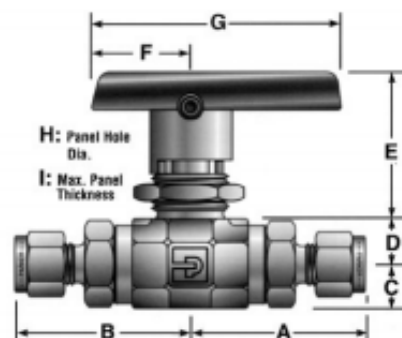


Dimensions & Flow Data

Model Shown:
4A-B6LJ-SSP

Part Size	Basic Part #	Flow Data				End Connections		Dimensions Inches (mm)								
		Orifice Inch	mm	Cv	X _T *	Part 1	Part 2	A†	B†	C	D	E	F	G	H	I
1A	S2L	0.052	1.3	0.06	0.45	1/16" A-LOK*	1/16" CPI™	1.30	1.30	0.33 (8.4)	0.33 (8.4)	0.94 (23.9)	0.75 (19.1)	1.88 (47.8)	0.58 (14.7)	0.13 (3.3)
1Z						1/16" A-LOK*	1/16" CPI™	(33.0)	(33.0)							
2A		1/8" A-LOK*	1/8" CPI™	1.36	1.36											
2Z		1/8" A-LOK*	1/8" CPI™	(34.5)	(34.5)											
2F	S2L	0.165	4.2	0.93	0.43	1/8" Female NPT	1/8" Male NPT	1.07	1.07	0.33 (8.4)	0.33 (8.4)	0.94 (23.9)	0.75 (19.1)	1.88 (47.8)	0.58 (14.7)	0.13 (3.3)
2M						1/8" Female NPT	1/8" Male NPT	(27.2)	(27.2)							
4A		1/4" A-LOK*	1/4" CPI™	1.48	1.48											
4Z		1/4" A-LOK*	1/4" CPI™	(37.8)	(37.8)											
4M	S2L	0.165	4.2	0.93	0.43	1/4" Male NPT	1/4" UltraSeal	1.35	1.35	0.33 (8.4)	0.33 (8.4)	0.94 (23.9)	0.75 (19.1)	1.88 (47.8)	0.58 (14.7)	0.13 (3.3)
M3A						3mm A-LOK*	3mm CPI™	1.37	1.37							
M3Z		3mm A-LOK*	3mm CPI™	(34.8)	(34.8)											
4A		1/4" A-LOK*	1/4" CPI™	1.74	1.74											
4Z	S6L	0.187	4.7	1.04	0.42	1/2" Female NPT	1/2" Male NPT	1.51	1.51	0.42 (10.7)	0.47 (11.9)	1.53 (38.9)	1.00 (25.4)	2.50 (63.5)	0.77 (19.6)	0.25 (6.4)
4F						1/2" Female NPT	1/2" Male NPT	(38.4)	(38.4)							
4M		1/2" Female NPT	1/2" UltraSeal	1.82	1.82											
4D		1/2" Female NPT	1/2" UltraSeal	(41.1)	(41.1)											
4V	S6L	0.250	6.4	2.34	0.29	1/4" UltraSeal	1/4" VacoSeal	1.51	1.51	0.42 (10.7)	0.47 (11.9)	1.53 (38.9)	1.00 (25.4)	2.50 (63.5)	0.77 (19.6)	0.25 (6.4)
4V						1/4" UltraSeal	1/4" VacoSeal	(38.4)	(38.4)							
6A		3/8" A-LOK*	3/8" CPI™	1.75	1.75											
6Z		3/8" A-LOK*	3/8" CPI™	(44.5)	(44.5)											
6M	S6L	0.250	6.4	2.34	0.29	3/8" Male NPT	3/8" UltraSeal	1.62	1.62	0.42 (10.7)	0.47 (11.9)	1.53 (38.9)	1.00 (25.4)	2.50 (63.5)	0.77 (19.6)	0.25 (6.4)
6M						3/8" Male NPT	3/8" UltraSeal	(41.1)	(41.1)							
6D		3/8" Male NPT	3/8" UltraSeal	1.51	1.51											
M6A		6mm A-LOK*	6mm CPI™	(38.4)	(38.4)											
M6Z	S6L	0.187	4.7	1.04	0.42	6mm A-LOK*	6mm CPI™	1.75	1.75	0.42 (10.7)	0.47 (11.9)	1.53 (38.9)	1.00 (25.4)	2.50 (63.5)	0.77 (19.6)	0.25 (6.4)
