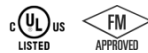


# 830 BRASS SEAT UNION



For pressure rating, listing, and approval information, refer to data sheet or visit SHURJOINT website [www.shurjoint.com](http://www.shurjoint.com) for details or contact your SHURJOINT representatives.

Material to ASTM A536 Gr. 65-45-12 ductile iron, dimensions to ANSI B16.39 Class 150, spherical seat, bronze to iron, UL and ULC listed and FM approved at 300 psi max. working pressure.

### Pressure-Temperature Rating Unions, Brass to Iron Seat (ANSI B16.39)

Nom. Rating	Working Pressure (W.O.G.) @150°F / @65°C	Working Pressure Saturated Steam
Class 300	600 psi / 42 Bar	300 psi (20 Bar)

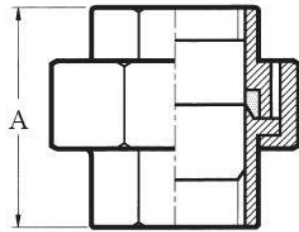
\*Proof test pressure: 1.5 times the working pressure, non-shock cold water.

\*Max. Temperature: 450°F (ASME Boiler Code)

### material specification

- **Body:**  
Ductile Iron to ASTM A536, Gr. 65-45-12, min. tensile strength 65,000 psi (448 MPa).
- **Threads:**  
NPT or BSPT.
- **Body coating:**  
Black (bare metal) with thin rust-proof oil.
  - Hot dip galvanized (optional)
  - Electro-zinc plated (optional)

**MODEL 830 BRASS TO IRON SEAT UNION**



Model 830 Brass to Iron Seat Union

Size	Pipe O.D.	A	Weight	Box Qty
in	in	in	lbs	Pcs
mm	mm	mm	Kg	
½	0.840	1.81	0.46	110
15	21.3	46	0.2	
¾	1.050	1.99	0.64	80
20	26.7	51	0.3	
1	1.315	2.17	1.01	50
25	33.4	55	0.5	
1¼	1.660	2.52	1.45	35
32	42.2	64	0.7	
1½	1.900	2.64	1.85	25
40	48.3	67	0.8	
2	2.375	3.15	2.86	18
50	60.3	80	1.3	

**MODEL 830B BRASS TO BRASS SEAT UNION**

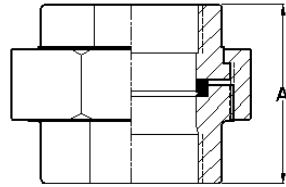
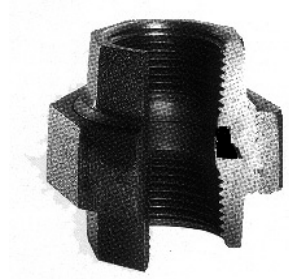


Fig. 830 B



Model 830B Brass to Brass Seat Union

Size	Pipe O.D.	A	Weight	Box Qty
in	in	in	lbs	Pcs
mm	mm	mm	Kg	
½	0.840	1.81	0.46	110
15	21.3	46	0.2	
¾	1.050	1.99	0.64	80
20	26.7	51	0.3	
1	1.315	2.17	1.01	50
25	33.4	55	0.5	
1¼	1.660	2.52	1.45	35
32	42.2	64	0.7	
1½	1.900	2.64	1.85	25
40	48.3	67	0.8	
2	2.375	3.15	2.86	18
50	60.3	80	1.3	

**General note**

- *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.