



Three Way Brass Multi - Port Series MPT 355-BB, 365-BB

DIRECT MOUNT 3-WAY BALL VALVE

Size Range:

Sizes 1/4"-3"

Pressure Rating:

400 WOG/100 WSP

Temperature Range:

-4°F - 366 °F



- T- Port & Diverter Type Ball Valves
- Threaded Ends
- Standard Port
- 1/4" thru 3"



MODELS

- T- Port MPT 355
- L- Port MPT 365

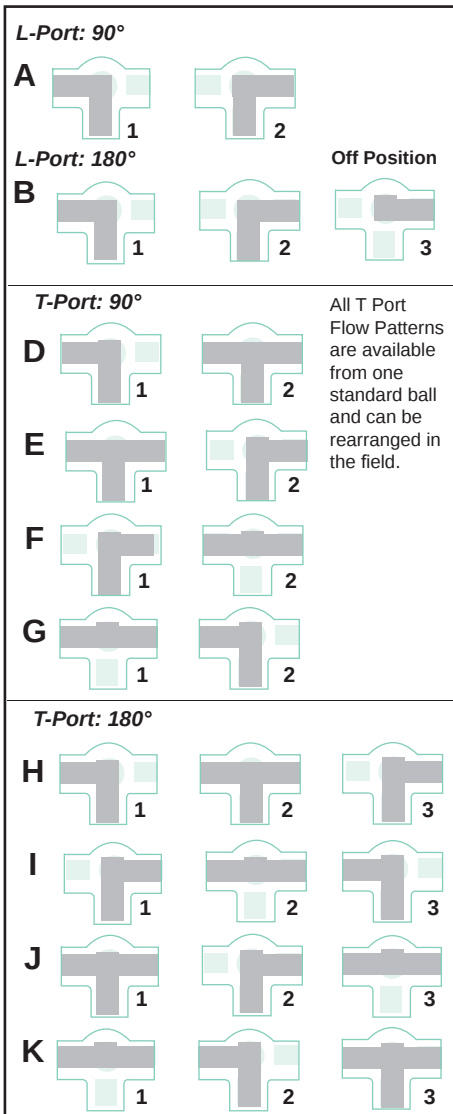
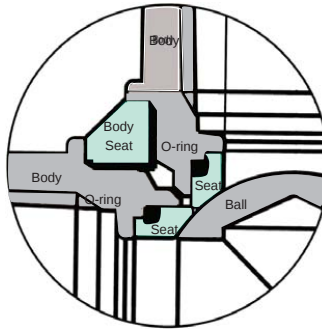
STANDARD PRODUCT NUMBERS

MPT355-BZ-T-TTT-L-025-BB T-Port Flow Pattern
MPT365-BZ-L-TTT-L-025-BB L-Port Flow Pattern

UNIQUE DESIGN FEATURES

Standard Seat Design is live-loaded using O-Rings. This provides longer life with reduced torques.

- Temperature range: -4°F to +366°F
- Pressure Rating: 400 MAWP/WOG/100 WSP
- ANSI B1.20.1 connections
- Four seat design for sealing between pressurized ports
- PTFE seats with O-ring backing for low operating torques
- Chrome Plated Brass Ball
- Blow-out proof stem with double O-ring stem packing
- Forged Brass Body
- 100% electronically tested in the open and closed position at 80 psi.
- Actuator Mounting Pad complies to ISO 5211 bolting pattern, Direct Mount
- Not to be used for drinking water



ATTENTION

MAWP/WOG is a do not exceed pressure at normal ambient NPT & Weld End Models

Certifications



TSSA

THREE WAY VALVES

REDUCE THE NUMBER OF VALVES IN PIPING SYSTEMS AND INCREASES EFFICIENCY.

THREE WAY FORGED BRASS THREADED END BALL VALVE

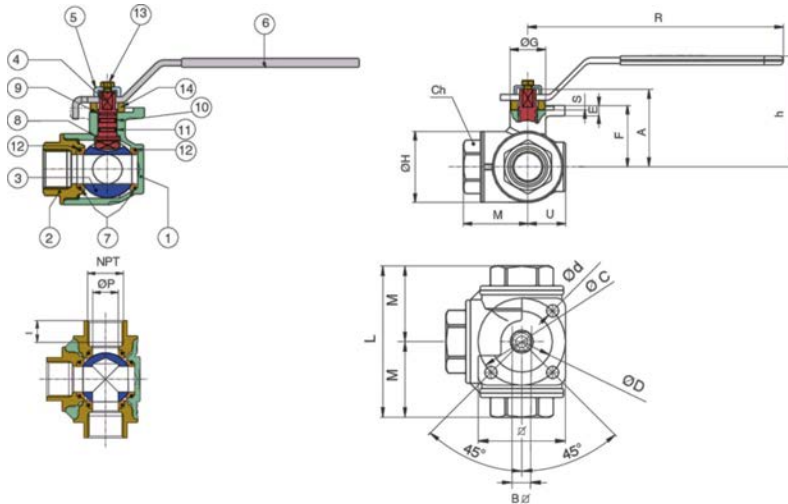
MODELS:

