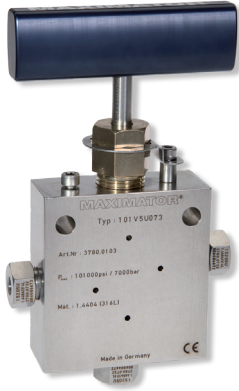


Ultra High Pressure Valves

Pressures to 101,000 psi



O.D. Size (in.)	Connection Type	Orifice Size (in.)	Rated Cv*	Pressure/Temp. Rating (psi @ R.T.)**
1/4	4UF	0.062	0.09	101,000
5/16	5UF	0.062	0.09	101,000
3/8	6UF	0.062	0.09	101,000
9/16	9UF	0.062	0.09	101,000

* 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.

Ordering Information

Typical catalog number: **101V5U071**

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

Temperature Ranges

Standard valves are supplied with Teflon/Carbon packing and may be operated to 450°F. Consult **MAXPRO** for higher temperature packing ratings.

Valve Pattern	Catalog Number	Stem type	O.D. Tube (in.)	Orifice (in.)	Dimensions (in.)										Valve Panel Hole	Block Thickness	
					A	B	C	D	E	F	H	I	J	K			L
2-Way Straight																	
	101V4U071	Vee	1/4	0.062	5.34	2.24	1.75	0.34	0.51	2.28	3.94		3.03	1.44		1.00	1.26
	101V5U071	Vee	5/16	0.062	5.34	2.24	1.75	0.33	0.51	2.28	3.94		3.03	1.44		1.00	1.26
	101V6U071	Vee	3/8	0.062	5.34	2.24	1.75	0.34	0.51	2.24	3.94		3.03	1.44		1.00	1.26
	101V9U071	Vee	9/16	0.062	5.72	2.64	1.79	0.34	0.51	1.77	3.94		2.64	1.40		1.00	1.54
2-Way Angle																	
	101V4U072	Vee	1/4	0.062	6.12	3.03	1.44	0.34	0.35	1.97	3.94	1.50	2.28		0.61	1.00	1.26
	101V5U072	Vee	5/16	0.062	6.12	3.03	1.44	0.34	0.35	1.97	3.94	1.50	2.28		0.61	1.00	1.26
	101V6U072	Vee	3/8	0.062	6.12	3.03	1.44	0.34	0.35	1.97	3.94	1.50	2.28		0.61	1.00	1.26
	101V9U071	Vee	9/16	0.062	6.05	2.95	1.40	0.34	0.51	1.77	3.94	1.32	2.64			1.00	1.54
3-Way / 2 on Pressure																	
	101V4U073	Vee	1/4	0.062	6.34	3.25	1.75	0.34	0.51	2.28	3.94	1.52	3.03	1.44	1.77	1.00	1.26
	101V5U073	Vee	5/16	0.062	6.34	3.25	1.75	0.34	0.51	2.28	3.94	1.52	3.03	1.44	1.77	1.00	1.26
	101V6U073	Vee	3/8	0.062	6.34	3.25	1.75	0.34	0.51	2.28	3.94	1.52	3.03	1.44	1.77	1.00	1.26
	101V9U073	Vee	9/16	0.062	6.36	3.25	1.81	0.34	0.51	1.77	3.94	1.32	2.64	1.40		1.00	1.54

G - Panel mounting screw thread size 10-24 UNC.

All dimensions are for reference only and subject to change.

All general terms and conditions of sale, including limitations of our liability, apply to all products and services sold.

MT R6 0917