

PVC and CPVC 3-Way, 3-Position (Multiport /Diverter) True Union Ball Valve, Model A

Chemtrol Figure Numbers

Valve Style	Elastomeric Trim	PVC Soc.	Thd.	CPVC Soc.	Thd.
1/2" – 2" Multiport (3-Way/3-Position)	FKM	S45M3-V	T45M3-V	S51M3-V	T51M3-V
	EPDM	S45M3-E	T45M3-E	S51M3-E	T51M3-E

Dimensions—Weights—Flow Coefficients

Valve Size	Soc. & Thd. Figures					
	A ¹	B	C	D		
1/2	2.07	1.94	2.00	0.50		
3/4	2.74	2.50	2.44	0.75		
1	2.74	2.69	2.86	1.00		
1 1/4	2.62	3.74	4.08	1.25		
1 1/2	2.62	3.74	4.08	1.25		
2	3.12	4.25	5.25	2.00		

Valve Size	Socket Figures					Approx. ² Wt. Lbs.
	F	G	J	K	R	
1/2	4.19	2.41	3.56	2.69	2.13	0.64
3/4	5.00	2.97	4.19	3.19	2.50	1.15
1	5.50	3.22	4.63	3.50	2.75	1.59
1 1/4	6.47	3.94	5.88	4.63	3.25	3.43
1 1/2	6.76	3.98	6.00	4.63	3.38	3.62
2	8.01	4.98	7.08	5.63	3.96	7.02

Valve Size	Threaded Figures			Fluid Flow Coefficient	
	E	H	P	Approx. ² Wt. Lbs.	CV ³
1/2	4.00	3.50	2.06	0.60	8
3/4	4.63	4.00	2.31	1.05	19
1	5.18	4.44	2.63	1.50	36
1 1/4	6.10	5.63	3.06	3.24	55
1 1/2	6.15	5.63	3.06	3.37	55
2	7.35	6.81	3.62	6.25	149

1 Handle is not symmetrical about stem centerline. Dimension shown represents the longest operational radius.

2 Weights shown for socket figures are CPVC models. Weights for threaded figures are PVC models.

3 C_v values were computed using equivalent cylinder length for 90° turn with full bore.

* 1 1/2" valve has conventional port on center outlet.