

# Globe Control Valves

## Cv Values for PVC and PP

SEAT DIA.	VALVE SIZE (INCHES)								
	1/2	3/4	1	1 1/4	1 1/2	2	2 1/2	3	4
.106	.23								
.149	.46								
.185	.70								
.236	1.20								
.299	1.75	1.75							
.374	2.60	2.60	2.6						
.404		4.00	4.0	4.0					
.578		6.10	6.1	6.1	6.1				
.748				9.5	9.5	9.5			
.944				10.5	10.5	10.5	10.5		
1.181					16.0	16.0	16.0	16.0	
1.496						25.0	25.0	25.0	25.0
1.909							40.0	40.0	40.0
2.047							46.0	46.0	46.0
2.244								64.0	64.0
2.696									81.0
2.897									93.0

## Cv Values for PVDF and PTFE

SEAT DIA	VALVE SIZE (INCHES)								
	1/2	3/4	1	1 1/4	1 1/2	2	2 1/2	3	4
.106	.23								
.149	.46								
.185	.70								
.236	1.20								
.299	1.75	1.75							
.374	2.60	2.60	2.6						
.404		4.00	4.0	4.0					
.578		6.10	6.1	6.1	6.1				
.748				10.5	10.5	10.5	10.5		
.944					14.0	14.0	14.0	14.0	
1.181					18.0	18.0	18.0	18.0	18.0
1.496						29.0	29.0	29.0	29.0
1.909							40.0	40.0	40.0
2.047								52.0	52.0
2.244									70.0
2.696									93.0
2.897									105.0

## REQUIRED DATA FOR CONTROL VALVE SIZING

SERVICE CONDITIONS			
1. Media			Concentration %
2. Temperature:	°F	or	°C Specify
3. Flow Required (gpm):	Max.	Normal	Min.
4. Line Pressure (psi):	Upstream:	Downstream:	(Max. Flow)
5.	Upstream:	Downstream:	(Norm. Flow)
6.	Upstream:	Downstream:	(Min. Flow)

VALVE SPECS			
7. Line Size:			
8. Valve Characteristics:	Equal % or Linear:		Specify
9. Valve Material:			Valve Seals:
10. Cv Value Required:	Max.:	Norm.:	Min.:

ACTUATOR SPECS			
11. Actuator Type:		Electric or Pneumatic	Specify
12. Supply Voltage for Electric:			Specify
13. Electric Control Signal:		mA or volts	
14. Pneumatic Control Signal:		PSI	
15. Position Feedback:			Specify