



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

The Model 7170 Flange Adapter provides a rigid transition between ANSI class 125 / 150 flanged components and a grooved system.

Shurjoint standard fitting pressure ratings conform to the ratings of Model 7707 couplings.

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 | ANSI CLASS 125 / 150

NOMINAL SIZE	X	Y	Z	BOLT SIZE	BOLT HOLE		D	L	WEIGHT
					DIA.	NO.			
in	in	in	in	in	in		in	in	lb
mm	mm	mm	mm				mm	mm	kg
10	15.98	14.25	1.18	7/8	1	12	10.75	7.99	48.4
250	406.0	362.0	30.0				273.0	203.0	22.0
12	19.00	17.00	1.25	7/8	1	12	12.75	7.99	61.6
300	483.0	432.0	32.0				323.9	203.0	28.0
14	21.00	18.75	1.38	1	1-1/8	12	14.00	5.00	108.9
350	533.0	476.3	35.0				355.6	127.0	49.5
16	23.50	21.25	1.46	1	1-1/8	16	16.00	5.00	110.0
400	597.0	539.7	37.0				406.4	127.0	50.0
18	25.00	22.75	1.57	1-1/8	1-1/4	16	18.00	5.50	137.5
450	635.0	577.8	40.0				457.2	140.0	62.5
20	27.50	25.00	1.69	1-1/8	1-1/4	20	20.00	5.71	158.4
500	699.0	635.0	43.0				508.0	145.0	72.0
24	32.00	29.50	1.89	1-1/4	1-3/8	20	24.00	6.00	218.9
600	813.6	749.3	48.0				609.6	152.0	99.5

DIMENSIONS | ANSI CLASS 300 (FABRICATED)

NOMINAL SIZE	X	Y	Z	BOLT SIZE	BOLT HOLE		D	L	WEIGHT
					DIA.	NO.			
in	in	in	in	in	in		in	in	lb
mm	mm	mm	mm				mm	mm	kg
2	6.5	5	0.875	5/8	3/4	8	2.375	4	8.58
50	165	127	22				60.3	101.6	3.9
2-1/2	7.5	5.875	1	3/4	7/8	8	3	4	10.12
65	191	149	25				76.1	101.6	4.6
3	8.25	6.625	1.125	3/4	7/8	8	3.5	4	10.34
80	210	168	29				88.9	101.6	4.7
4	10	7.875	1.25	3/4	7/8	8	4.5	6	16.94
100	254	200	32				114.3	152.4	7.7
6	12.5	10.625	1.438	3/4	7/8	12	6.5	6	28.6
150	318	270	37				165.1	152.4	13

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.