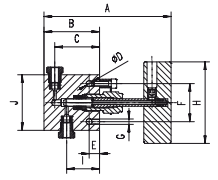
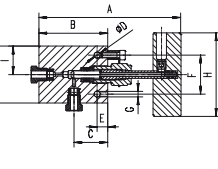
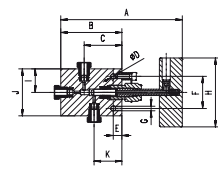
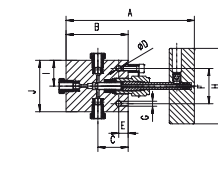
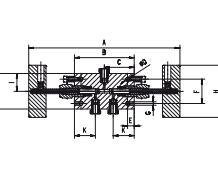
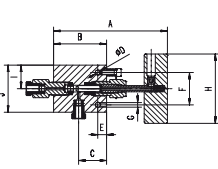


Valve Pattern	Catalog Number	Stem Type	O.D. Tube in.	Orifice in. (mm)	Dimensions in. (mm)										Valve Panel Hole	Block Thickness
					A	B	C	D	E	F	H	I	J	K		
<b>2-Way Straight</b>																
	36V4H071	Vee	1/4	0.094	4.76	2.01	1.50	0.22	0.37	1.38	2.95	1.12	2.01	1.00	1.02	
	36V4H081	Reg		(2.3)	(121)	(51)	(38)	(5.6)	(9.5)	(35)	(75)	(28.5)	(51)			(25.4)
	36V6H071	Vee	3/8	0.125	4.76	2.01	1.50	0.22	0.37	1.38	2.95	1.12	2.01	1.00	1.02	
	36V6H081	Reg		(3.2)	(121)	(51)	(38)	(5.6)	(9.5)	(35)	(75)	(28.5)	(51)			(25.4)
	36V9H071	Vee	9/16	0.125	5.20	2.44	1.56	0.22	0.37	1.38	2.95	1.12	2.64	1.00	1.54	
	36V9H081	Reg		(3.2)	(132)	(62)	(39.6)	(5.6)	(9.5)	(35)	(75)	(28.5)	(67)			(25.4)
<b>2-Way Angle</b>																
	36V4H072	Vee	1/4	0.094	4.76	2.01	1.12	0.22	0.37	1.38	2.95	1.00	2.01	1.00	1.02	
	36V4H082	Reg		(2.3)	(121)	(51)	(28.5)	(5.6)	(9.5)	(35)	(75)	(25.4)	(51)			(25.4)
	36V6H072	Vee	3/8	0.125	4.96	2.20	1.10	0.22	0.37	1.38	2.95	1.00	2.01	1.00	1.02	
	36V6H082	Reg		(3.2)	(126)	(56)	(28)	(5.6)	(9.5)	(35)	(75)	(25.4)	(51)			(25.4)
	36V9H072	Vee	9/16	0.125	5.20	2.44	1.12	0.22	0.37	1.38	2.95	1.32	2.64	1.00	1.54	
	36V9H082	Reg		(3.2)	(132)	(62)	(28.5)	(5.6)	(9.5)	(35)	(75)	(33.5)	(67)			(25.4)
<b>3-Way / 2 on Pressure</b>																
	36V4H073	Vee	1/4	0.094	4.89	2.13	1.50	0.22	0.37	1.38	2.95	1.00	2.01	1.12	1.00	1.02
	36V4H083	Reg		(2.3)	(124)	(54.1)	(38)	(5.6)	(9.5)	(35)	(75)	(25.4)	(51)	(28.5)	(25.4)	(25.9)
	36V6H073	Vee	3/8	0.125	5.26	2.50	1.50	0.22	0.37	1.38	2.95	1.00	2.01	1.12	1.00	1.02
	36V6H083	Reg		(3.2)	(133.5)	(63.5)	(38)	(5.6)	(9.5)	(35)	(75)	(25.4)	(51)	(28.5)	(25.4)	(25.9)
