

MODEL

7043 FLANGE ADAPTER - ANSI CLASS 300

The Shurjoint Model 7043 flange adapter allows for direct connection of a grooved system to ANSI Class 300 flanged components. 2" through 8" Model 7043

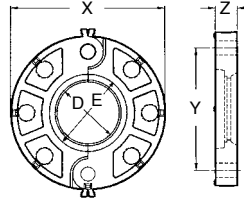
flange adapters are supplied hinged as a single assembly, while large sizes are supplied with separate segments.

Pressure-Temperature Rating

Nom. Rating	Working Pressure (STD, Roll-grooved)	Max. Service Temperature
Class 300	750 psi @100°F 52 Bar @38°C	EPDM: 230°F / 110°C Nitrile: 180°F / 82°C

*Working pressure is based on roll- or cut-grooved standard wall carbon steel pipe.

*Hydrostatic Shell Test: 1125 psi (77 bar) per ANSI B16.5.



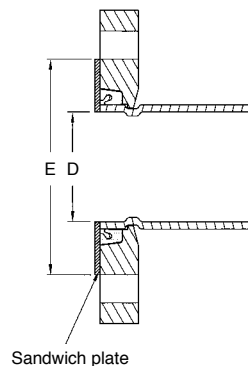
Nominal Size mm / in	Pipe O. D. mm / in	Max. Working Pressure Bar / PSI	Max. End Load kN / Lbs	Dimensions			Sealing Surface		Bolts		Weight Kgs / Lbs
				X mm / in	Y mm / in	Z mm / in	D mm / in	E mm / in	No.	Size in	
50	60.3	52	14.84	165	127	24	60	87	8	5/8	2.4
2	2.375	750	3320	6.50	5.00	0.94	2.36	3.41	8	3/4	5.3
65	73.0	52	21.75	191	149	27	73	99	8	3/4	3.6
2½	2.875	750	4870	7.50	5.88	1.06	2.88	3.91	8	3/4	7.9
80	88.9	52	32.28	210	168	30	89	115	8	3/4	4.6
3	3.500	750	7210	8.25	6.63	1.19	3.50	4.53	8	3/4	10.0
100	114.3	52	53.33	254	202	33	114	140	8	3/4	7.8
4	4.500	750	11920	10.00	7.95	1.31	4.50	5.53	8	3/4	17.3
125	141.3	52	81.50	279	235	37	141	171	8	3/4	9.6
5	5.563	750	18220	11.00	9.25	1.44	5.56	6.72	8	3/4	21.2
150	168.3	52	115.62	318	270	38	168	198	12	3/4	12.5
6	6.625	750	25840	12.50	10.63	1.50	6.63	7.78	12	3/4	27.6
200	219.1	52	195.96	381	330	43	219	252	12	7/8	16.4
8	8.625	750	43800	15.00	13.00	1.69	8.63	9.94	12	7/8	36.2
250	273.0	52	304.23	445	387	49	273	313	16	1	25.8
10	10.750	750	68040	17.50	15.25	1.94	10.75	12.31	16	1	56.9
300	323.9	52	428.25	521	451	51	324	364	16	1 1/8	35.2
12	12.750	750	95710	20.50	17.75	2.00	12.75	14.31	16	1 1/8	77.7

MODEL

49 SANDWICH PLATE

The Model 7041 and 7043 flange adapters require a hard flat surface for effective gasket sealing. A sandwich plate is required and should always be used when the mating surface is not adequate as with the serrated faces of some valves or the rubber-faced or rubber-lined flange adapters of a wafer valve.

Material: Mild-steel, electro-zinc plated. Stainless steel, type 304 or 316 is available on request.



Nominal Size mm / in	E mm / in	D mm / in
50	95	54
2	3.74	2.13
65	118	67
2½	4.65	2.64
80	130	81
3	5.12	3.19
100	158	105
4	6.22	4.13
125	188	128
5	7.40	5.00
150	216	155
6	8.50	6.10
200	271	205
8	10.67	8.07
250	326	258
10	12.83	10.15
300	381	305
12	15.00	12.00
350	414	337
14	16.30	13.25
400	470	387
16	18.50	15.25
450	533	438
18	21.00	17.25
500	584	489
20	23.00	19.25
600	692	590
24	27.25	23.25