERV-R		EL		L		I	α°
Length	Ø BELLOW	INSTALLATION LENGHT		AXIAL		LATERAL	ANGULAR
		min	max	min	max	± mm	± α°
130	25 – 80	120	135	100	150	± 30	± 30
	100 – 150	100	135	100	150	± 30	± 20



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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	8 x 18		
3"	80	85	200	160			
4"	100	125	220	180			
5"	125	185	250	210			
6"	150	250	285	240	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 tem- perature	PN 10	10 Bar	8 Bar	6 Bar
	PN 16	--	--	--
	PN 25	--	--	--



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