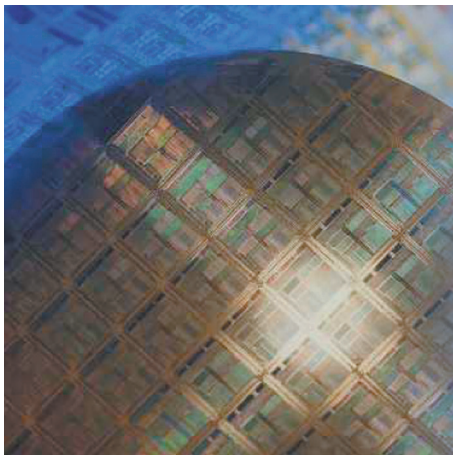
22 Series Valves

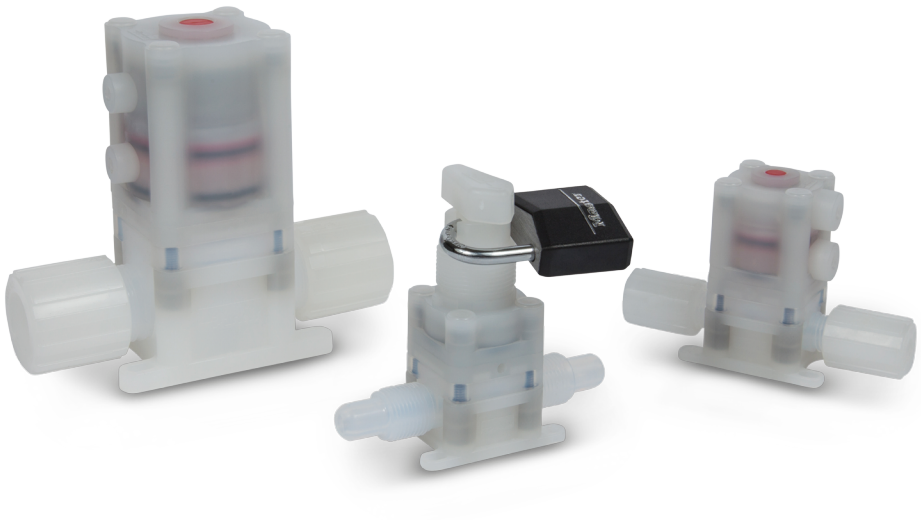
UHP Fluoropolymer Valves
1/4" and 3/8"



New!
Ultra High Purity Fluoropolymer Valves

These new ultra clean valves offer increased flow and provide better seat sealing for enhanced leak-free performance and greater safety. They are designed to deliver the highest flow in the smallest package available.

CFD software was utilized to maximize the flow through these valves. The 22 Series Valve is best suited for UHP chemicals, acids, plating, and slurry chemicals.



Contact Information:

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Product Features:

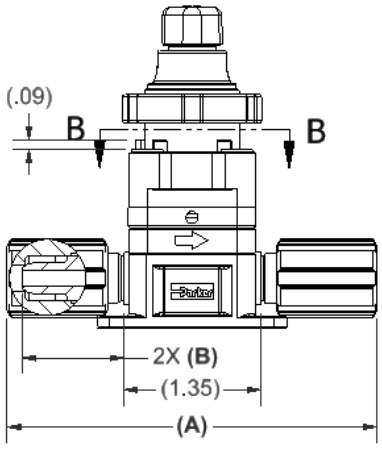
- Delivers high cycle life in acids and slurry with reduced maintenance
- Compact footprint
- Manual valve comes with a true lock-out, tag-out design
- Optimized slurry design for maximum cycle life
- Dual point seal for slurry (patent pending)
- Smooth bore, and fully swept path minimize particle entrapment areas
- High flow in small package
- 100% leak tested
- Meets SEMI-F57-0301 standards

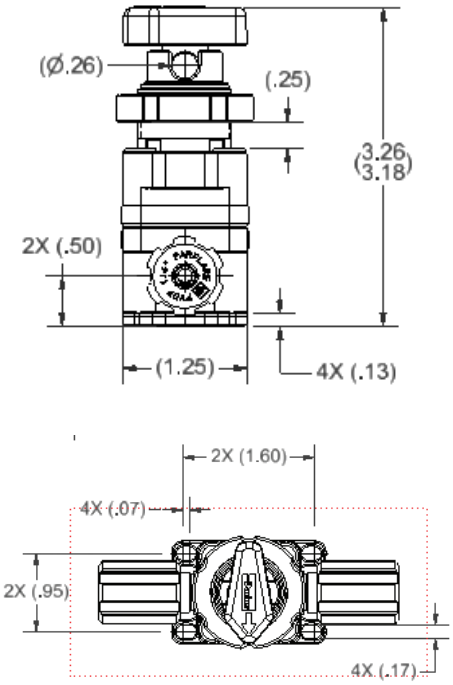
Parker Veriflo

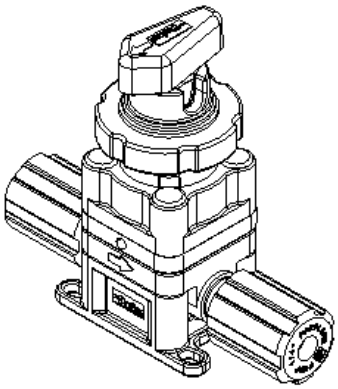
ENGINEERING YOUR SUCCESS.

