

MODEL 830 BRASS SEAT UNION

Material to ASTM A536 Gr. 65-45-12 or ASTM A395 Gr. 65-45-15 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.



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

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)

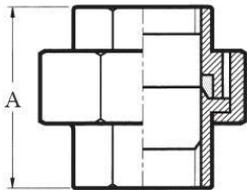
*Proof test pressure: 1.5 times the working pressure, non-shock cold water.

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



Full warranty terms can be found on www.shurjoint.com

MODEL 830 BRASS TO IRON SEAT UNION



Model 830 Brass to Iron Seat Union				
Size	Pipe O.D.	A	Weight	Box Q'ty
in	in	in	Lbs	Pcs
mm	mm	mm	Kgs	
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

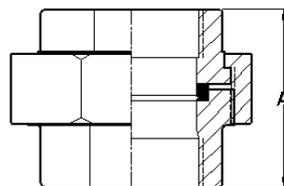
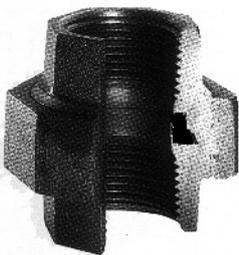


Fig. 830 B

Model 830B Brass to Brass Seat Union				
Size	Pipe O.D.	A	Weight	Box Q'ty
in	in	in	Lbs	Pcs
mm	mm	mm	Kgs	
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	

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 (448 MPa).
- **Threads:**
NPT or BSPT.
- **Body coating:**
Black (bare metal) with thin rust-proof oil.
 - Hot dip galvanized (Option)
 - Electro-zinc plated (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 Jjoint 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.