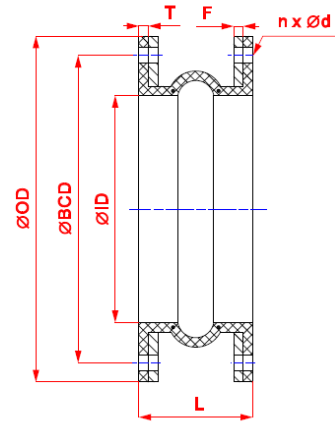
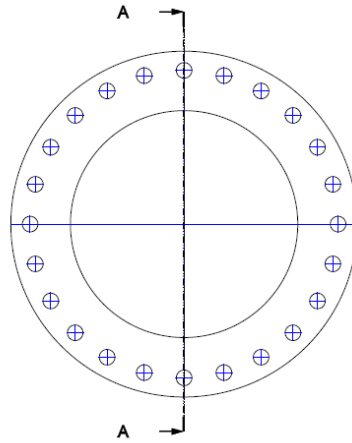


# Rubber Expansion Joints



## RC S1

DN / ID		length [mm]	flange connections				T [mm]	F [mm]	movements			Max. pressure [kgf/cm <sup>2</sup> ]
[inch]	[mm]		ØD [mm]	ØLK [mm]	n	Ød [mm]			axial [mm]		lateral [mm]	
								comp. -	ext. +	±	±	
2	50	150-300					10	40	15	30	6	10
2 ½	65	150-300					10	40	15	30	6	10
3	80	150-300					10	40	15	30	6	10
4	100	150-330					10	40	15	30	6	10
5	125	150-330					10	40	15	30	6	10
6	150	160-350					10	40	15	30	6	10
7	175	160-350					10	40	15	30	6	10
8	200	170-450					10	40	15	30	6	10
10	250	200-450					10	40	15	30	6	10
12	300	200-450					15	40	15	30	6	10
14	350	200-450					15	40	15	30	6	10
16	400	200-450					15	40	15	30	6	10
18	450	210-450					15	40	15	30	6	10
20	500	210-450					15	40	15	30	6	10
22	550	250-450					15	40	15	30	6	10
24	600	250-600					15	40	15	30	6	10
26	650	250-600					15	40	15	30	6	10
28	700	250-600					15	40	15	30	6	10
30	750	250-600					15	40	15	30	6	10
32	800	250-600					15	40	15	30	6	10
34	850	250-600					15	40	15	30	6	8
36	900	250-600					15	40	15	30	6	8
40	1000	300-600					20	40	15	30	6	8
42	1050	300-600					20	40	15	30	6	8

drilling according customer request  
 (for example PN6, PN10, PN16, AWWA, ASME, JIS, etc.)

DN / ID		length [mm]	flange connections				T [mm]	F [mm]	movements				Max.pressure [kgf/cm <sup>2</sup> ]
[inch]	[mm]		∅D [mm]	∅LK [mm]	n	∅d [mm]			axial [mm]		lateral [mm]	angular [°]	
								comp. -	ext. +	±	±		
44	1100	300-600					20	20	40	15	30	6	8
46	1150	300-600					20	20	40	15	30	6	8
48	1200	300-600					20	20	40	15	30	5	8
50	1250	300-600					20	20	40	15	30	5	8
52	1300	300-600					20	25	40	15	30	5	8
54	1350	300-600					20	25	40	15	30	5	8
56	1400	300-600					20	25	40	15	30	5	8
60	1500	300-600					20	25	40	15	30	5	8
64	1600	300-600					20	25	40	15	30	4	8
66	1650	300-600					20	25	40	15	30	4	8
68	1700	300-600					20	25	40	15	30	4	8
70	1750	300-600					20	25	40	15	30	4	6
72	1800	300-600					20	25	40	15	30	4	6
76	1900	300-550					20	25	40	15	30	4	6
80	2000	300-550					20	25	40	15	30	4	6

drilling according customer request  
(for example PN6, PN10, PN16, AWWA, ASME, JIS, etc.)

- Applications: cooling systems, supply of drinking water, desalination plants, plant constructions e.g. in pipelines, on pumps, as dismantling joints, on condensers and vessels
- Design: hydrodynamic and elastic bellows with single arch and with full faced rubber flanges, embedded reinforcement ring, with/without vacuum support ring depending on a operating conditions
- Rubber materials: EPDM, Neopren, Nitril, Hypalon, Natural, Buthyl HT, EPDM HT, EPDM Wras
- Accessories: Flanges an counterflanges with/without fasteners, control units (tie rods including nuts and washers, hinge, etc.), inner sleeve, protective covers or safety hood
- Notes: **On a request filled arch.** Other specification on request