Inline Flow Control Valves

V55 Models Port Size: 1/4 to 1-1/4



Model Shown: V55-6

- ◆ Straight-through design provides high air flow into a cylinder.
- Flow out of a cylinder can be precisely controlled. Adjustable flow can range from near zero to full flow.
- ◆ Adjustment control can be locked in position to prevent a change due to vibration.
- ◆ Three body sizes.
- ◆ NPTF port threads; optional BSPP threads.

SPECIFICATIONS

Ambient/Media Temperature:

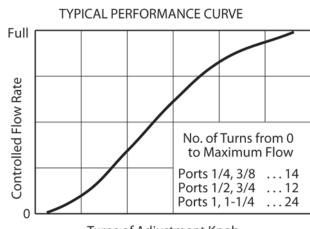
40° to 175°F (4° to 79°C).

Body: Aluminum with brass adjusting stem.

Fluid Media: Compressed air.

Inlet Pressure:

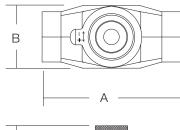
5 to 150 psig (0.3 to 10 bar) maximum.

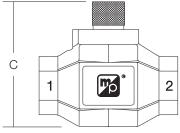


Turns of Adjustment Knob

DIMENSIONS inches (mm)

Dividition menes (mm)					
Port Size	Average C _v (Full Flow)	Α	В	С	
1/4	2.3	2.8	1.3	2.5	
3/8	2.6	(70)	(32)	(64)	
1/2	7.5	3.8	1.6	3.1	
3/4	8.3	(95)	(40)	(78)	
1	17	5.0	2.5	4.4	
1-1/4	22	(127)	(64)	(111)	





Large non-rising adjusting knob allows precise adjustment. Turn clockwise to reduce flow.

Positive locking screw prevents change of adjustment due to vibration.

Combination check poppet and metering device has high dirt tolerance.

ORDERING INFORMATION

Durable, cast-aluminum body.

Order by the model number given below.

For BSPP port threads add W to
the end of the model number.

Port Size	Average C_v (Full Flow)	Model Number
1/4	2.3	V55-2
3/8	2.6	V55-3
1/2	7.5	V55-4
3/4	8.3	V55-6
1	17	V55-8
1-1/4	22	V55-10

ISO Symbol for Flow Control Valve