	36V9H073	Vee	9/16	0.125	5.63	2.87	1.56	0.22	0.37	1.38	2.95	1.32	2.64	1.12	1.00	1.54
	36V9H083	Reg		(3.2)	(143)	(72.9)	(39.6)	(5.6)	(9.5)	(35)	(75)	(33.5)	(67)	(28.5)	(25.4)	(39.1)
<b>3-Way / 1 on Pressure</b>																
	36V4H074	Vee	1/4	0.094	4.76	2.01	1.12	0.22	0.37	1.38	2.95	1.00	2.01	1.00	1.02	
	36V4H084	Reg		(2.3)	(121)	(51)	(28.5)	(5.6)	(9.5)	(35)	(75)	(25.4)	(51)			(25.4)
	36V6H074	Vee	3/8	0.125	4.90	2.20	1.12	0.22	0.37	1.38	2.95	1.00	2.01	1.00	1.02	
	36V6H084	Reg		(3.2)	(124.5)	(56)	(28.5)	(5.6)	(9.5)	(35)	(75)	(25.4)	(51)			(25.4)
	36V9H074	Vee	9/16	0.125	5.20	2.44	1.12	0.22	0.37	1.38	2.95	1.32	2.64	1.00	1.54	
	36V9H084	Reg		(3.2)	(132)	(62)	(28.5)	(5.6)	(9.5)	(35)	(75)	(33.5)	(67)			(25.4)
<b>3-Way / 2-Stem Manifold</b>																
	36V4H075	Vee	1/4	0.094	8.54	3.07	1.54	0.22	0.37	1.38	2.95	1.00	2.01	1.12	1.00	1.02
	36V4H085	Reg		(2.3)	(217)	(78)	(39.1)	(5.6)	(9.5)	(35)	(75)	(25.4)	(51)	(28.5)	(25.4)	(25.9)
	36V6H075	Vee	3/8	0.125	8.72	3.25	1.63	0.22	0.37	1.38	2.95	1.00	2.01	1.12	1.00	1.02
	36V6H085	Reg		(3.2)	(221.5)	(82.5)	(41.5)	(5.6)	(9.5)	(35)	(75)	(25.4)	(51)	(28.5)	(25.4)	(25.9)
	36V9H075	Vee	9/16	0.125	9.21	3.74	1.88	0.22	0.37	1.38	2.95	1.32	2.64	1.12	1.00	1.54
	36V9H085	Reg		(3.2)	(234)	(95)	(47.8)	(5.6)	(9.5)	(35)	(75)	(33.5)	(67)	(28.5)	(25.4)	(39.1)
<b>2-Way Angle / Replaceable Seat</b>																
	36V4H872	Vee	1/4	0.094	4.96	2.38	1.12	0.22	0.37	1.38	2.95	1.12	2.01	1.00	1.02	
	36V4H882	Reg		(2.3)	(126)	(60.5)	(28.5)	(5.6)	(9.5)	(35)	(75)	(28.5)	(51)			(25.4)
	36V6H872	Vee	3/8	0.125	4.96	2.38	1.12	0.22	0.37	1.38	2.95	1.12	2.01	1.00	1.02	
	36V6H882	Reg		(3.2)	(126)	(60.5)	(28.5)	(5.6)	(9.5)	(35)	(75)	(28.5)	(51)			(25.4)
	36V9H872	Vee	9/16	0.125	4.93	2.44	1.18	0.22	0.37	1.38	2.95	1.32	2.64	1.00	1.54	
	36V9H882	Reg		(3.2)	(125)	(62)	(30)	(5.6)	(9.5)	(35)	(75)	(33.5)	(67)			(25.4)