MPT355-BB

T Port

MPT365-BB

L Port



BILL OF MATERIALS:

Item	Part Name	Materials	Qty.
1	Body	Brass C37700	1
2	End Caps	Brass C37700	3
3	Ball	Brass C37700	1
4	Stem	# Brass C38500	4
5	Bushing	Brass C38500	1
6	Handle	Low Carbon Steel	4
7	Ball Seats	PTFE	1
8	Thrust Washer	PTFE	1
9	Thrust Washer	PTFE	1
10	O - Ring	# EPDM	1
11	O - Ring	# Viton	1
12	O - Rings Body	Viton	4
13	Screw	STEEL CL 8.8	1
14	Washer	# Nylon	1

Parts included in repair kits

MEETS THE DESIGN CRITERIA OF MSS SP-110

A secondary PTFE stem seal will also assure that the valve is suitable for use up to 366°F.

The Buna O-ring is fitted to the stem of the valve as the best possible protection against potential gas leakage under extreme duty or low pressure applications.

DESIGN TECHNICAL DATA

- **PRESSURE RATING:** 400 MAWP/WOG/100 WSP
- **OPERATING TEMPERATURE:** -20°F TO 375°F
- **SEAT TEST:**
80 PSI AIR UNDER WATER FOR BUBBLE TIGHT INTEGRITY
- **FOUR SEAT DESIGN**
- **O - RING LOADED SEATS & STEM SEALS**
- **BLOW-OUT PROOF STEM DESIGN**
- **ISO 5211 TYPE ACTUATOR MOUNTING PAD**
IDEAL FOR DIRECT MOUNT ACTUATION

DIMENSIONS, CV, AND WEIGHTS:

SIZE	ØP	ØH	I	L	M	CH	R	H	ØG	ØD		ØC	U	E	F	A	B	CV 355N-365N	PSI	WEIGHT (LBS)	BREAK TORQUE (IN/LBS)*
1/4"	0.39	1.34	0.39	2.64	1.32	0.87	4.72	2.44	0.87	0.24	1.5	1.42	0.77	0.2	1.2	0.35	0.35	3.24	400	1.23	35.4
3/8"	0.43	1.34	0.41	2.64	1.32	0.87	4.72	2.44	0.87	0.24	1.5	1.42	0.77	0.2	1.2	0.35	0.35	3.47	400	1.16	
1/2"	0.43	1.34	0.54	2.87	1.44	1.06	4.72	2.44	0.87	0.24	1.5	1.42	0.77	0.2	1.2	0.35	0.35	4.16	400	1.21	35.4
3/4"	0.55	1.54	0.55	3.19	1.59	1.26	4.72	2.52	0.87	0.24	1.5	1.42	0.87	0.2	1.29	0.35	0.35	7.05	400	1.48	35.4
1"	0.75	1.89	0.66	3.74	1.87	1.61	6.79	2.95	0.94	0.28	1.97	1.97	1	0.28	1.63	0.43	0.43	12.83	400	2.7	70.81
1 1/4"	0.95	2.36	0.68	4.39	2.19	1.97	6.79	3.17	0.94	0.28	1.97	1.97	1.22	0.28	1.85	0.43	0.43	18.73	400	4.15	88.51
1 1/2"	1.18	2.83	0.68	4.86	2.43	2.17	6.79	3.66	1.26	0.28	1.97	1.97	1.49	0.28	2.34	0.43	0.43	29.71	400	6.22	106.21
2"	1.5	3.39	0.7	5.73	2.86	2.76	9.06	4.37	1.46	0.35	2.76	2.76	1.75	0.31	2.91	0.59	0.55	43.81	400	11.07	177.02
2 1/2"	1.95	4.37	0.93	6.93	3.46	3.35	9.06	4.8	1.46	0.35	2.76	2.76	2.2	0.31	3.35	0.59	0.55	70.05	400	19.78	265.52
3"	1.95	4.45	1.02	7.09	3.54	4.13	9.06	4.8	1.46	0.35	2.76	2.76	2.2	0.31	3.35	0.59	0.55	70.05	400	19.63	265.52

2 1/2" & 3" - Consult Factory

* Torque values in the table are measured in laboratory tests under the following conditions:

TEMPERATURE: 68°F - PRESSURE: 0 psi - FLUID: purified water

All Break Torques Are Based on an Operating Pressure of 150 PSI, Consult Factory on High Pressure.



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WARNING: This product can expose you to chemicals including lead, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.p65warnings.ca.gov.

Due to continuous development & improvement of our product range, we reserve the right to alter the dimensions and technical data included in this brochure.