Ultra Pure ULTRAPRESS

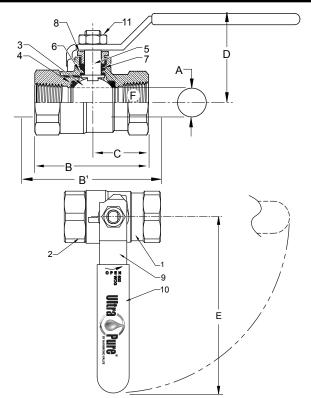
UP8301A/8303A* P2 ½"-2"

Bronze Ball Valve For Potable Water Two Piece Full Port 200 psig @ 250°F† Press x Press Ends Blow-Out Proof Stem

Dimensions and Workmanship Conform to MSS SP-110

MATERIAL LIST

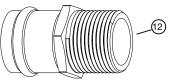
ITEMPARTMATERIALASTM SPEC1BodyCast BronzeB5842TailpieceCast BronzeB5842TailpieceCast BronzeB5843BallBrass w/Hard ChromeB2833BallBrass w/Hard ChromeB2833BallBrass w/Hard ChromeB2834SeatRPTFE, 15% Glass FilledCommercial5StemBrassB215StemStainless Steel (1)A2765StemBrassB216Thrust WasherRPTFE, 25% Glass FilledCommercial7PackingPTFECommercial8Packing NutBrassB167Packing NutBrassB1610Handle GripVinylCommercial11Handle NutSteel w/Zinc PlatingCommercial12Press AdaptersBrass Fitting w/EPDMB283 C27450(1) Boll and stam are staiplage for LIPS202A P2P2					
1DoayCast DrokeC898332TailpieceCast BronzeB5843BallBrass w/Hard ChromeB2833BallBrass w/Hard ChromeB2833BallDifferenceC274503BallBrass w/Hard ChromeB2834SeatRPTFE, 15% Glass FilledCommercial5StemBrassB215StemBrassB216Thrust WasherRPTFE, 25% Glass FilledCommercial7PackingPTFECommercial8Packing NutBrassB1610HandleSteel w/Zinc PlatingCommercial11Handle NutSteel w/Zinc PlatingCommercial12Press AdaptersBrass Fitting w/EPDMB2830-RingC-RingC27450	ITEM	PART	MATERIAL	ASTM SPEC	
Image: Second StateC898333BallBrass w/Hard Chrome PlatingB283 C274503BallBrass w/Hard Chrome PlatingB283 C274504SeatRPTFE, 15% Glass Steel (1)A276 S316005StemBrassB21 C464005StemBrassB21 C464006Thrust WasherRPTFE, 25% Glass FilledCommercial S316006Thrust WasherRPTFE, 25% Glass FilledCommercial C360007Packing NutBrassB16 C360008Packing NutBrassB16 C360009HandleSteel w/Zinc PlatingCommercial Commercial10Handle GripVinylCommercial Commercial11Handle NutSteel w/Zinc PlatingCommercial Commercial12Press AdaptersBrass Fitting w/EPDM O-RingB283 C27450	1	Body	Cast Bronze		
3BallPlatingC27450316 Stainless Steel (1)A276316 Stainless Steel (1)A276316 Stainless Steel (1)S316004SeatRPTFE, 15% Glass FilledCommercial5StemBrassB215Stem316 Stainless Steel (1)A2766Thrust WasherRPTFE, 25% Glass FilledCommercial7PackingPTFECommercial8Packing NutBrassB160HandleSteel w/Zinc PlatingCommercial10Handle GripVinylCommercial11Handle NutSteel w/Zinc PlatingCommercial12Press AdaptersBrass Fitting w/EPDMB2830-RingC27450Steel Steel	2	Tailpiece	Cast Bronze		
316 Stainless Steel (1) A276 S31600 4 Seat RPTFE, 15% Glass Filled Commercial 5 Stem Brass B21 C46400 5 Stem 316 Stainless Steel (1) A276 S31600 6 Thrust Washer RPTFE, 25% Glass Filled Commercial 7 Packing PTFE Commercial 8 Packing Nut Brass B16 C36000 9 Handle Steel w/Zinc Plating Commercial 10 Handle Grip Vinyl Commercial 11 Handle Nut Steel w/Zinc Plating Commercial 12 Press Adapters Brass Fitting w/EPDM B283 C27450		Dell			
5 Stem Brass B21 5 Stem 316 Stainless Steel (1) A276 6 Thrust Washer RPTFE, 25% Glass Filled Commercial 7 Packing PTFE Commercial 8 Packing Nut Brass B16 236000 9 Handle Steel w/Zinc Plating Commercial 10 Handle Grip Vinyl Commercial 11 Handle Nut Steel w/Zinc Plating Commercial 12 Press Adapters Brass Fitting w/EPDM B283 0-Ring C27450	3	Dall	316 Stainless Steel (1)		
5 Stem C46400 316 Stainless Steel (1) A276 S31600 S31600 6 Thrust Washer RPTFE, 25% Glass Filled Commercial 7 Packing PTFE Commercial 8 Packing Nut Brass B16 C36000 9 Handle Steel w/Zinc Plating Commercial 10 Handle Grip Vinyl Commercial 11 Handle Nut Steel w/Zinc Plating Commercial 12 Press Adapters Brass Fitting w/EPDM B283 O-Ring C27450	4	Seat	RPTFE, 15% Glass Filled		
316 Stainless Steel (1) A276 S31600 6 Thrust Washer RPTFE, 25% Glass Filled Commercial 7 Packing PTFE Commercial 8 Packing Nut Brass B16 C36000 9 Handle Steel w/Zinc Plating Commercial 10 Handle Grip Vinyl Commercial 11 Handle Nut Steel w/Zinc Plating Commercial 12 Press Adapters Brass Fitting w/EPDM B283 C27450	_	Stom	Brass		
7 Packing PTFE Commercial 8 Packing Nut Brass B16 9 Handle Steel w/Zinc Plating Commercial 10 Handle Grip Vinyl Commercial 11 Handle Nut Steel w/Zinc Plating Commercial 12 Press Adapters Brass Fitting w/EPDM B283 C27450	5	Stem	316 Stainless Steel (1)		
8Packing NutBrassB16 C360009HandleSteel w/Zinc PlatingCommercial10Handle GripVinylCommercial11Handle NutSteel w/Zinc PlatingCommercial12Press AdaptersBrass Fitting w/EPDMB283 C27450	6	Thrust Washer	RPTFE, 25% Glass Filled	Commercial	
Image: State of the state o	7	Packing	PTFE	Commercial	
10Handle GripVinylCommercial11Handle NutSteel w/Zinc PlatingCommercial12Press AdaptersBrass Fitting w/EPDMB283 C27450	8	Packing Nut	Brass		
11Handle NutSteel w/Zinc PlatingCommercial12Press AdaptersBrass Fitting w/EPDMB283O-RingC27450	9	Handle	Steel w/Zinc Plating	Commercial	
12Press AdaptersBrass Fitting w/EPDMB283O-RingC27450	10	Handle Grip	Vinyl	Commercial	
0-Ring C27450	11	Handle Nut	Steel w/Zinc Plating	Commercial	
		·	O-Ring		



