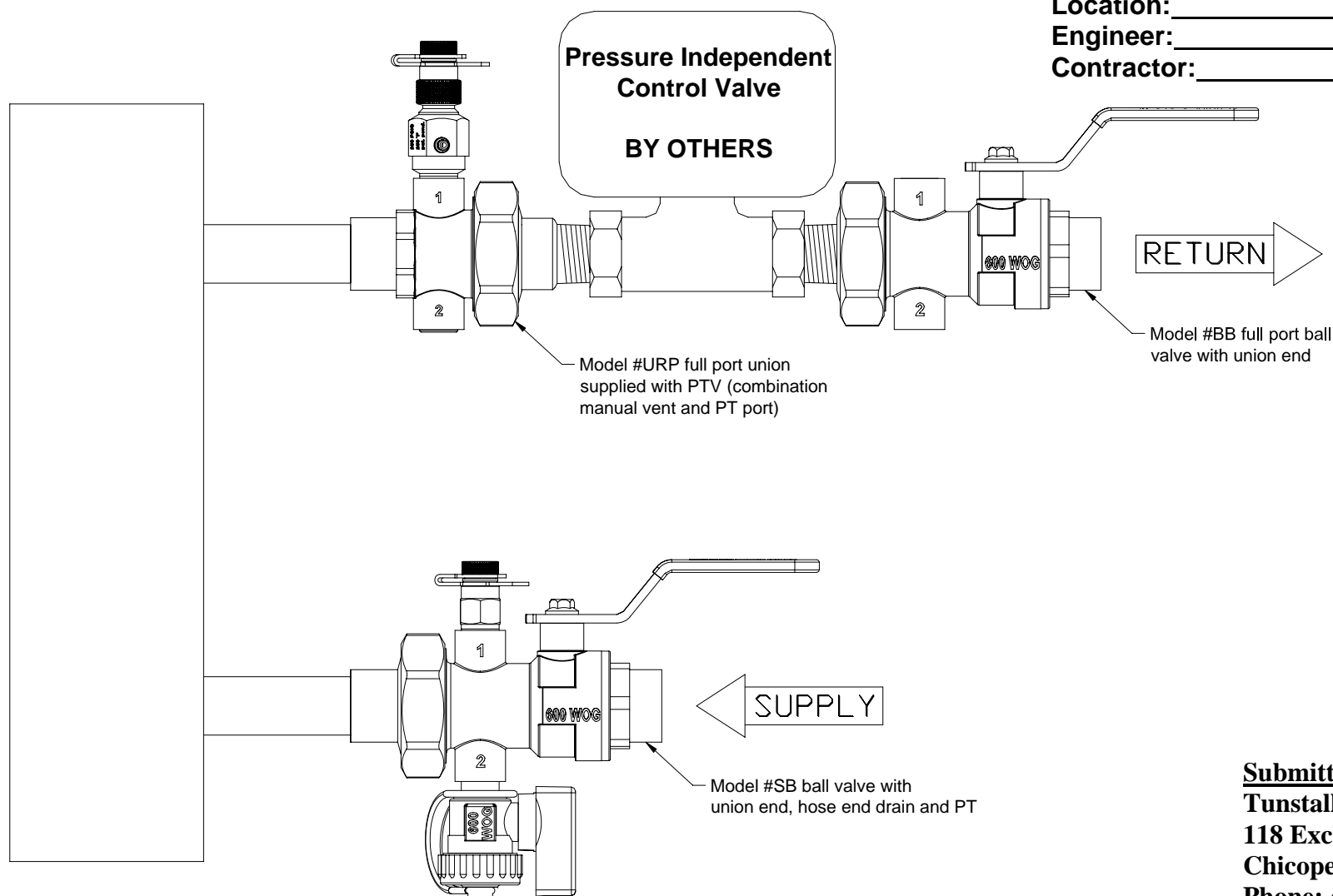


Valve Package (Model # 2RD-BB)

Job Name: _____
Location: _____
Engineer: _____
Contractor: _____

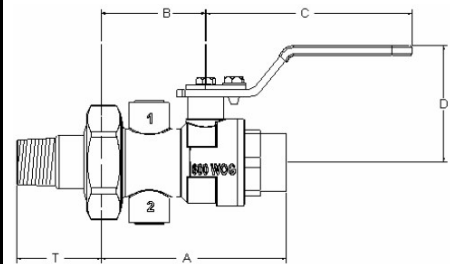


Submitted By:
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Model BB Union End Ball Valve is offers shutoff and throttling. The position indicating Memory Stop provides quick and easy flow setting with a single screw adjustment. The ball valve has a chrome plated ball, Teflon seats, a blow-out proof stem with double EPDM O-ring seals and dual plugged accessory ports. The union has an EPDM O-ring seal and tailpiece available in MNPT, FNPT, SWT and Press End connections.