G - Panel mounting screw thread size 10-24 UNC (screw included). All dimensions are for reference only and are subject to change.

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Valve Pattern	Catalog Number	Stem Type	O.D. Tube in.	Orifice in. (mm)	Dimensions in. (mm)										Valve Panel Hole	Block Thickness
					A	B	C	D	E	F	H	I	J	K		
<b>2-Way Straight</b>																
	43V16M071	Vee	1	0.438 (11.1)	9.472 (240)	4.45 (113)	3.50 (88.9)	0.571 (14.5)	1.122 (28.5)	2.50 (63.5)	10.35 (263)	2.736 (69.5)	4.921 (125)	1.614 (41)	2.244 (57)	
	43V16M081	Reg														
<b>2-Way Angle</b>																
	43V16M072	Vee	1	0.438 (11.1)	4.76 (121)	5.12 (130)	1.50 (38)	0.571 (14.5)	1.122 (28.5)	2.50 (63.5)	10.35 (263)	2.431 (62.5)	4.921 (125)	1.614 (41)	2.244 (57)	
	43V16M082	Reg														
<b>3-Way / 2 on Pressure</b>																
	43V16M073	Vee	1	0.438 (11.1)	10.19 (259)	5.87 (149)	3.75 (95.3)	0.571 (14.5)	1.122 (28.5)	2.50 (63.5)	10.35 (263)	2.431 (62.5)	4.921 (125)	2.81 (71.4)	1.614 (41)	2.244 (57)
	43V16M083	Reg														
<b>3-Way / 1 on Pressure</b>																
	43V16M074	Vee	1	0.438 (11.1)	9.52 (242)	5.20 (132)	2.81 (71.4)	0.571 (14.5)	1.122 (28.5)	2.50 (63.5)	10.35 (263)	2.431 (62.5)	4.921 (125)	1.614 (41)	2.244 (57)	
	43V16M084	Reg														
<b>3-Way / 2-Stem Manifold</b>																
	43V16M075	Vee	1	0.438 (11.1)	16.18 (411)	7.52 (191)	3.76 (95.5)	0.571 (14.5)	1.122 (28.5)	2.50 (63.5)	10.35 (263)	2.431 (62.5)	4.921 (125)	2.81 (71.4)	1.614 (41)	2.244 (57)
	43V16M085	Reg														
<b>2-Way Angle / Replaceable Seat</b>																
	43V16M872	Vee	1	0.438 (11.1)	9.61 (244)	5.25 (133)	2.81 (71.4)	0.571 (14.5)	1.122 (28.5)	2.50 (63.5)	10.35 (263)	2.431 (62.5)	4.921 (125)	1.614 (41)	2.244 (57)	
	43V16M882	Reg														

G - Panel mounting screw thread size 10-24 UNC (screw included). All dimensions are for reference only and are subject to change.

