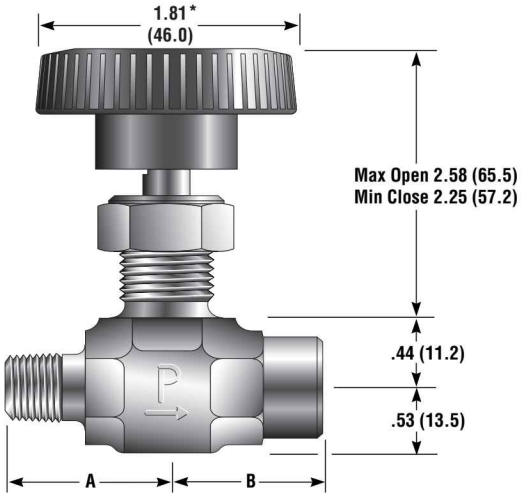
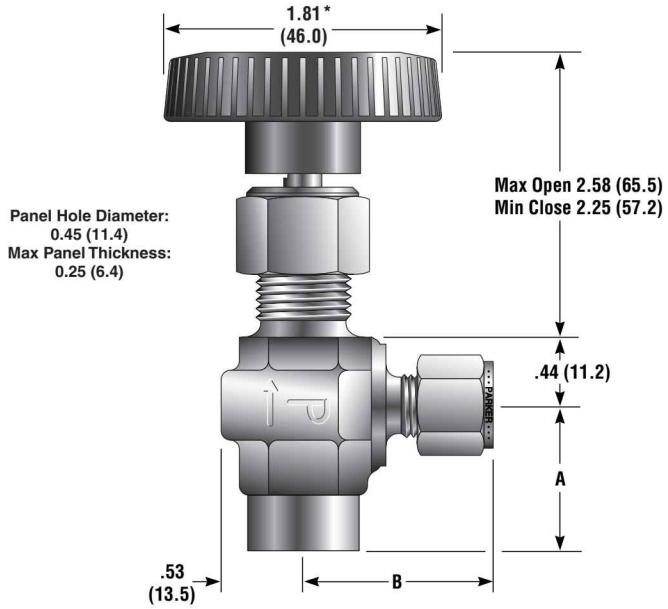
V6 Series Dimensions / Flow Data



Model Shown:
6M4F-V6LR-V-SS



Model Shown:
4F6Z-V6AK-SS

* Note: Handle diameter for K Stem V6 Series Valves is 1.38 (35.4)
( ) Denotes dimensions in millimeters

Basic Part Number		End Connections		Stem	Flow Data						Dimensions			
					Orifice		Inline		Angle		A†		B†	
Inline	Angle	Inlet (Port 1)	Outlet (Port 2)	Type	Inch	mm	C_V	X_T*	C_V	X_T*	Inch	mm	Inch	mm
4F-V6LR	4F-V6AR	1/4" Female NPT		Blunt	0.228	5.8	0.73	0.90	1.23	0.50	0.94	23.9	0.94	23.9
4F-V6LN	4F-V6AN			Needle			0.55	0.61	0.92	0.62				
4F-V6LK	4F-V6AK			PCTFE			0.80	0.87	1.23	0.56				
6A-V6LR	6A-V6AR	3/8" Compression A-LOK®		Blunt	0.228	5.8	0.73	0.90	1.23	0.50	1.29	32.8	1.29	32.8
6A-V6LN	6A-V6AN			Needle			0.55	0.61	0.92	0.62				
6A-V6LK	6A-V6AK			PCTFE			0.80	0.87	1.23	0.56				
6M-V6LR	6M-V6AR	3/8" Male NPT		Blunt	0.228	5.8	0.73	0.90	1.23	0.50	1.03	26.2	1.03	26.2
6M-V6LN	6M-V6AN			Needle			0.55	0.61	0.92	0.62				
6M-V6LK	6M-V6AK			PCTFE			0.80	0.87	1.23	0.56				
6Z-V6LR	6Z-V6AR	3/8" Compression CPI™		Blunt	0.228	5.8	0.73	0.90	1.23	0.50	1.29	32.8	1.29	32.8
6Z-V6LN	6Z-V6AN			Needle			0.55	0.61	0.92	0.62				
6Z-V6LK	6Z-V6AK			PCTFE			0.80	0.87	1.23	0.56				
8A-V6LR	8A-V6AR	1/2" Compression A-LOK®		Blunt	0.228	5.8	0.73	0.90	1.23	0.50	1.40	35.6	1.40	35.6
8A-V6LN	8A-V6AN			Needle			0.55	0.61	0.92	0.62				
8A-V6LK	8A-V6AK			PCTFE			0.80	0.87	1.23	0.56				
8Z-V6LR	8Z-V6AR	1/2" Compression CPI™		Blunt	0.228	5.8	0.73	0.90	1.23	0.50	1.40	35.6	1.40	35.6
8Z-V6LN	8Z-V6AN			Needle			0.55	0.61	0.92	0.62				
8Z-V6LK	8Z-V6AK			PCTFE			0.80	0.87	1.23	0.56				
M10A-V6LR	M10A-V6AR	10mm Compression A-LOK®		Blunt	0.228	5.8	0.73	0.90	1.23	0.50	1.30	33.0	1.30	33.0
M10A-V6LN	M10A-V6AN			Needle			0.55	0.61	0.92	0.62				
M10A-V6LK	M10A-V6AK			PCTFE			0.80	0.87	1.23	0.56				
M10Z-V6LR	M10Z-V6AR	10mm Compression CPI™		Blunt	0.228	5.8	0.73	0.90	1.23	0.50	1.30	33.0	1.30	33.0
M10Z-V6LN	M10Z-V6AN			Needle			0.55	0.61	0.92	0.62				
M10Z-V6LK	M10Z-V6AK			PCTFE			0.80	0.87	1.23	0.56				

* Tested in accordance with ISA S75.02. Gas flow will be choked when $P_1 - P_2 / P_1 = X_T$.
† For CPI™ and A-LOK®, dimensions are measured with nuts in the finger tight position.

Dimensions in inches/millimeters are for reference only, subject to change.

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