



Water/Waste water

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

ERV-CR

Properties

- Expansion Joints for cold and warm water, swimming pool water, sea water, waste water (weakly sour or alkaline) also oil containing, cooling water with protective oils against corrosion, lubricating oil, grease and air, compressed air
- Temperature (depending on medium) -25 °C up to +90 °C, temporarily up to +100 °C
- Electrically non-conductive
- **Not suitable** for drinking water, acids, alkalis, chemicals, heating oil, diesel, gasoline and jet fuel, petroleum, solvents, other hydrocarbons and hot compressed air



Code - E2G....

Liner - Chloroprene CR, seamless, abrasion resistant

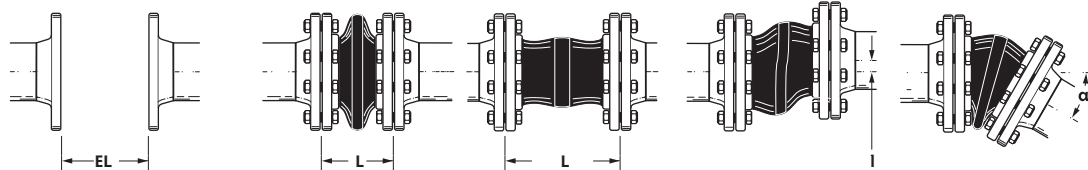
Reinforcement - PA textile cord

Cover - Chloroprene CR

Marking - White imprint "CR", ERV DN... , PN... , 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



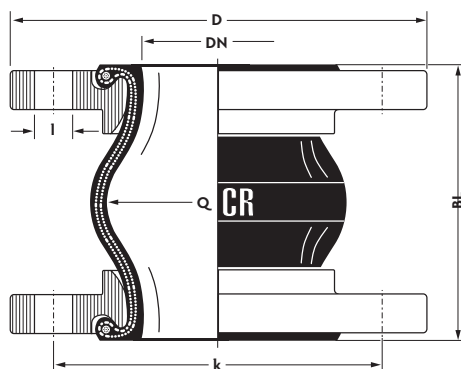
ERV-CR		EL		L		I	α°
Length	Ø BELLOW	INSTALLATION LENGHT		AXIAL		LATERAL	ANGULAR
		min	max	min	max	± mm	± α°
130	25 – 80	120	135	100	150	± 30	± 30
	100 – 150	120	135	100	150	± 30	± 20
	200	115	140	105	160	± 30	± 10
	250 – 300	125	140	120	160	± 15	± 5
200	350 – 600	190	210	160	235	± 30	± 8
250	800	240	260	210	285	± 35	± 5
260	700	250	270	220	290	± 30	± 5
300	900 - 1000	290	310	260	340	± 40	± 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 temperature			
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	15	130
1¼"	32	15	140	100	4 x 18	15	
1½"	40	20	150	110	4 x 18	20	
2"	50	30	165	125	4 x 18	30	
2½"	65	50	185	145	4 x 18	50	
3"	80	85	200	160	8 x 18	85	
4"	100	125	220	180	8 x 18	125	
5"	125	185	250	210	8 x 18	185	
6"	150	250	285	240	8 x 22	250	
8"	200	400	340	295	8 x 22	400	
10"	250	600	395	350	12 x 22	600	200
12"	300	800	445	400	12 x 22	800	
14"	350	1000	505	460	16 x 22	1000	
16"	400	1375	565	515	16 x 26	1375	
20"	500	2185	670	620	20 x 26	2185	
24"	600	3080	780	725	20 x 30	3080	
28"	700	4800	895	840	24 x 30	4800	
32"	800	5440	1015	950	24 x 33	5440	
36"	900	7100	1115	1050	28 x 33	7100	
40"	1000	8700	1230	1160	28 x 36	8700	



ATAG reserves the right to make changes without notice, by virtue of any quality improvements and/or product specifications • apr_18 rdb