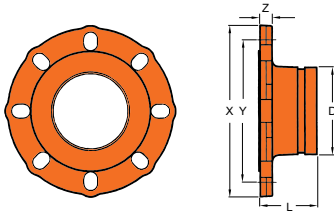


7180

Universal Flange Adapter



Job Name:	
Job Location:	
Engineer:	
Contractor:	
Tag:	
PO#:	
Rep:	
Wholesale Dist.:	



The Model 7180 Universal Flange Adapter provides all the benefits of our popular #7170 Flange Adapter with the added benefit of mating to a range of flange types including ANSI 125/150, PN10, PN16, JIS 10K and BS- 10E.

Shurjoint Model 7180 pressure ratings conform to the working pressure of the coupling used to join the system.

For Fire Protection pressure rating, listing, and approval information, refer to Data Sheet B-42 or visit www.shurjoint.com for details or contact Shurjoint.

DIMENSIONS

NOMINAL SIZE	PIPE O.D.	L	X	Y : FLANGE DRILLING				Z	BOLT SIZE		WEIGHT
				ANSI	PN	JIS	BS		DIA	NO.	
				125 / 150	10 / 16	10K	10E				
in	in	in	in	in	in	in	in	in		lb	
mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	kg	
2	2.375	2.50	6.50	4.75	4.92	4.72	4.49	0.63	5/8	4	5.10
50	60.3	64	165	121	125	120	114	16	M16	4	2.30
2-1/2	2.875	2.99	7.28	5.50	5.70	5.50	5.00	0.63	5/8	4	6.53
65	73.0	76	185	140	145	140	127	16	M16	4	2.96
76.1 mm	3.000	2.99	7.28	5.50	5.70	5.50	5.00	0.63	5/8	4	6.40
	76.1	76	185	140	145	140	127	16	M16	4	2.90
3	3.500	2.95	7.87	6.00	6.30	5.90	5.75	0.63	5/8	4 / 8	7.47
80	88.9	75	200	152	160	150	146	16	M16	4 / 8	3.39
4	4.500	2.95	8.86	7.50	7.09	6.89	7.00	0.63	5/8	8	8.49
100	114.3	75	225	191	180	175	178	16	M16	8	3.85
139.7 mm	5.500	2.95	10.00	8.50	8.27	8.27	8.27	0.63	5/8 / 3/4	8	14.33
	139.7	75	254	216	210	210	210	16	M16 / M20	8	6.50
5	5.563	2.95	10.00	8.50	8.27	8.27	---	0.87	5/8 / 3/4	8	14.33
125	141.3	75	254	216	210	210	---	22	M16 / M20	8	6.50
165.1 mm	6.500	2.95	10.71	9.50	9.45	9.45	9.30	0.63	3/4	8	13.86
	165.1	75	272	241	240	240	235	16	M20	8	6.30
6	6.625	2.95	10.71	9.50	9.45	9.45	---	0.63	3/4	8	12.58
150	168.3	75	272	241	240	240	---	16	M20	8	5.72
8	8.625	4.00	13.50	11.75	11.61	11.42	11.50	0.87	3/4	8 / 12	30.09
200	219.1	102	343	298	295	290	292	22	M20	8 / 12	13.65
200 JIS	8.516	4.00	13.50	11.75	11.61	11.42	---	0.87	3/4	8 / 12	30.09
	216.3	102	343	298	295	290	---	22	M20	8 / 12	13.65

MATERIAL SPECIFICATIONS

FITTING BODY:

- Ductile Iron to ASTM A536, Gr. 65-45-12 and or ASTM A395, Gr. 65-45-15, min. tensile strength 65,000 psi (448 MPa).

SURFACE FINISH:

- Standard painted finishes in orange or RAL3000 red.
- Hot dip zinc galvanized (option).
- Epoxy coated in red RAL3000 or other colors (option).

GENERAL NOTES

- Maximum Working Pressure (CWP) listed is the maximum cold water pressure for general piping services tested to ASTM F1476 and or AWWA C606 methods. Figures listed are based on roll- or cut-grooved standard wall carbon steel pipe. For other pipe schedules or pipe materials, contact Shurjoint for additional information.
- Max. End Load is calculated based on the maximum working pressure (CWP).
- Listed and or Approved Pressures are pressure ratings for fire protection systems, tested and approved by various approval bodies. Please always refer to the latest approval data posted on the Shurjoint website.
- Field Joint Test: For one time only the system may be tested hydrostatically at 1.5 times the maximum working pressure listed (AWWA C606 5.2.3).
- Warning: Piping systems must always be depressurized and drained before attempting disassembly and or removal of any components.
- The 10 Year Limited Warranty applies to manufacturing defects only and does not cover severe service/temperature applications or wear parts.
- Shurjoint reserves the right to change specifications, designs and or standard without notice and without incurring any obligations.