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Valve Pattern	Catalog Number	Stem Type	O.D. Tube in.	Orifice in. (mm)	Dimensions in. (mm)										Valve Panel Hole	Block Thickness
					A	B	C	D	E	F	H	I	J	K		
<b>2-Way Straight</b>																
	65V4H071	Vee	1/4	0.062	4.67	2.13	1.69	0.22	0.37	1.38	2.95	1.32	2.01	1.00	1.02	
	65V4H081	Reg		(1.6)	(118.6)	(54.1)	(43)	(5.6)	(9.5)	(35)	(75)	(33.5)	(51)			(25.4)
	65V6H071	Vee	3/8	0.062	4.80	2.24	1.69	0.22	0.37	1.38	2.95	1.32	2.01	1.00	1.02	
	65V6H081	Reg		(1.6)	(122)	(56.9)	(43)	(5.6)	(9.5)	(35)	(75)	(33.5)	(51)			(25.4)
	65V9H071	Vee	9/16	0.078	5.04	2.50	1.75	0.22	0.37	1.38	2.95	1.30	2.64	1.00	1.54	
	65V9H081	Reg		(2)	(128)	(63.5)	(44.5)	(5.6)	(9.5)	(35)	(75)	(33)	(67)			(25.4)
<b>2-Way Angle</b>																
	65V4H072	Vee	1/4	0.062	4.96	2.38	1.34	0.22	0.37	1.38	2.95	1.00	2.01	1.00	1.02	
	65V4H082	Reg		(1.6)	(126)	(60.5)	(34)	(5.6)	(9.5)	(35)	(75)	(25.4)	(51)			(25.4)
	65V6H072	Vee	3/8	0.062	5.16	2.62	1.32	0.22	0.37	1.38	2.95	1.00	2.01	1.00	1.02	
	65V6H082	Reg		(1.6)	(131)	(66.5)	(33.5)	(5.6)	(9.5)	(35)	(75)	(25.4)	(51)			(25.4)
	65V9H072	Vee	9/16	0.078	5.35	2.80	1.32	0.22	0.37	1.38	2.95	1.32	2.64	1.00	1.54	
	65V9H082	Reg		(2)	(136)	(71.1)	(33.5)	(5.6)	(9.5)	(35)	(75)	(33.5)	(67)			(25.4)
<b>3-Way / 2 on Pressure</b>																
	65V4H073	Vee	1/4	0.062	4.96	2.38	1.69	0.22	0.37	1.38	2.95	1.00	2.01	1.12	1.00	1.02
	65V4H083	Reg		(1.6)	(126)	(60.5)	(43)	(5.6)	(9.5)	(35)	(75)	(25.4)	(51)	(28.5)	(25.4)	(25.9)
	65V6H073	Vee	3/8	0.062	5.33	2.76	1.69	0.22	0.37	1.38	2.95	1.00	2.01	1.12	1.00	1.02
	65V6H083	Reg		(1.6)	(133.5)	(70.1)	(43)	(5.6)	(9.5)	(35)	(75)	(25.4)	(51)	(28.5)	(25.4)	(25.9)
	65V9H073	Vee	9/16	0.078	5.71	3.15	1.75	0.22	0.37	1.38	2.95	1.32	2.64	1.12	1.00	1.54
	65V9H083	Reg		(2)	(145)	(80)	(44.5)	(5.6)	(9.5)	(35)	(75)	(33.5)	(67)	(28.5)	(25.4)	(39.1)
<b>3-Way / 1 on Pressure</b>																
	65V4H074	Vee	1/4	0.062	4.96	2.38	1.32	0.22	0.37	1.38	2.95	1.00	2.01	1.00	1.02	
	65V4H084	Reg		(1.6)	(126)	(60.5)	(33.5)	(5.6)	(9.5)	(35)	(75)	(25.4)	(51)			(25.4)
	65V6H074	Vee	3/8	0.062	5.16	2.62	1.32	0.22	0.37	1.38	2.95	1.00	2.01	1.00	1.02	
	65V6H084	Reg		(1.6)	(131)	(66.5)	(33.5)	(5.6)	(9.5)	(35)	(75)	(25.4)	(51)			(25.4)
	65V9H074	Vee	9/16	0.078	5.35	2.80	1.32	0.22	0.37	1.38	2.95	1.32	2.64	1.00	1.54	
	65V9H084	Reg		(2)	(136)	(71.1)	(33.5)	(5.6)	(9.5)	(35)	(75)	(33.5)	(67)			(25.4)
<b>3-Way / 2-Stem Manifold</b>																
	65V4H075	Vee	1/4	0.062	8.56	3.44	1.72	0.22	0.37	1.38	2.95	1.00	2.01	1.12	1.00	1.02
	65V4H085	Reg		(1.6)	(217.4)	(87.4)	(43.7)	(5.6)	(9.5)	(35)	(75)	(25.4)	(51)	(28.5)	(25.4)	(25.9)
	65V6H075	Vee	3/8	0.062	8.56	3.76	1.89	0.22	0.37	1.38	2.95	1.00	2.01	1.12	1.00	1.02
	65V6H085	Reg		(1.6)	(217.4)	(95.5)	(48)	(5.6)	(9.5)	(35)	(75)	(25.4)	(51)	(28.5)	(25.4)	(25.9)
	65V9H075	Vee	9/16	0.078	9.25	4.13	2.07	0.22	0.37	1.38	2.95	1.32	2.64	1.12	1.00	1.54
	65V9H085	Reg		(2)	(235)	(105)	(52.6)	(5.6)	(9.5)	(35)	(75)	(33.5)	(67)	(28.5)	(25.4)	(39.1)
<b>2-Way Angle / Replaceable Seat</b>																
	65V4H872	Vee	1/4	0.062	5.16	2.62	1.32	0.22	0.37	1.38	2.95	1.00	2.01	1.00	1.02	
	65V4H882	Reg		(1.6)	(131)	(66.5)	(33.5)	(5.6)	(9.5)	(35)	(75)	(25.4)	(51)			(25.4)
	65V6H872	Vee	3/8	0.062	5.16	2.62	1.32	0.22	0.37	1.38	2.95	1.00	2.01	1.00	1.02	
	65V6H882	Reg		(1.6)	(131)	(66.5)	(33.5)	(5.6)	(9.5)	(35)	(75)	(25.4)	(51)			(25.4)
	65V9H872	Vee	9/16	0.078	5.16	2.62	1.32	0.22	0.37	1.38	2.95	1.32	2.64	1.00	1.54	
	65V9H882	Reg		(2)	(131)	(66.5)	(33.5)	(5.6)	(9.5)	(35)	(75)	(33.5)	(67)			(25.4)

