



RC S3

DN / ID		length [mm]	flange connections				T [mm]	F [mm]	movements			Max. pressure [kgf/cm ²]	
[inch]	[mm]		ØD [mm]	ØLK [mm]	n	Ød [mm]			axial [mm]	lateral [mm]	angular [°]		
								comp. -	ext. +	±	±		
4	100	350-500					10	10	60	45	70	18	10
5	125	350-500					10	10	60	45	70	18	10
6	150	350-500					10	10	90	45	70	18	10
7	175	350-500					10	10	90	45	70	18	10
8	200	400-600					10	15	120	45	70	18	10
10	250	400-600					10	15	120	45	70	18	10
12	300	400-600					15	15	120	45	70	18	10
14	350	450-650					15	15	120	45	70	18	10
16	400	450-650					15	15	120	45	70	18	10
18	450	500-700					15	15	120	45	70	18	10
20	500	500-700					15	15	120	45	70	18	10
22	550	500-700					15	15	120	45	70	18	10
24	600	500-750					15	15	120	45	70	18	10
26	650	500-750					15	15	120	45	70	18	10
28	700	500-750					15	15	120	45	70	18	10
30	750	500-750					15	15	120	45	70	18	10
32	800	550-750					15	15	120	45	70	18	10
34	850	550-750					15	15	120	45	70	18	8
36	900	550-750					15	20	120	45	70	18	8
40	1000	550-850					20	20	120	45	70	18	8
42	1050	550-850					20	20	120	45	70	18	8
44	1100	550-850					20	20	120	45	70	18	8
46	1150	550-850					20	20	120	45	70	18	8

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

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[inch]	[mm]		∅D [mm]	∅LK [mm]	n	∅d [mm]			axial [mm] comp. - ext. +	lateral [mm] ±	angular [°] ±		
48	1200	550-850	drilling according customer request (for example PNG, PN10, PN16, AWWA, ASME, JIS, etc.)				20	20	120	45	70	16	8
50	1250	550-1000					20	20	120	45	70	16	8
52	1300	600-1000					20	25	120	45	70	16	8
54	1350	600-1000					20	25	120	45	70	16	8
56	1400	600-1000					20	25	120	45	70	16	8
60	1500	600-1000					20	25	120	45	70	16	8
64	1600	600-1000					20	25	120	45	70	14	8
66	1650	600-1000					20	25	120	45	70	14	8
68	1700	650-1000					20	25	120	45	70	14	8
70	1750	650-1000					20	25	120	45	70	14	6
72	1800	650-1000					20	25	120	45	70	14	6

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 triple 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