SPECIFICATIONS	
Pressure Ratings:	600 PSI (4140 kPa)
Temperature Ratings:	250°F (120°C)
Body Material:	Forged Brass
End Connections:	Fixed End: DZR Brass - SWT & FNPT Brass - Press End Union End: Brass - SWT, FNPT, MNPT, Optional Press End & Direct Connect HA
Seals:	EPDM
Ball:	Chrome Plated Brass, full port, 100% positive shut-off. Optional 316 Stainless Steel.
Stem:	Brass. Optional 316 Stainless Steel.
Handle:	Full size Zinc Plated lever with Vinyl Grip
Memory Stop:	Zinc Plated Steel with position indicator
Available Options:	"PTV" combination PT & Air Vent, hose end "DV" Drain Valve & Port Extensions




NOMINAL DIMENSIONS & WEIGHTS												
MODEL	SIZE		A		B	C	D	**T MPT	Cv*	WEIGHT		
			FNPT	SWT						lbs	kg	
BB1E-050	in	0.50"	3.72	4.08	2.03	3.66	1.61	1.50	6.0	1.15	0.52	
	mm	15	94.5	103.6	51.6	93.0	40.9	38.10				
BB1E-075	in	0.75"	3.84	4.37	2.03	3.66	1.61	1.50			1.19	0.54
	mm	20	97.5	111.0	51.6	93.0	40.9	38.10				
BB2E-075	in	0.75"	3.92	4.49	2.03	3.66	2.08	1.56	9.0	1.22	0.55	
	mm	20	99.6	114.0	51.6	93.0	52.8	39.70				
BB2E-100	in	1.00"	4.13	4.53	2.03	3.66	2.08	1.75			1.70	0.77
	mm	25	105.0	115.1	51.6	93.0	52.8	44.5				
BB3-125	in	1.25"	5.42	6.41	2.37	5.03	2.26	1.80	52.0	3.97	1.80	
	mm	32	137.7	162.8	60.3	127.8	57.4	45.72				
BB3-150	in	1.50"	5.42	6.67	2.52	5.65	2.26	1.80			4.12	1.87
	mm	40	137.7	169.3	64.0	143.6	57.4	45.72				
BB4-200	in	2.00"	5.03	5.82	2.90	5.66	2.83	1.98	96.0	5.68	2.58	
	mm	50	127.8	148.8	73.7	143.8	71.9	50.29				

* Cv values are for the body only.

** Please reference the tailpiece data sheet #Bulletin-MB-TP for other sizes and connections.

Dimensions not for construction purposes unless certified by factory.

STANDARD COMPONENTS		
	MS	Memory stop with position indicator, zinc coated steel.
Please reference data sheet #Bulletin-MB-Accessories for optional accessories.		

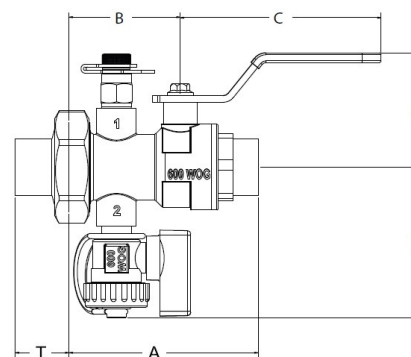
Optional features and accessories available for this Macon product are an extra charge, and not included in the standard model price.
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Section: Components
Bulletin-MB-BB-0915.05

SHUT OFF
VALVES

Model SB Union End Ball Valve offers positive shut-off, pressure/temperature measurement and drain. The ball valve has a chrome plated ball with Teflon seats, blowout proof stem with double EPDM O-ring seals. The union has an EPDM O-ring seal and tailpiece available in MNPT, FNPT, SWT and Press End connections. Standard features include Pressure/Temperature Port and Hose End Drain Valve.





SPECIFICATIONS	
Pressure Ratings:	600 PSI (4140 kPa)
Temperature Ratings:	250°F (121°C)
Body Material:	Forged Brass
End Connections:	Brass - Fixed End: SWT, FNPT & Press End Union End: SWT, FNPT, MNPT & Press End
Seals:	EPDM
Ball:	Chrome Plated Brass, full port, 100% positive shut-off. <i>Optional 316 Stainless Steel.</i>
Stem:	Brass. <i>Optional 316 Stainless Steel.</i>
Handle:	Full size Zinc Plated lever with Vinyl Grip
Available Options:	"PTV" combination PT & Air Vent

NOMINAL DIMENSIONS & WEIGHTS												
MODEL	SIZE		A		B	C	D	E	*T MPT	WEIGHT		
	in	mm	FNPT	SWT						lbs	kg	
SB1E-050	0.50"	15	in	3.72	4.08	2.03	3.66	1.61	2.53	1.50	1.51	0.68
			mm	94.5	103.6	51.6	93.0	40.9	64.3	38.1		
SB1E-075	0.75" R	20	in	3.84	4.37	2.03	3.66	1.61	2.53	1.50	1.55	0.70
			mm	97.5	111.0	51.6	93.0	40.9	64.3	38.1		
SB2E-075	0.75"	20	in	3.92	4.49	2.03	3.66	2.08	2.74	1.56	1.58	0.72
			mm	99.6	114.0	51.6	93.0	52.8	69.6	39.7		
SBBE-100	1.00"	25	in	4.13	4.53	2.03	3.66	2.08	2.74	1.75	2.06	0.93
			mm	105.0	115.1	51.6	93.0	52.8	69.6	44.5		
SB3-125	1.25"	32	in	5.42	6.41	2.37	5.03	2.26	3.12	1.80	4.33	1.96
			mm	137.7	162.8	60.3	127.8	57.4	79.3	45.7		
SB3-150	1.50"	40	in	5.42	6.67	2.52	5.65	2.26	3.12	1.80	4.48	2.03
			mm	137.7	169.3	64.0	143.6	57.4	79.3	45.7		
SB4-200	2.00"	50	in	5.03	5.82	2.90	5.66	2.83	3.51	1.98	6.04	2.74
			mm	127.8	148.8	73.7	143.8	71.9	89.2	50.2		