G - Panel mounting screw thread size 10-24 UNC (screw included). All dimensions are for reference only and are subject to change.

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# Ultra High Pressure Valves

» Pressures to 101,000 psi (7,000 bar)



Ordering Information  
Typical catalog number:  
101V5U071

## Temperature Ranges

Standard valves are supplied with Teflon/Carbon packing and may be operated to 450°F (230°C). Consult Maximator for higher temperature packing ratings.

O.D. Size in. (mm)	Connec- tion Type	Orifice Size in. (mm)	Rated Cv*	Pressure Rating @ R.T. psi (bar)**
1/4 (6.35)	4UF	0.062 (1.6)	0.09	101,000 (7,000)
5/16 (7.94)	5UF	0.062 (1.6)	0.09	101,000 (7,000)
3/8 (9.53)	6UF	0.062 (1.6)	0.09	101,000 (7,000)
9/16 (14.29)	9UF	0.062 (1.6)	0.09	101,000 (7,000)

\* Cv values shown are for 2-way straight pattern vee stem valves. For 2-way angle patterns, increase the Cv value by 50%.

\*\* See page 2 in the Technical Section for Pressure/Temperature Rating Chart.

101 V Valve Series	5U O.D. Tube Size	07 Stem Type	1 Body Pattern
101 V	4U – 1/4"	07 – VEE stem	1 – two-way straight
	5U – 5/16"		2 – two-way angle
	6U – 3/8"		3 – three-way, two on pressure
	9U – 9/16"		

Valve Pattern	Catalog Number	Stem Type	O.D. Tube in.	Orifice in. (mm)	Dimensions in. (mm)										Valve Panel Hole	Block Thickness
					A	B	C	D	E	F	H	I	J	K		
2-Way Straight																
	101V4U071	Vee	1/4	0.062 (1.6)	5.34 (135.5)	2.24 (57)	1.75 (44.5)	0.34 (8.5)	0.51 (13)	2.28 (58)	3.94 (100)		3.03 (77)	1.44 (36.5)	1.00 (25.4)	1.26 (32)
	101V5U071	Vee	5/16	0.062 (1.6)	5.34 (135.5)	2.24 (57)	1.75 (44.5)	0.34 (8.5)	0.51 (13)	2.28 (58)	3.94 (100)		3.03 (77)	1.44 (36.5)	1.00 (25.4)	1.26 (32)
	101V6U071	Vee	3/8	0.062 (1.6)	5.34 (135.5)	2.24 (57)	1.75 (44.5)	0.34 (8.5)	0.51 (13)	2.28 (58)	3.94 (100)		3.03 (77)	1.44 (36.5)	1.00 (25.4)	1.26 (32)
	101V9U071	Vee	9/16	0.062 (1.6)	5.72 (145.3)	2.64 (67)	1.79 (45.5)	0.34 (8.5)	0.51 (13)	1.77 (45)	3.94 (100)		2.64 (67)	1.40 (35.5)	1.00 (25.4)	1.54 (39)

G - Panel mounting screw thread size 10-24 UNC (screw included). All dimensions are for reference only and are subject to change.

