



Water/Waste water

Drinking water, Hot water for heating systems, Swimming pool water, Sea water

ERP RED SPOT

Properties

- Expansion joints for sanitary installations, highly flexible, for cold and warm water, pool water, sea water, drinking water.
- Temperature range (depending on medium) -40 °C up to +90 °C, temporarily up to +120 °C
- Electrically dissipative
- **Not suitable** for all kinds of mineral oil products, cooling water with added oil containing corrosion preventatives, oily compressor air, for permanent working pressure > 10 bar



Code - E2G....

Liner - Butyl (IIR) / EPDM, seamless

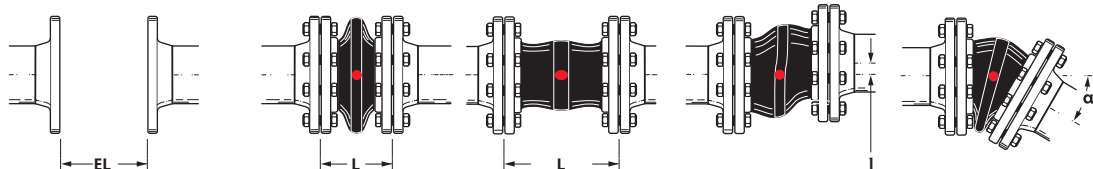
Reinforcement - PA textile cord

Cover - EPDM

Marking - Red spot, ERV DN... , PN 10, production date

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

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



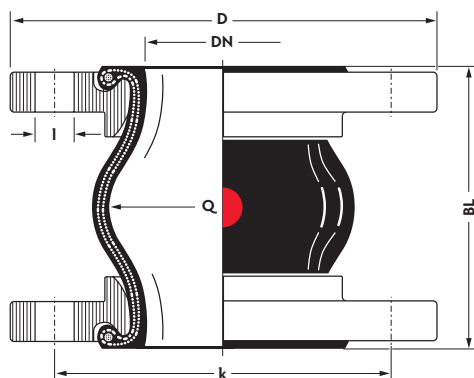
ERP		EL		L		I	α°
Length	Ø BELLOW	INSTALLATION LENGHT		AXIAL		LATERAL	ANGULAR
130	25 – 80	min	max	min	max	± mm	± α°
	100 – 150	120	135	100	150	± 30	± 30
		100	135	100	150	± 30	± 20



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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	--	--	--
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	10	130
1¼"	32	15	140	100	4 x 18		
1½"	40	20	150	110	4 x 18		
2"	50	30	165	125	4 x 18		
2½"	65	50	185	145	4 x 18		
3"	80	85	200	160	8 x 18		
4"	100	125	220	180	8 x 18		
5"	125	185	250	210	8 x 18		
6"	150	250	285	240	8 x 22		



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