M6A						6mm A-LOK*	6mm CPI™	(44.5)	(44.5)							
M6Z		6mm A-LOK*	6mm CPI™	1.78	1.78											
M6A		6mm A-LOK*	6mm CPI™	(45.2)	(45.2)											
M10A	S8L	0.250	6.4	2.34	0.42	10mm A-LOK*	10mm CPI™	1.81	1.81	0.69 (17.5)	0.70 (17.8)	1.74 (44.2)	1.50 (38.1)	4.00 (101.6)	0.90 (22.9)	0.38 (9.7)
M10A						10mm A-LOK*	10mm CPI™	(46.0)	(46.0)							
M10Z		10mm A-LOK*	10mm CPI™	1.95	1.95											
M10Z		10mm A-LOK*	10mm CPI™	(49.5)	(49.5)											
8F	S8L	0.406	10.3	6.42	0.37	3/8" Female NPT	1/2" Female NPT	2.15	2.15	0.69 (17.5)	0.70 (17.8)	1.74 (44.2)	1.50 (38.1)	4.00 (101.6)	0.90 (22.9)	0.38 (9.7)
8F						3/8" Female NPT	1/2" Female NPT	(54.8)	(54.8)							
8A		1/2" A-LOK*	1/2" CPI™	2.34	2.34											
8Z		1/2" A-LOK*	1/2" CPI™	(59.4)	(59.4)											
8M	S8L	0.406	10.3	6.42	0.37	1/2" Male NPT	1/2" UltraSeal	2.22	2.22	0.69 (17.5)	0.70 (17.8)	1.74 (44.2)	1.50 (38.1)	4.00 (101.6)	0.90 (22.9)	0.38 (9.7)
8M						1/2" Male NPT	1/2" UltraSeal	(56.4)	(56.4)							
8D		1/2" Male NPT	1/2" UltraSeal	1.92	1.92											
8D		1/2" Male NPT	1/2" UltraSeal	(48.8)	(48.8)											
8V	S8L	0.406	10.3	6.42	0.37	1/2" VacoSeal	3/4" A-LOK*	2.21	2.21	0.69 (17.5)	0.70 (17.8)	1.74 (44.2)	1.50 (38.1)	4.00 (101.6)	0.90 (22.9)	0.38 (9.7)
8V						1/2" VacoSeal	3/4" A-LOK*	(56.1)	(56.1)							
12A		3/4" A-LOK*	3/4" CPI™	2.33	2.33											
12Z		3/4" A-LOK*	3/4" CPI™	(59.2)	(59.2)											
12F	S8L	0.406	10.3	6.42	0.37	3/4" Female NPT	1 1/2" Female NPT	2.25	2.25	0.69 (17.5)	0.70 (17.8)	1.74 (44.2)	1.50 (38.1)	4.00 (101.6)	0.90 (22.9)	0.38 (9.7)
12F						3/4" Female NPT	1 1/2" Female NPT	(57.1)	(57.1)							
M12A		12mm A-LOK*	12mm CPI™	2.33	2.33											
M12Z		12mm A-LOK*	12mm CPI™	(59.2)	(59.2)											
M16A	S8L	0.406	10.3	6.42	0.37	16mm A-LOK*	16mm CPI™	2.33	2.33	0.69 (17.5)	0.70 (17.8)	1.74 (44.2)	1.50 (38.1)	4.00 (101.6)	0.90 (22.9)	0.38 (9.7)
M16A						16mm A-LOK*	16mm CPI™	(59.2)	(59.2)							
M16Z	16mm A-LOK*	16mm CPI™	2.33	2.33												
M16Z	16mm A-LOK*	16mm CPI™	(59.2)	(59.2)												

* Tested in accordance with ISA S75.02. Gas flow will be choked when $P_1 - P_2 / P_1 \approx X_T$.
 † 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.

