

# Valve Automation - DynaMatic

## PVS2 Series

Clean Water, Air, or Light Oil Applications

3-Piece Stainless Steel Ball Valve - Pneumatic Actuated

1/4" - 1" 1500 PSI CWP • 1-1/4" - 1-1/2" 1250 PSI CWP  
2" 1000 PSI CWP • 2-1/2" - 3" 800 PSI CWP

The **DynaMatic PVS2 Series** of air actuated three-piece stainless steel ball valves offers an excellent option for automated applications where corrosion-resistant stainless steel is required. With

**Full Port  
1/4"-3"**

presized and preassembled actuation packages, selection has never been easier. ISO 5211 direct mounting provides accurate alignment and a more compact size compared to traditional actuator mounting styles. The PVS2 Series uses our AP Series pneumatic actuators in both double acting (air/air) and spring return (air/spring). The spring return models can be ordered in either the fail closed or fail open configuration. Optional direct mounted pilot solenoid valves reduce response time and allow for

efficient operation. Other common assembly options include valve position limit switches, pneumatic or electro-pneumatic positioners, and speed controls. PVS2 Series valves are presized for 80 PSI minimum air pressure and for clean water, air, or light oil applications only.

*(PLEASE CALL DynaQuip Customer Service for recommendations and actuator sizing when dirty or severe service applications are needed.)*

Pneumatic Actuator details and accessories can be found on pages 28 and 29.

- NPT Threaded Ends
- 316 Stainless Construction
- RTFE Seats
- Viton® O-Ring Stem Seals
- Adjustable Stem Packing
- Swing-Out Design for Quick Repair



Double Acting		With Double Acting Actuators	Asmb. with 115 VAC Solenoid	Asmb. with 24 VAC Solenoid	Asmb. with 24 VDC Solenoid	Asmb. with 12 VDC Solenoid
Size	Pressure PSI*	DynaQuip Model Number	DynaQuip Model Number	DynaQuip Model Number	DynaQuip Model Number	DynaQuip Model Number
1/4"	1500	PVS21AJD01	PVS21AJD01A	PVS21AJD01A2	PVS21AJD01A3	PVS21AJD01A4
3/8"	1500	PVS22AJD01	PVS22AJD01A	PVS22AJD01A2	PVS22AJD01A3	PVS22AJD01A4
1/2"	1500	PVS23AJD01	PVS23AJD01A	PVS23AJD01A2	PVS23AJD01A3	PVS23AJD01A4
3/4"	1500	PVS24AJD01	PVS24AJD01A	PVS24AJD01A2	PVS24AJD01A3	PVS24AJD01A4
1"	1500	PVS25AJD02	PVS25AJD02A	PVS25AJD02A2	PVS25AJD02A3	PVS25AJD02A4
1 1/4"	1250	PVS26AJD03	PVS26AJD03A	PVS26AJD03A2	PVS26AJD03A3	PVS26AJD03A4
1 1/2"	1250	PVS27AJD05	PVS27AJD05A	PVS27AJD05A2	PVS27AJD05A3	PVS27AJD05A4
2"	1000	PVS28AJD06	PVS28AJD06A	PVS28AJD06A2	PVS28AJD06A3	PVS28AJD06A4
2 1/2"	800	PVS29AJD08	PVS29AJD08A	PVS29AJD08A2	PVS29AJD08A3	PVS29AJD08A4
3"	800	PVS2AAJD09	PVS2AAJD09A	PVS2AAJD09A2	PVS2AAJD09A3	PVS2AAJD09A4

Fail Close		With Spring Return (FC) Actuators	Asmb. with 115 VAC Solenoid	Asmb. with 24 VAC Solenoid	Asmb. with 24 VDC Solenoid	Asmb. with 12 VDC Solenoid
Size	Pressure PSI*	DynaQuip Model Number	DynaQuip Model Number	DynaQuip Model Number	DynaQuip Model Number	DynaQuip Model Number
1/4"	1500	PVS21AJS024	PVS21AJS024A	PVS21AJS024A2	PVS21AJS024A3	PVS21AJS024A4
3/8"	1500	PVS22AJS024	PVS22AJS024A	PVS22AJS024A2	PVS22AJS024A3	PVS22AJS024A4
1/2"	1500	PVS23AJS024	PVS23AJS024A	PVS23AJS024A2	PVS23AJS024A3	PVS23AJS024A4
3/4"	1500	PVS24AJS024	PVS24AJS024A	PVS24AJS024A2	PVS24AJS024A3	PVS24AJS024A4
1"	1500	PVS25AJS034	PVS25AJS034A	PVS25AJS034A2	PVS25AJS034A3	PVS25AJS034A4
1 1/4"	1250	PVS26AJS064	PVS26AJS064A	PVS26AJS064A2	PVS26AJS064A3	PVS26AJS064A4
1 1/2"	1250	PVS27AJS075	PVS27AJS075A	PVS27AJS075A2	PVS27AJS075A3	PVS27AJS075A4
2"	1000	PVS28AJS084	PVS28AJS084A	PVS28AJS084A2	PVS28AJS084A3	PVS28AJS084A4
2 1/2"	800	PVS29AJS105	PVS29AJS105A	PVS29AJS105A2	PVS29AJS105A3	PVS29AJS105A4
3"	800	PVS2AAJS115	PVS2AAJS115A	PVS2AAJS115A2	PVS2AAJS115A3	PVS2AAJS115A4

Fail Open		With Spring Return (FO) Actuators	Asmb. with 115 VAC Solenoid	Asmb. with 24 VAC Solenoid	Asmb. with 24 VDC Solenoid	Asmb. with 12 VDC Solenoid
Size	Pressure PSI*	DynaQuip Model Number	DynaQuip Model Number	DynaQuip Model Number	DynaQuip Model Number	DynaQuip Model Number
1/4"	1500	PVS21AJS024F	PVS21AJS024FA	PVS21AJS024FA2	PVS21AJS024FA3	PVS21AJS024FA4
3/8"	1500	PVS22AJS024F	PVS22AJS024FA	PVS22AJS024FA2	PVS22AJS024FA3	PVS22AJS024FA4
1/2"	1500	PVS23AJS024F	PVS23AJS024FA	PVS23AJS024FA2	PVS23AJS024FA3	PVS23AJS024FA4
3/4"	1500	PVS24AJS024F	PVS24AJS024FA	PVS24AJS024FA2	PVS24AJS024FA3	PVS24AJS024FA4
1"	1500	PVS25AJS034F	PVS25AJS034FA	PVS25AJS034FA2	PVS25AJS034FA3	PVS25AJS034FA4
1 1/4"	1250	PVS26AJS064F	PVS26AJS064FA	PVS26AJS064FA2	PVS26AJS064FA3	PVS26AJS064FA4
1 1/2"	1250	PVS27AJS075F	PVS27AJS075FA	PVS27AJS075FA2	PVS27AJS075FA3	PVS27AJS075FA4
2"	1000	PVS28AJS084F	PVS28AJS084FA	PVS28AJS084FA2	PVS28AJS084FA3	PVS28AJS084FA4
2 1/2"	800	PVS29AJS104F	PVS29AJS104FA	PVS29AJS104FA2	PVS29AJS104FA3	PVS29AJS104FA4
3"	800	PVS2AAJS115F	PVS2AAJS115FA	PVS2AAJS115FA2	PVS2AAJS115FA3	PVS2AAJS115FA4

\*Actuator sized for 300 psid.