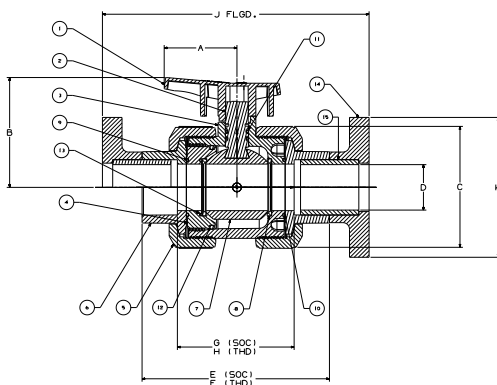


PVC and CPVC Tru-Bloc® True Union Ball Valve, Model D
Chemtrol Figure Number

Valve Style	Elasto-meric Trim	PVC			CPVC		
		Soc.	Thd.	Flgd.	Soc.	Thd.	Flgd.
TU/TB	FKM	U45TB-V*	U45TB-V*	F45TB-V	U51TB-V*	U51TB-V*	F51TB-V
	EPDM	U45TB-E*	U45TB-E*	F45TB-E	U51TB-E*	U51TB-E*	F51TB-E

* As original equipment, 1/2" - 2" True Union Tru-Bloc valve models are supplied with universal connectors (i.e., a set of both socket and thread end connectors).


Dimensions—Weights—Flow Coefficients

Valve Size	TU Figures End-to-End						PVC Approx. ² Wt. Lbs.	CPVC Approx. ² Wt. Lbs.
	E Soc.	F Thd.	G Soc.	H Thd.	J Flgd.			
1/2	4.20	4.10	2.42	2.44	6.30		0.350	0.370
3/4	5.02	4.62	3.02	3.05	7.34		0.690	0.730
1	5.47	5.32	3.22	3.40	8.17		0.960	1.000
1 1/4	6.53	6.07	4.01	4.06	9.41		2.155	2.255
1 1/2	6.89	6.23	4.10	4.18	10.05		2.190	2.315
2	8.04	7.39	5.01	5.19	11.44		4.410	4.670

Valve Size	TU Figures Profile					Fluid Flow Coefficient CV ³ TU
	A ¹	B	C	D	K Flgd.	
1/2	2.07	2.16	1.82	.50	3.50	6.4
3/4	2.74	2.90	2.36	.75	3.88	38.7
1	2.74	3.07	2.73	1.00	4.26	58.2
1 1/4	2.62	3.91	4.07	1.25	4.62	61.7
1 1/2	2.62	3.91	4.07	1.50	5.00	117.4
2	3.12	4.71	5.23	2.00	6.00	178.4

1 Handle is not symmetrical about centerline. Dimensions shown represent the longest operational radius. The handle position is correctly shown for the 1/2" - 3" True Union valve style.

2 Weight for 1/2" - 2" TU figures includes both sets of end connectors.

3 C_v values computed for basic valve laying lengths (G).