Products for Sour Gas Applications  
Pipe Valves & Fittings  
to 15,200 psi (1,050 bar)

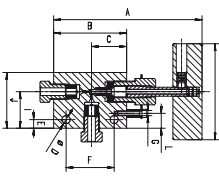
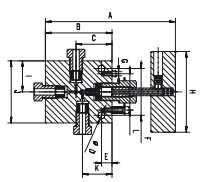
Adapters and Couplings  
Medium Pressure  
to 22,500 psi (1,550 bar)

Accessories  
High Pressure  
to 65,000 psi (4,500 bar)

Tools  
Ultra High Pressure  
to 152,000 psi (10,500 bar)

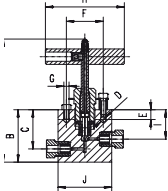
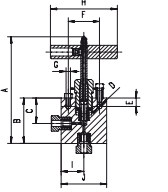
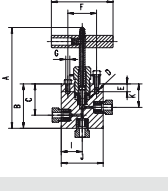
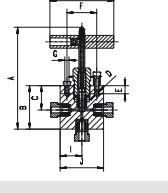
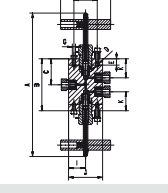
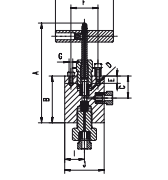
Technical Information  
Valve Actuators

Customized Solutions  
Ball Valves  
to 21,000 psi (1,500 bar)

Valve Pattern	Catalog Number	Stem Type	O.D. Tube in.	Orifice in. (mm)	Dimensions in. (mm)											Valve Panel Hole	Block Thickness
					A	B	C	D	E	F	H	I	J	K	L		
<b>2-Way Angle</b>																	
	101V4U072	Vee	1/4	0.062 (1.6)	6.12 (155.5)	3.03 (77)	1.44 (36.5)	0.34 (8.5)	0.35 (9)	1.97 (50)	3.94 (100)	1.50 (38)	2.28 (58)	0.61 (15.5)	1.00 (25.4)	1.26 (32)	
	101V5U072	Vee	5/16	0.062 (1.6)	6.12 (155.5)	3.03 (77)	1.44 (36.5)	0.34 (8.5)	0.35 (9)	1.97 (50)	3.94 (100)	1.50 (38)	2.28 (58)	0.61 (15.5)	1.00 (25.4)	1.26 (32)	
	101V6U072	Vee	3/8	0.062 (1.6)	6.12 (155.5)	3.03 (77)	1.44 (36.5)	0.34 (8.5)	0.35 (9)	1.97 (50)	3.94 (100)	1.50 (38)	2.28 (58)	0.61 (15.5)	1.00 (25.4)	1.26 (32)	
	101V9U072	Vee	9/16	0.062 (1.6)	6.05 (153.5)	2.95 (75)	1.40 (35.5)	0.34 (8.5)	0.51 (13)	1.77 (45)	3.94 (100)	1.32 (33.5)	2.64 (67)		1.00 (25.4)	1.54 (39)	
<b>3-Way / 2 on Pressure</b>																	
	101V4U073	Vee	1/4	0.062 (1.6)	6.34 (161)	3.25 (82.5)	1.75 (44.5)	0.34 (8.5)	0.51 (13)	2.28 (58)	3.94 (100)	1.52 (38.5)	3.03 (77)	1.44 (36.5)	1.77 (45)	1.00 (25.4)	1.26 (32)
	101V5U073	Vee	5/16	0.062 (1.6)	6.34 (161)	3.25 (82.5)	1.75 (44.5)	0.34 (8.5)	0.51 (13)	2.28 (58)	3.94 (100)	1.52 (38.5)	3.03 (77)	1.44 (36.5)	1.77 (45)	1.00 (25.4)	1.26 (32)
	101V6U073	Vee	3/8	0.062 (1.6)	6.34 (161)	3.25 (82.5)	1.75 (44.5)	0.34 (8.5)	0.51 (13)	2.28 (58)	3.94 (100)	1.52 (38.5)	3.03 (77)	1.44 (36.5)	1.77 (45)	1.00 (25.4)	1.26 (32)
	101V9U073	Vee	9/16	0.062 (1.6)	6.36 (161.5)	3.25 (82.5)	1.81 (46)	0.34 (8.5)	0.51 (13)	1.77 (45)	3.94 (100)	1.32 (33.5)	2.64 (67)	1.40 (35.5)		1.00 (25.4)	1.54 (39)

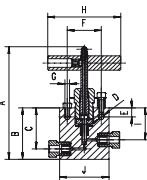
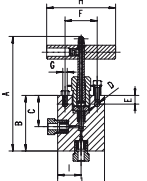
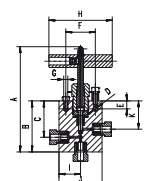
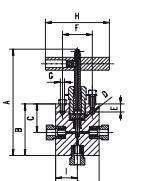
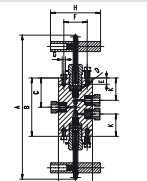
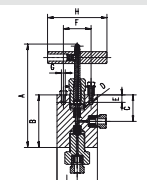
G - Panel mounting screw thread size 10-24 UNC (screw included). All dimensions are for reference only and are subject to change.



