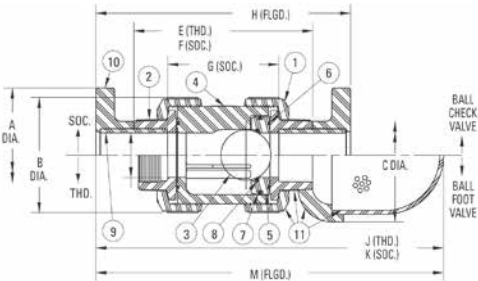


Polypropylene and Kynar® PVDF True Union Ball
Check, and Vent Valves



Chemtrol Figure Numbers

Type Valve	End Conn	Elastomeric Trim	Materials			
			Black Polypro	Chem-Pure Natural Polypro	Red PVDF	Natural PVDF
Ball Check Valve	Soc.	FKM	S61BC-V	S62BC-V	S65BC-V	S66BC-V
	Thd.	FKM	T61BC-V	NA	T65BC-V	T66BC-V
	Flgd.	FKM	F61BC-V	NA	F65BC-V	F66BC-V



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Polypropylene and Kynar® PVDF True Union Ball Check, and Vent Valves

Dimensions¹—Weights—Flow Coefficients

Valve Size	Ball Check/Foot					Seating Head Ft - H ₂ O		Fluid Flow Coefficient
	A	B	C	D	E Thd.			
1/2	3.50	1.98	2.63	0.50	3.94			
3/4	3.88	2.44	2.63	0.75	4.65			
1	4.26	2.83	3.63	1.00	5.08			
1 1/2	5.00	4.08	5.50	1.50	6.38			
2	6.00	5.23	5.50	2.00	7.36			
Valve Size	Ball Check Valve				Seating Head Ft - H ₂ O		Fluid Flow Coefficient	
	F Soc.	G Soc.	H Flgd.	Approx. ² Wt. Lbs	Vert.	Horiz.	C _v ³	
1/2	4.13	2.36	6.27	0.42	6	7	5	
3/4	5.02	3.00	7.38	0.72	6	7	10	
1	5.40	3.12	7.99	1.05	4	5	19	
1 1/2	6.99	4.21	10.18	2.62	4	5	56	
2	8.02	4.99	11.45	4.76	4	5	101	

1 Dimensions shown are for PVC and CPVC. Due to molding shrinkage the dimensions for PP and PVDF would be somewhat less, and the end-to-end length of threaded equals socket valves.

2 Weights shown for ball valve figures are PVC threaded models. For an approximation of PVDF, and PP check valve weights the PVC weight may be multiplied by factors of 1.275, or 0.656 respectively.

3 C_v values are based on the basic valve laying length (G).