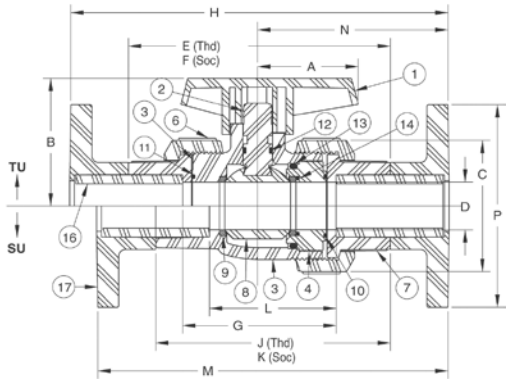
PVC and CPVC Tru-Bloc® True Union Ball Valve, Model C

Chemtrol Figure Number							
Valve Style	Elasto-meric Trim	PVC			CPVC		
		Soc.	Thd.*	Flgd.	Soc.	Thd.*	Flgd.
TU/TB	FKM	S45TB-V	T45TB-V	F45TB-V	S51TB-V	T51TB-V	F51TB-V
	EPDM	S45TB-E	T45TB-E	F45TB-E	S51TB-E	T51TB-E	F51TB-E

* Thread end connections are not available for 6" valves.



Dimensions–Weights–Flow Coefficients

	TU Figures End-to-End				
Valve Size	E Thd.	F Soc.	G Soc.	H Flgd	Approx.[2] Wt. Lbs.
3	10.39	10.39	6.58	14.63	11.25
4	12.22	12.22	7.66	17.63	17.68
6[4]	NA	30.22	24.16	24.08	29.25

	TU Figures Profile						Fluid Flow Coefficient
Valve Size	A[1]	B	C	D	N	P	CV[3] TU
3	4.00	5.59	7.18	3.00	7.42	7.50	1348
4	8.00	6.05	8.78	4.00	8.52	9.00	2602
6[4]	8.00	6.05	8.78	4.00	11.90	11.05	2602

1 Handle is not symmetrical about center line. Dimensions shown represent the longest operational radius. The handle position is correctly shown for the 3" True Union valve style, but the position must be rotated 180° from that shown for the 4" - 6" True Unions.
2 Weight includes socket end connections only for 3" - 6" sizes. The material represented is PVC in all cases.
3 C_V values computed for basic valve laying lengths (G).
4 The 6" ball valve is a Venturi design derived from the 4" valve: a 4" end connector and a 6" coupling are connected by a 6" x 4" Venturied reducer, with a union nut captured within the assembly. Threaded end connection not available.

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