

MV-6 Series

Manual PTFE Ball Valve

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

Product Overview:

The MV-6 Series is designed for semiconductor, ultra-pure water and aggressive chemical applications.

The MV-6 Series have wetted components that are made entirely of PTFE for superior chemical resistance and which also provides long life span. All valves have a full port design and a 1/4 turn operation with a low torque tee handle.



Contact Information:

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Veriflo Division

Partek Operation

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Product Features:

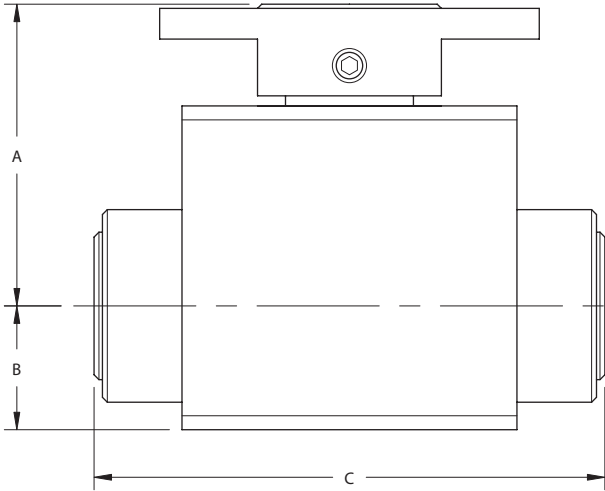
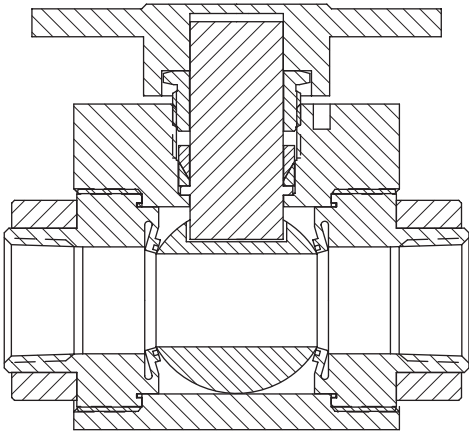
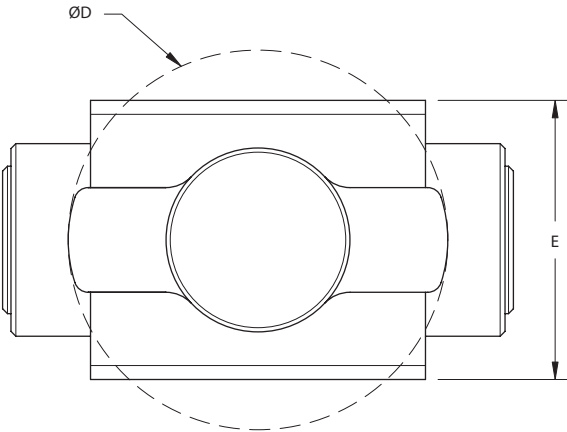
- Floating ball design without o-rings ensures bubble tight sealing at high pressures.
 - Bidirectional flow to 120 psi for liquid applications provide a high cycle life.
 - Panel mounting option is available for all sizes
- which is ideal for process instrumentation applications.
- Minimal torque operation is ideal for quick shut off when required contamination free applications.



ENGINEERING YOUR SUCCESS.

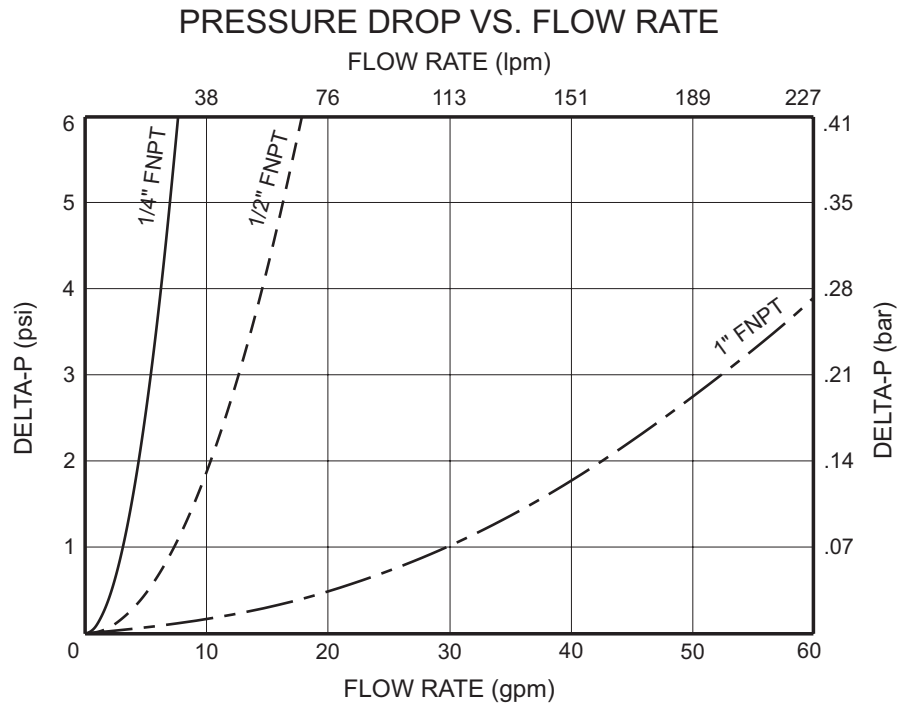
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Dimensional Drawing



MV-6 Series

Flow Curve



Ordering Information

Model Number	Operation	End Size	End Type	A		B		C		D		E	
				inch	mm	inch	mm	inch	mm	inch	mm	inch	mm
MV-6-1414-0	1/4 TURN	1/4"	FNPT	1.73	43.94	.66	16.76	2.91	73.91	1.98	50.29	1.31	33.27
MV-6-1818-0	1/4 TURN	1/2"	FNPT	2.24	56.89	.89	22.60	3.72	94.49	2.72	69.08	2.00	50.80
MV-6-116116-0	1/4 TURN	1"	FNPT	3.18	80.77	1.39	35.50	5.00	127.00	4.40	111.76	2.53	64.26

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Specifications

Materials of Construction	
Wetted Options	PTFE
Non-wetted Options	HDPE, PVDF, PVC
Pressure Ranges	
Ranges	27" HG vacuum (913 mbar) - 120 PSIG (8.3 bar)

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

Temperature Ranges	
Ambient	41° - 104° F (5° - 40° C)
Fluid	41° - 104° F (5° - 40° C)
Flow Capacity	
MV-6-1414-0	C _v 1.88
MV-6-1818-0	C _v 6.59
MV-6-116116-0	C _v 28.06

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