

# HIGH PRESSURE CONTROL VALVES



## CODE BUILDER MODEL CVS (STEM GUIDED)

Series:

**CV = Control Valves**

Model:

**S = Stem Guided**

Line Size:

**1 = 1 NPS**

**2 = 2 NPS**

End Connection:

Body Type:

**A = Angle**

**T = Thru**

**D = Dual**

Shell Material:

**W = WCB Steel**

Inner Valve Size:

Actuator:

- 0 = No Actuator
- 1 = 3 - 15 psi Spring Fail Close
- 2 = 6 - 30 psi Spring Fail Close**
- 3 = 9 - 45 psi Spring Fail Close
- 4 = 3 - 15 psi Spring Fail Open
- 5 = 6 - 30 psi Spring Fail Open
- 6 = 9 - 45 psi Spring Fail Open

- 7 = - 65 Fail Close
- 8 = Metering Valve (EP trim only)
- J = 2 - 10 psi Spring Fail Close (1" only)
- K = 4 - 20 psi Spring Fail Close
- L = 2 - 10 psi Spring Fail Open (1" only)
- M = 4 - 20 psi Spring Fail Open

Service Type:

- S = Standard**
- C = Corrosive
- K = Corrosive with Coating
- E = Erosive
- M = Mixed Duty

Trim Materials (Stem - Plug - Seat)

	Linear	Quick Open	E.P.
<b>S3-CR-D2</b>	<b>S3-CR-D2</b>	<b>S3-CB-CB</b>	<b>S3-CR-D2</b>
S6-S6-S6	S6-S6-S6	N/A	S6-S6-S6
S3-CB-ZR	S3-CB-ZR	S3-CB-ZR	S3-CB-ZR
S7-S7-S7	S7-S7-S7	N/A	S7-S7-S7

- S2 = 2000 psi FNPT
- S4 = 4000 psi FNPT
- S6 = 6000 psi FNPT
- AR = 150 RF
- BR = 300 RF
- DR = 600 RF
- FR = 900/1500 RF
- GR = 2500 RF
- DJ = 600 RTJ
- FJ = 900/1500 RTJ
- GJ = 2500 RTJ
- P5 = API 5000

	1" Line Size			2" Line Size		
	Linear	Quick Open	E.P.	Linear	Quick Open	E.P.
1/8"	02L	02Q	02E			
3/16"	03L	03Q				
1/4"	04L	04Q	04E	04L	04Q	04E
3/8"	06L	06Q		06L	06Q	
7/16"						07E
1/2"	08L	08Q	08E	08L	08Q	
5/8"						10E
3/4"				12L	12Q	
7/8"						14E
<b>1"</b>		16Q		<b>16L</b>	16Q	
1 1/2"					24Q	

**CV S 2 S2 T W 16 L 2 S**

Options: Additional cost and lead times will apply  
If multiple options required input in sequential order  
Leave blank if no options required

- 1 = NACE Certification (Corrosive Option Only)
- 2 = Hydrostatic Test Certification
- 3 = MTR (Shell Components)
- A = AFLAS Elastomers (Green)
- E = VEE Packing
- G = Graphite Vee Packing
- H = HSN Elastomers
- V = FKM Elastomers (Yellow)
- X = Export (Hydrostatic test, MTR & 3.1)

Not all selections available on all products listed.  
See product pages 01:10.1 - 01:10.4 for available options