MV-14 Series

Manual PFA Stop Cock Valve

aerospace
climate control
electromechanical
filtration
fluid & gas handling
hydraulics
pneumatics
process control
sealing & shielding

Product Overview:

The MV-14 Series is designed for high purity semiconductor applications. The design has a molded high purity PFA body, and a machined PTFE stem. The press-fit stem assures a leak tight seal between it and the body during operation. The valve has a quick 1/4 turn operation and a full 1/8" orifice.

Contact Information:

Parker Hannifin Corporation
Veriflo Division
Partek Operation
7075 East Southpoint Road
Tucson, Arizona 85756

phone 520 574 2600
fax 520 574 2700

www.parker.com/partek

Product Features:

- Precision machined stem and molded high purity PFA body provides system purity.
- All components made of chemical resistant materials suitable for use in corrosive environments.
- Numerous end configurations allow direct installation, minimize connections and reduce costs.

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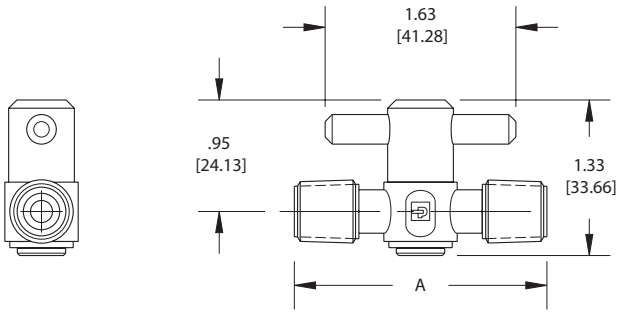
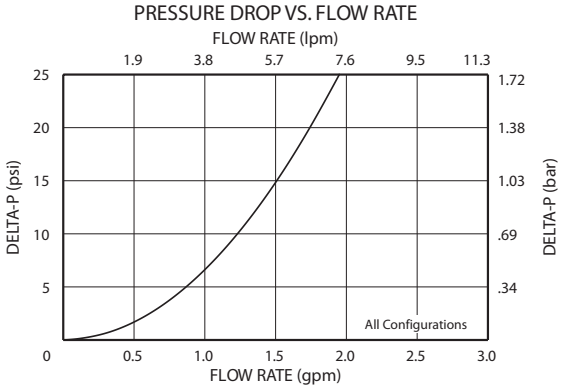
MV-14 Series

Dimensional Drawing



Flow Curve



Ordering Information

Model Number	Operation	End Size	End Type	A	
				inch	mm
MV-14-003	1/4 TURN	1/4" PARGRIP	1/4" PARGRIP	3.31	84.07
MV-14-004		1/4" PARGRIP	1/8" MNPT	2.73	69.34
MV-14-005		1/4" PARGRIP	1/4" MNPT	2.73	69.34
MV-14-006		1/4" MNPT	1/4" MNPT	2.15	54.61
MV-14-007		1/4" PARFLARE	1/4" PARFLARE	3.35	85.09
MV-14-015		1/4" PARFLARE	1/4" MNPT	2.75	69.85
MV-14-016		1/4" PARFLARE	1/4" REDI-FLARE	3.38	85.85
MV-14-018		1/8" PARGRIP	1/8" PARGRIP	2.55	64.77

Parflare models are supplied with PVDF nuts. For PFA nuts add -T to model number.

Specifications

Materials of Construction	
Wetted Options	PFA, PTFE
Non-wetted Options	PFA, PVDF
Pressure Ranges	
Ranges	0 - 60 PSIG (4.1 bar)

Temperature Ranges	
Ambient	0° - 150° F (-17° - 66° C)
Fluid	0° - 266° F (-17° - 130° C)

Pressure ranges for operation at ambient temperatures. For additional information on materials of construction, functional performance and operating conditions, please contact factory.

LitPN: MV-14 Rev: - Date of Issue 08/2011

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