

# MC-3P (PVC) & MV-3P SERIES (CPVC) TRUE UNION BALL VALVES

## BILL OF MATERIALS

PART #	NAME	MATERIAL	OPTIONAL MATERIAL	QTY
1	INSERT	PVC	CPVC	1
2	HANDLE	PVC	CPVC	1
3	STEM O-RING	EPDM	VITON	2
4	STEM	PVC	CPVC	1
5	SEAT	PTFE	---	2
6	BALL	PVC	CPVC	1
7	BODY	PVC	CPVC	1
8	SEAT O-RING	EPDM	VITON	2
9	BODY O-RING	EPDM	VITON	2
10	SOCKET O-RING	EPDM	VITON	2
11	CARRIER/STOP RING	PVC	CPVC	1
12	END CONNECTOR	PVC	CPVC	2
13	UNION NUT	PVC	CPVC	2
14	DUAL BLOCK	POM	---	1

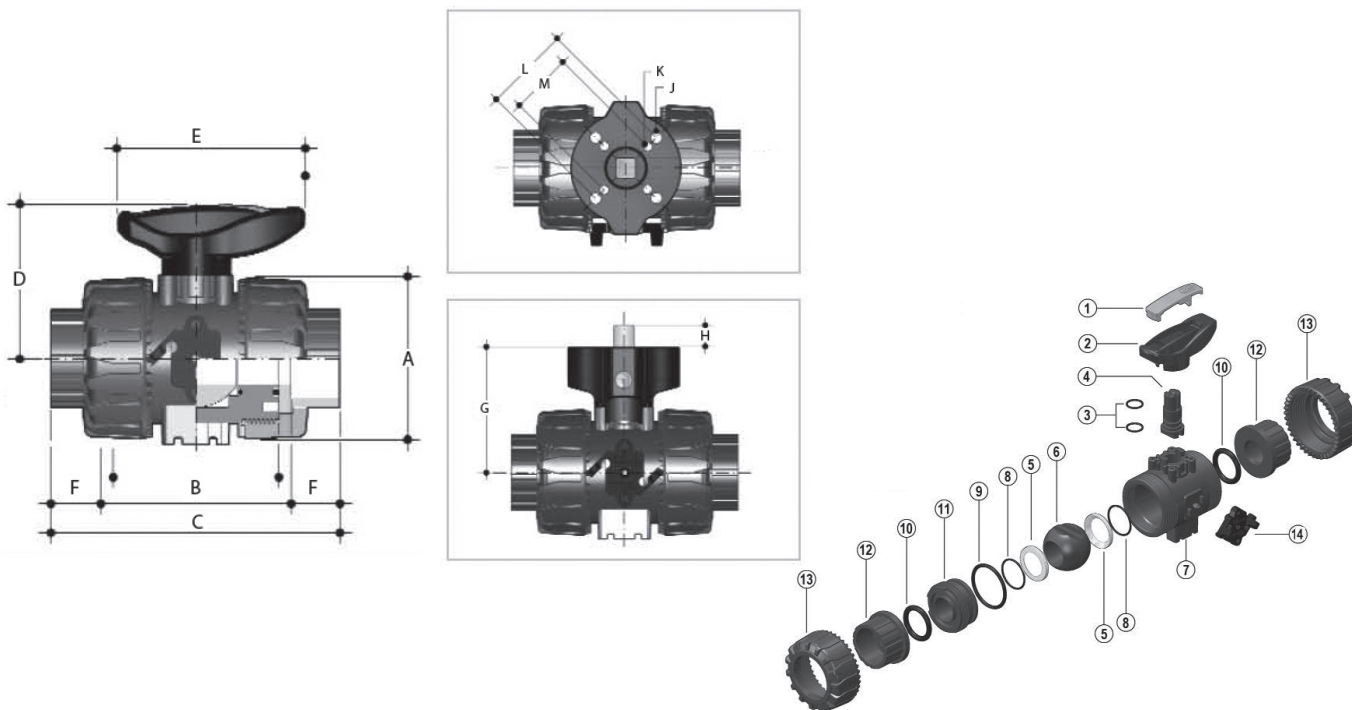
## VALVE FEATURES

- 2-Way PVC and CPVC valves
- 1/2" through 4" size range
- TFE® seats
- EPDM or Viton® body o-rings
- True union style
- Threaded or socket weld ends
- Patented stem design to help prevent leakage in the event of stem damage

**PRESSURE RATING**  
235 PSI at 73° F

**TEMPERATURE RATING**  
+140° F Maximum PVC  
+212° F Maximum CPVC

**NOTE: MAXIMUM TEMPERATURE RATING FOR STANDARD ACTUATORS IS 150° F (ELECTRIC) AND 180° (PNEUMATIC). SPECIAL SEALS OR HEAT EXTENSIONS ARE AVAILABLE FOR HIGH TEMPERATURE SERVICE.**



## DIMENSIONAL DATA

SIZE	A	B	C	D	E	F	G	H	J	K	L	M	CV	WT.
1/2"	2.13	2.97	4.37	2.13	2.64	0.70	2.28	0.47	0.22	0.22	F04	F03	14.0	0.46
3/4"	2.56	3.19	4.61	2.56	3.35	0.71	2.89	0.47	0.26	0.22	F05	F03	27.0	0.74
1"	2.87	3.54	5.31	2.74	3.35	0.89	2.91	0.47	0.26	0.22	F05	F03	53.9	0.99
1-1/4"	3.39	4.05	6.02	3.25	4.25	0.99	3.82	0.63	0.33	0.26	F05	F07	77.0	1.49
1-1/2"	3.86	4.20	6.14	3.50	4.25	0.97	4.09	0.63	0.33	0.26	F05	F07	123	2.11
2"	4.80	4.99	7.32	4.25	5.28	1.17	4.49	0.63	0.33	0.26	F05	F07	238	3.68
2-1/2"	6.46	6.64	9.25	6.46	8.86	1.31	6.46	0.63	0.35	N/A	N/A	F07	368	9.69
3"	7.99	7.83	10.63	6.97	12.87	1.4	6.97	0.63	0.35	N/A	N/A	F07	497	16.00
4"	9.37	9.17	12.13	7.68	15.16	1.48	7.68	0.75	0.35	N/A	N/A	F07	664	24.50

THE MANUAL VERSION OF THIS MODEL STARTS WITH AN "M"

ALL VALVES ARE 100% ELECTRONICALLY TESTED AT 80 PSI IN BOTH THE OPEN AND CLOSED POSITIONS