22 Series Valves 1/4" and 3/8"

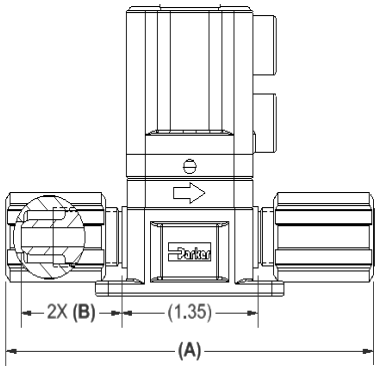
Dimensional Drawings

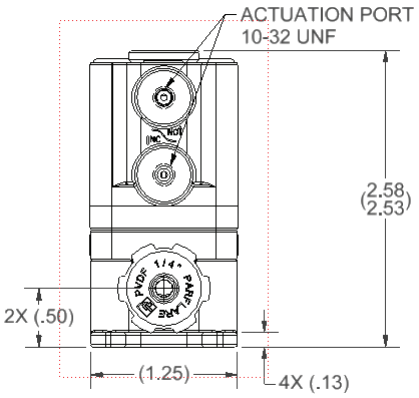


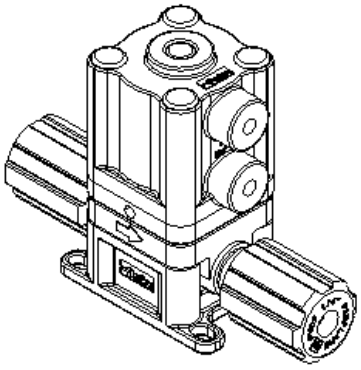


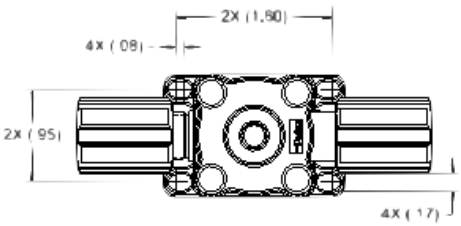


Connection	A	B
1/4" Flare	3.65	1.00
3/8" Flare	3.81	1.08









22 Series Valves 1/4" and 3/8"

Ordering Information

Build a 22 Series valve by replacing the numbered symbols with an option from the corresponding tables below.

	1	2	3	4	5	6	7	8	9	10	11
Sample:	**PV22**	**04**	**V**	**N**	**I**	**FL**	**04**	**FL**	**04**	**V**	

1 Base Model
PV22 = Pneumatic valve
MV22 = Manual valve

2 Valve Size
04 = 1/4"

3 Valve Trim Material
V = PVDF
PolyVinylidene-Fluoride

4 Valve Housing Actuator Style
N = Standard, specific to each valve size
P = Pipe 1/8-27 FNPT, specific to each valve size

5 Valve Style
0 = 2-way manual valve
1 = Normally Closed
2 = Normally Open

6 Inlet End Style
FL = Panflare

7 Inlet End Size
04 = 1/4"
06 = 3/8"

8 Outlet End Style
FL = Panflare

9 Outlet End Size
04 = 1/4"
06 = 3/8"

10 Nut Type
V = PVDF
T = PFA

11 Specials
01 = NPN Sensor
02 = PNP Sensor

**Panel mount nut sold separately*
PN-2204 = 1/4" 22 panel mount nut

Part Number	Nominal Valve Size	Valve Trim Material	Actuator Connection	Valve Type	Inlet End Style	Inlet Size	Outlet End Style	Outlet End Size	Nut Type
PV2204VN1FL04FL04T	1/4"	PVDF	10-32	Normally Closed	Flare	1/4"	Flare	1/4"	PFA
PV2204VN1FL04FL04V	1/4"	PVDF	10-32	Normally Closed	Flare	1/4"	Flare	1/4"	PVDF
PV2204VN1FL06FL06T	1/4"	PVDF	10-32	Normally Closed	Flare	3/8"	Flare	3/8"	PFA
PV2204VN1FL06FL06V	1/4"	PVDF	10-32	Normally Closed	Flare	3/8"	Flare	3/8"	PVDF
PV2204VN2FL04FL04T	1/4"	PVDF	10-32	Normally Open	Flare	1/4"	Flare	1/4"	PFA
PV2204VN2FL04FL04V	1/4"	PVDF	10-32	Normally Open	Flare	1/4"	Flare	1/4"	PVDF
PV2204VN2FL06FL06T	1/4"	PVDF	10-32	Normally Open	Flare	3/8"	Flare	3/8"	PFA
PV2204VN2FL06FL06V	1/4"	PVDF	10-32	Normally Open	Flare	3/8"	Flare	3/8"	PVDF

22 Series Valves 1/4" and 3/8"

Specifications

Materials of Construction	
Wetted	
Body	PFA
Diaphragm	Modified PTFE
Non-wetted	
Housing, Lever	PVDF
Spring	SS, Fluoropolymer coated
Screws	SS
Operating Conditions (Operating limits based upon pressure applied at inlet port.)	
Maximum Pressure	80 psig
Minimum Pressure	Vacuum
Actuation Pressure	60 to 100 psig
Media Temperature	0° to 100°C/32° to 212°F
Storage Temperature	-40° to 65°C/-40° to 150°F
Environment Temp	0°F to 120 °F

Functional Performance	
Proof Pressure	120 psig
Burst Pressure	200 psig
Flow Capacity	
1/4" Flare	0.33
3/8" Flare	0.82
Leak Rate	
Internal	No bubbles 30 sec, N2 gas
External	Bubble tight

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Part Number: 25000323 Description: 22 SERIES LITERATURE 6/16

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