Valve Pattern	Catalog Number	Stem Type	O.D. Tube in.	Orifice in. (mm)	Dimensions in. (mm)										Valve Panel Hole	Block Thickness
					A	B	C	D	E	F	H	I	J	K		
<b>2-Way Straight</b>																
	22V4H001-SOG	Vee	1/4	0.094	4.96	2.01	1.50	0.22	0.37	1.38	2.95	1.12	2.01	1.00	1.02	
	22V4H081-SOG	Reg		(2.3)	(126)	(51)	(38)	(5.6)	(9.5)	(35)	(75)	(28.5)	(51)			(25.4)
	22V6H001-SOG	Vee	3/8	0.125	4.96	2.01	1.50	0.22	0.37	1.38	2.95	1.12	2.01	1.00	1.02	
	22V6H081-SOG	Reg		(3.2)	(126)	(51)	(38)	(5.6)	(9.5)	(35)	(75)	(28.5)	(51)			(25.4)
	22V9H001-SOG	Vee	9/16	0.125	5.00	2.44	1.56	0.22	0.37	1.38	2.95	1.12	2.64	1.00	1.54	
	22V9H001-SOG	Reg		(3.2)	(127)	(62)	(39.6)	(5.6)	(9.5)	(35)	(75)	(28.5)	(57)			(25.4)
<b>2-Way Angle</b>																
	22V4H002-SOG	Vee	1/4	0.094	4.96	2.01	1.12	0.22	0.37	1.38	2.95	1.00	2.01	1.00	1.02	
	22V4H082-SOG	Reg		(2.3)	(126)	(51)	(28.5)	(5.6)	(9.5)	(35)	(75)	(25.4)	(51)			(25.4)
	22V6H002-SOG	Vee	3/8	0.125	4.78	2.20	1.10	0.22	0.37	1.38	2.95	1.00	2.01	1.00	1.02	
	22V6H082-SOG	Reg		(3.2)	(121.5)	(56)	(28)	(5.6)	(9.5)	(35)	(75)	(25.4)	(51)			(25.4)
	22V9H002-SOG	Vee	9/16	0.125	5.00	2.44	1.12	0.22	0.37	1.38	2.95	1.32	2.64	1.00	1.54	
	22V9H082-SOG	Reg		(3.2)	(127)	(62)	(28.5)	(5.6)	(9.5)	(35)	(75)	(33.5)	(57)			(25.4)
<b>3-Way / 2 on Pressure</b>																
	22V4H003-SOG	Vee	1/4	0.094	4.96	2.13	1.50	0.22	0.37	1.38	2.95	1.00	2.01	1.12	1.00	1.02
	22V4H083-SOG	Reg		(2.3)	(119.1)	(54.1)	(38)	(5.6)	(9.5)	(35)	(75)	(25.4)	(51)	(28.5)	(25.4)	(25.9)
	22V6H003-SOG	Vee	3/8	0.125	5.08	2.50	1.50	0.22	0.37	1.38	2.95	1.00	2.01	1.12	1.00	1.02
	22V6H083-SOG	Reg		(3.2)	(129)	(63.5)	(38)	(5.6)	(9.5)	(35)	(75)	(25.4)	(51)	(28.5)	(25.4)	(25.9)
	22V9H003-SOG	Vee	9/16	0.125	5.45	2.87	1.56	0.22	0.37	1.38	2.95	1.32	2.64	1.12	1.00	1.54
	22V9H083-SOG	Reg		(3.2)	(138.5)	(72.9)	(39.5)	(5.6)	(9.5)	(35)	(75)	(33.5)	(67)	(28.5)	(25.4)	(39.1)
<b>3-Way / 1 on Pressure</b>																
	22V4H004-SOG	Vee	1/4	0.094	4.96	2.01	1.12	0.22	0.37	1.38	2.95	1.00	2.01	1.00	1.02	
	22V4H084-SOG	Reg		(2.3)	(126)	(51)	(28.5)	(5.6)	(9.5)	(35)	(75)	(25.4)	(51)			(25.4)
	22V6H004-SOG	Vee	3/8	0.125	4.76	2.20	1.12	0.22	0.37	1.38	2.95	1.00	2.01	1.00	1.02	
	22V6H084-SOG	Reg		(3.2)	(121)	(56)	(28.5)	(5.6)	(9.5)	(35)	(75)	(25.4)	(51)			(25.4)
	22V9H004-SOG	Vee	9/16	0.125	5.00	2.44	1.12	0.22	0.37	1.38	2.95	1.32	2.64	1.00	1.54	
	22V9H084-SOG	Reg		(3.2)	(127)	(62)	(28.5)	(5.6)	(9.5)	(35)	(75)	(33.5)	(67)			(25.4)
<b>3-Way / 2-Stem Manifold</b>																
	22V4H005-SOG	Vee	1/4	0.094	8.23	3.07	1.54	0.22	0.37	1.38	2.95	1.00	2.01	1.12	1.00	1.02
	22V4H085-SOG	Reg		(2.3)	(209)	(78)	(39.1)	(5.6)	(9.5)	(35)	(75)	(25.4)	(51)	(28.5)	(25.4)	(25.9)
	22V6H005-SOG	Vee	3/8	0.125	8.39	3.25	1.61	0.22	0.37	1.38	2.95	1.00	2.01	1.12	1.00	1.02
	22V6H085-SOG	Reg		(3.2)	(213)	(82.5)	(40.9)	(5.6)	(9.5)	(35)	(75)	(25.4)	(51)	(28.5)	(25.4)	(25.9)
	22V9H005-SOG	Vee	9/16	0.125	8.90	3.74	1.88	0.22	0.37	1.38	2.95	1.32	2.64	1.12	1.00	1.54
	22V9H085-SOG	Reg		(3.2)	(226)	(95)	(47.8)	(5.6)	(9.5)	(35)	(75)	(33.5)	(67)	(28.5)	(25.4)	(39.1)
<b>2-Way Angle / Replaceable Seat</b>																
	22V4H802-SOG	Vee	1/4	0.094	4.96	2.38	1.12	0.22	0.37	1.38	2.95	1.00	2.01	1.00	1.02	
	22V4H882-SOG	Reg		(2.3)	(126)	(60.5)	(28.5)	(5.6)	(9.5)	(35)	(75)	(25.4)	(51)			(25.4)
	22V6H802-SOG	Vee	3/8	0.125	4.96	2.38	1.12	0.22	0.37	1.38	2.95	1.00	2.01	1.00	1.02	
	22V6H882-SOG	Reg		(3.2)	(126)	(60.5)	(28.5)	(5.6)	(9.5)	(35)	(75)	(25.4)	(51)			(25.4)
	22V9H802-SOG	Vee	9/16	0.125	5.00	2.44	1.18	0.22	0.37	1.38	2.95	1.32	2.64	1.00	1.54	
	22V9H882-SOG	Reg		(3.2)	(127)	(62)	(30)	(5.6)	(9.5)	(35)	(75)	(33.5)	(57)			(25.4)

