

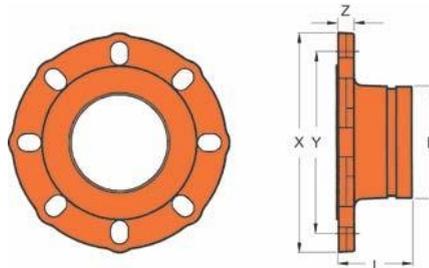
## MODEL 7180 UNIVERSAL FLANGE ADAPTER

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 flange adapter pressure ratings conform to the working pressure rating of the coupling used to join grooved pipe to the grooved side of the adapter, or to the working pressure rating of the flange system connecting to the flange side of the adapter, whichever is lower.



For Fire Protection pressure rating, listing, and approval information, refer to Data Sheet B-42 or visit **SHURJOINT** website, [www.shurjoint.com](http://www.shurjoint.com) for details or contact your **SHURJOINT** Representative.



Full warranty terms can be found on [www.shurjoint.com](http://www.shurjoint.com)

| Model 7180 Universal Flange Adapter |           |      |       |                    |           |         |        |      |           |        |        |
|-------------------------------------|-----------|------|-------|--------------------|-----------|---------|--------|------|-----------|--------|--------|
| Nominal Size                        | Pipe O.D. | L    | X     | Y: Flange Drilling |           |         |        | Z    | Bolt Size |        | Weight |
|                                     |           |      |       | ANSI 125 / 150     | PN 10, 16 | JIS 10K | BS 10E |      | Dia.      | No.    |        |
| in                                  | in        | in   | in    | in                 | in        | in      | in     | in   | in        |        | Lbs    |
| mm                                  | mm        | mm   | mm    | mm                 | mm        | mm      | mm     | mm   | mm        |        | Kgs    |
| 2                                   | 2.375     | 2.50 | 6.50  | 4.75               | 4.92      | 4.72    | 4.49   | 0.63 | %         | 4      | 5.10   |
| 50                                  | 60.3      | 64   | 165   | 121                | 125       | 120     | 114    | 16   | M16       | 4      | 2.30   |
| 2½                                  | 2.875     | 2.99 | 7.28  | 5.50               | 5.70      | 5.50    | 5.00   | 0.63 | %         | 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 | %         | 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 | %         | 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 | %         | 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   | 0.87 | % / %     | 8      | 14.33  |
|                                     | 139.7     | 75   | 254   | 216                | 210       | 210     | 210    | 22   | M16 / M20 | 8      | 6.50   |
| 5                                   | 5.563     | 2.95 | 10.00 | 8.50               | 8.27      | 8.27    | ---    | 0.87 | % / %     | 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 | %         | 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 | %         | 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 | %         | 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 | %         | 8 / 12 | 30.09  |
|                                     | 216.3     | 102  | 343   | 298                | 295       | 290     | --     | 22   | M20       | 8 / 12 | 13.65  |

PN per BS EN1092

## MATERIAL SPECIFICATIONS

- **Body:**

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

- **Surface Finish:**

Standard painted finishes in orange or RAL3000 red.

- Hot dip zinc galvanized (Option)
- Epoxy coatings in RAL 3000 red or other colors (Option)

General Notes:

- **Pressure Ratings** for fittings conform to the working pressure of the coupling used to join the system.
- **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 1½ 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.

*Shurjoint product specifications in U.S. customary units and metric are approximate and are provided for reference only. For precise measurements, please contact Shurjoint Technical Service. Shurjoint reserves the right to change or modify product design, construction, specifications, or materials without prior notice and without incurring any obligations to make such changes and modifications on Shurjoint products previously subsequently sold.*