* Please reference the tailpiece data sheet #Bulletin-MB-TP for other sizes and connections.

Dimensions not for construction purposes unless certified by factory.

STANDARD COMPONENTS		
	PT	Pressure/Temperature test port with brass body, dual durometer EPDM core, threaded brass cap with O-ring seal and neoprene retainer strap. Accepts standard 1/8" (4mm) gauge adapter or thermometer stem. Rated to 500 PSI (3450 kPa) and 275°F (135°C)
	DV	Drain valve with forged brass body, chrome plated ball, Teflon seats, double EPDM O-ring stem seals, aluminum handle, 3/4" hose connection with cap and plastic retainer strap. Rated to 600 PSI (4140 kPa) WOG and 250°F (121°C)

Please reference data sheet #Bulletin-MB-Accessories for optional accessories.

Optional features and accessories available for this Macon product are an extra charge, and not included in the standard model price.

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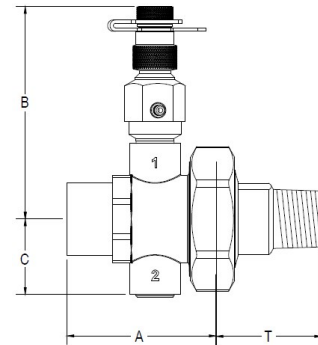


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Section: Components
Bulletin-MB-SB-0915.02

SHUT OFF
VALVES

Model URP Union offers numerous End Connections pressure/temperature measurement and vent. The union has an EPDM O-ring seal and tailpiece available in MNPT, FNPT, SWT and Press End connections.

Standard features include "PTV" Combination PT and Air Vent.



SPECIFICATIONS	
Pressure Ratings:	600 PSI (4140 kPa)
Temperature Ratings:	250°F (121°C)
Body Material:	Forged Brass
End Connections:	Brass - Fixed End: SWT, FNPT & Press End Union End: SWT, FNPT, MNPT & Press End
Seals:	EPDM
Available Options:	"DV" Drain Valve

NOMINAL DIMENSIONS & WEIGHTS											
MODEL	SIZE			A			B	C	*T MNPT	WEIGHT	
	in	mm		FNPT	MNPT	SWT				lbs	kg
URP-038	0.375"	10	in	N/A	N/A	1.88	2.78	0.84	N/A	0.76	0.35
			mm	N/A	N/A	47.68	70.61	21.34	N/A		
URP-050	0.50"	15	in	1.90	2.25	1.88	2.78	0.84	1.50	0.86	0.39
			mm	48.26	57.23	47.75	70.25	21.34	38.10		
URP-075	0.75" R	20	in	1.98	2.19	2.12	2.78	0.84	1.55	0.79	0.36
			mm	50.29	55.65	53.85	70.61	21.34	39.37		
URP-100	1.00"	25	in	2.15	N/A	2.28	3.02	1.08	1.75	1.16	0.53
			mm	54.61	N/A	57.91	76.65	27.43	44.72		
URP-125	1.25"	32	in	2.39	N/A	2.56	3.39	1.46	1.80	2.20	1.00
			mm	60.71	N/A	65.02	86.18	37.08	45.72		
URP-150	1.50"	40	in	2.39	N/A	2.69	3.39	1.46	1.80	2.42	1.10
			mm	60.71	N/A	68.32	86.18	37.08	45.72		
URP-200	2.00"	50	in	2.49	N/A	3.03	3.70	1.76	1.98	3.42	1.55
			mm	63.25	N/A	76.96	94.08	44.70	50.17		

* Please reference the tailpiece data sheet #Bulletin-MB-TP for other sizes and connections.

Dimensions not for construction purposes unless certified by factory.

STANDARD COMPONENTS

	PTV	Combination manual air vent and pressure/temperature test port with brass body, dual durometer EPDM core, blowout-proof stem, side discharge vent with 1/8" (4mm) hose barb, threaded brass cap with O-ring seal and neoprene retainer strap. Accepts standard 1/8" (4mm) gauge adapter or thermometer stem. Rated to 250 PSI (1725 kPa) and 250°F (121°C)
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Please reference data sheet #Bulletin-MB-Accessories for optional accessories.

Optional features and accessories available for this Macon product are an extra charge, and not included in the standard model price.

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