G - Panel mounting screw thread size 10-24 UNC (screw included). All dimensions are for reference only and are subject to change.

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Valve Pattern	Catalog Number	Stem Type	O.D. Tube in.	Orifice in. (mm)	Dimensions in. (mm)										Valve Panel Hole	Block Thickness
					A	B	C	D	E	F	H	I	J	K		
<b>2-Way Straight</b>																
	30V4H001-SOG	Vee	1/4	0.062	4.67	2.13	1.96	0.22	0.37	1.38	2.95	1.32	2.01		1.00	1.02
	30V4H081-SOG	Reg		(1.6)	(118.6)	(54.1)	(43)	(5.6)	(9.5)	(35)	(75)	(33.5)	(51)		(25.4)	(25.9)
	30V6H001-SOG	Vee	3/8	0.062	4.80	2.24	1.96	0.22	0.37	1.38	2.95	1.32	2.01		1.00	1.02
	30V6H081-SOG	Reg		(1.6)	(122)	(56.9)	(43)	(5.6)	(9.5)	(35)	(75)	(33.5)	(51)		(25.4)	(25.9)
	30V9H001-SOG	Vee	9/16	0.078	5.04	2.50	1.75	0.22	0.37	1.38	2.95	1.30	2.64		1.00	1.54
	30V9H081-SOG	Reg		(2)	(128)	(63.5)	(44.5)	(5.6)	(9.5)	(35)	(75)	(33)	(57)		(25.4)	(39.1)
<b>2-Way Angle</b>																
	30V4H002-SOG	Vee	1/4	0.062	4.96	2.38	1.34	0.22	0.37	1.38	2.95	1.00	2.01		1.00	1.02
	30V4H082-SOG	Reg		(1.6)	(126)	(60.5)	(34)	(5.6)	(9.5)	(35)	(75)	(25.4)	(51)		(25.4)	(25.9)
	30V6H002-SOG	Vee	3/8	0.062	5.16	2.62	1.32	0.22	0.37	1.38	2.95	1.00	2.01		1.00	1.02
	30V6H082-SOG	Reg		(1.6)	(131)	(66.5)	(33.5)	(5.6)	(9.5)	(35)	(75)	(25.4)	(51)		(25.4)	(25.9)
	30V9H002-SOG	Vee	9/16	0.078	5.35	2.80	1.32	0.22	0.37	1.38	2.95	1.32	2.64		1.00	1.54
	30V9H082-SOG	Reg		(2)	(136)	(71.1)	(33.5)	(5.6)	(9.5)	(35)	(75)	(33.5)	(57)		(25.4)	(39.1)
<b>3-Way / 2 on Pressure</b>																
	30V4H003-SOG	Vee	1/4	0.062	4.96	2.38	1.69	0.22	0.37	1.38	2.95	1.00	2.01	1.32	1.00	1.02
	30V4H083-SOG	Reg		(1.6)	(126)	(60.5)	(43)	(5.6)	(9.5)	(35)	(75)	(25.4)	(51)	(33.5)	(25.4)	(25.9)
	30V6H003-SOG	Vee	3/8	0.062	5.31	2.76	1.69	0.22	0.37	1.38	2.95	1.00	2.01	1.32	1.00	1.02
	30V6H083-SOG	Reg		(1.6)	(134.9)	(70.1)	(43)	(5.6)	(9.5)	(35)	(75)	(25.4)	(51)	(33.5)	(25.4)	(25.9)
	30V9H003-SOG	Vee	9/16	0.078	5.71	3.15	1.75	0.22	0.37	1.38	2.95	1.32	2.64	1.30	1.00	1.54
	30V9H083-SOG	Reg		(2)	(145)	(80)	(44.5)	(5.6)	(9.5)	(35)	(75)	(33.5)	(67)	(33)	(25.4)	(39.1)
<b>3-Way / 1 on Pressure</b>																
	30V4H004-SOG	Vee	1/4	0.062	4.96	2.38	1.32	0.22	0.37	1.38	2.95	1.00	2.01		1.00	1.02
	30V4H084-SOG	Reg		(1.6)	(126)	(60.5)	(33.5)	(5.6)	(9.5)	(35)	(75)	(25.4)	(51)		(25.4)	(25.9)
	30V6H004-SOG	Vee	3/8	0.062	5.16	2.62	1.32	0.22	0.37	1.38	2.95	1.00	2.01		1.00	1.02
	30V6H084-SOG	Reg		(1.6)	(131)	(66.5)	(33.5)	(5.6)	(9.5)	(35)	(75)	(25.4)	(51)		(25.4)	(25.9)
	30V9H004-SOG	Vee	9/16	0.078	5.35	2.80	1.32	0.22	0.37	1.38	2.95	1.32	2.64		1.00	1.54
	30V9H084-SOG	Reg		(2)	(136)	(71.1)	(33.5)	(5.6)	(9.5)	(35)	(75)	(33.5)	(67)		(25.4)	(39.1)
<b>3-Way / 2-Stem Manifold</b>																
	30V4H005-SOG	Vee	1/4	0.062	8.56	3.44	1.72	0.22	0.37	1.38	2.95	1.00	2.01	1.32	1.00	1.02
	30V4H085-SOG	Reg		(1.6)	(217.4)	(87.4)	(43.7)	(5.6)	(9.5)	(35)	(75)	(25.4)	(51)	(33.5)	(25.4)	(25.9)
	30V6H005-SOG	Vee	3/8	0.062	8.56	3.76	1.89	0.22	0.37	1.38	2.95	1.00	2.01	1.32	1.00	1.02
	30V6H085-SOG	Reg		(1.6)	(217.4)	(95.5)	(48)	(5.6)	(9.5)	(35)	(75)	(25.4)	(51)	(33.5)	(25.4)	(25.9)
	30V9H005-SOG	Vee	9/16	0.078	9.25	4.13	2.07	0.22	0.37	1.38	2.95	1.32	2.64	1.30	1.00	1.54
	30V9H085-SOG	Reg		(2)	(235)	(105)	(52.6)	(5.6)	(9.5)	(35)	(75)	(33.5)	(67)	(33)	(25.4)	(39.1)
<b>2-Way Angle / Replaceable Seat</b>																
	30V4H802-SOG	Vee	1/4	0.062	5.16	2.62	1.32	0.22	0.37	1.38	2.95	1.00	2.01		1.00	1.02
	30V4H882-SOG	Reg		(1.6)	(131)	(66.5)	(33.5)	(5.6)	(9.5)	(35)	(75)	(25.4)	(51)		(25.4)	(25.9)
	30V6H802-SOG	Vee	3/8	0.062	5.16	2.62	1.32	0.22	0.37	1.38	2.95	1.00	2.01		1.00	1.02
	30V6H882-SOG	Reg		(1.6)	(131)	(66.5)	(33.5)	(5.6)	(9.5)	(35)	(75)	(25.4)	(51)		(25.4)	(25.9)
	30V9H802-SOG	Vee	9/16	0.078	5.16	2.62	1.32	0.22	0.37	1.38	2.95	1.32	2.64		1.00	1.54
	30V9H882-SOG	Reg		(2)	(131)	(66.5)	(33.5)	(5.6)	(9.5)	(35)	(75)	(33.5)	(57)		(25.4)	(39.1)

G - Panel mounting screw thread size 10-24 UNC (screw included). All dimensions are for reference only and are subject to change.

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