(1) Ball and stem are stainless for UP8303A P2

DIMENSIONS

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$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	-	2.00						INCHES	
INSERTION DEPTH mm 22 25 25 26 36 40 B INCHES 2.19 2.59 3.32 3.77 4.28 5.10 mm 54 66 84 96 109 130		51	40	33	27	19	13	mm	A (DIA)
DEPTH mm 22 25 25 26 36 40 B INCHES 2.19 2.59 3.32 3.77 4.28 5.10 mm 54 66 84 96 109 130	8	1.58	1.42	1.02	0.98	0.98	0.87	INCHES	-
B mm 54 66 84 96 109 130		40	36	26	25	25	22	mm	
mm 54 66 84 96 109 130	0	5.10	4.28	3.77	3.32	2.59	2.19	INCHES	В
)	130	109	96	84	66	54	mm	
D1 [INUTES [0.19 [0.17]7.32]7.64]0.70 [11.1	10	11.10	8.76	7.84	7.32	6.17	5.19	INCHES	в ¹
mm 132 157 186 199 228 282	2	282	228	199	186	157	132	mm	D.
INCHES 1.10 1.30 1.59 1.81 2.06 2.37	7	2.37	2.06	1.81	1.59	1.30	1.10	INCHES	
mm 27 33 40 46 52 60		60	52	46	40	33	27	mm	С
INCHES 1.91 2.32 2.68 2.82 3.00 3.36	6	3.36	3.00	2.82	2.68	2.32	1.91	INCHES	
mm 47 59 68 72 76 85		85	76	72	68	59	47	mm	D
INCHES 3.82 4.55 6.33 6.33 6.33 7.19	9	7.19	6.33	6.33	6.33	4.55	3.82	INCHES	_
E mm 94 116 161 161 161 161 183	}	183	161	161	161	116	94	mm	
F THREAD SIZE 1/2" NPT 3/4" NPT 1"NPT 1-1/4" NPT 1-1/2" NPT 2" N	NPT	2" NF	1-1/2" NPT	1-1/4" NPT	1"NPT	3/4" NPT	1/2" NPT	THREAD SIZE	F
Cv 13 30 61 110 185 360)	360	185	110	61				-



Press End Adapter.

Available with Press x Threaded Ends (Order UPBA400P1/ UPBA400SP1)

Note: DN (Diameter Nominal) = Metric equivalent size.

†Non-Shock

*Both the valve and 4151 series press end adapters are tested and certified by IAPMO R & T to NSF/ANSI 61 and NSF/ANSI 372 for "Lead Free" compliance.

Note: Lead free refers to the wetted surface of the pipe, fittings and fixtures in potable water systems that have a weighted average lead content $\leq 0.25\%$. Source: California Health and Safety Code (116875).

