



PV3000 Series

Three-Way Valve and Actuator
Assemblies

Description

The PV3000 Series three-way valves are designed to provide flow control for HVAC chilled and hot water systems. The valve and actuator assemblies offer lower Cv ratings, providing the performance of a globe valve with the economy of a ball valve.

The PV3000 Series features:

- Actuators are available with a NEMA 4 (IP66) water and dust tight high protection housings
- All actuators include a standard 1/2" conduit connector
- Actuators include fast and easy manual positioning feature to position the valve without power applied
- Actuators are form-fit mounted directly to the control shaft of the valve.
- Compact size to fit in tight spaces
- Available with female threaded NPT or sweat end connections

Specifications

Static Pressure: 360 psi / -22 deg F to 250 deg F

Service: Chilled water, hot water, up to 50% Glycol

Flow Linearized: GE NORYL glass filled polymer

Body material: Forged brass ASTM B 283

End connections: Female NPT or Sweat

Stem: Brass

Stem seals: EDPM O-Rings

Ball valve: Nickel-plated brass ball or optional stainless steel

Ball seals: Reinforced Teflon seals with EDPM O-Rings

Angle of rotation: 0 to 90 degrees

Specifications subject to change without notice.

Ordering Information

Part No.	Description
PV3000 + PA2003	Ball valve, 1/2", three-way, .33 Cv, NPT + SR actuator, 26in-lb, 0/2 to 10VDC, N.O.
PV3001 + PA2003	Ball valve, 1/2", three-way, .59 Cv, NPT + SR actuator, 26in-lb, 0/2 to 10VDC, N.O.
PV3002 + PA2003	Ball valve, 1/2", three-way, 1.0 Cv, NPT + SR actuator, 26in-lb, 0/2 to 10VDC, N.O.
PV3003 + PA2003	Ball valve, 1/2", three-way, 2.4 Cv, NPT + SR actuator, 26in-lb, 0/2 to 10VDC, N.O.
PV3004 + PA2003	Ball valve, 1/2", three-way, 4.3 Cv, NPT + SR actuator, 26in-lb, 0/2 to 10VDC, N.O.
PV3005 + PA2003	Ball valve, 1/2", three-way, 8.0 Cv, FP, NPT + SR actuator, 26in-lb, 0/2 to 10VDC, N.O.
PV3006 + PA2003	Ball valve, 3/4", three-way, .40 Cv, NPT + SR actuator, 26in-lb, 0/2 to 10VDC, N.O.
PV3007 + PA2003	Ball valve, 3/4", three-way, .66 Cv, NPT + SR actuator, 26in-lb, 0/2 to 10VDC, N.O.
PV3008 + PA2003	Ball valve, 3/4", three-way, 1.3 Cv, NPT + SR actuator, 26in-lb, 0/2 to 10VDC, N.O.
PV3009 + PA2003	Ball valve, 3/4", three-way, 2.4 Cv, NPT + SR actuator, 26in-lb, 0/2 to 10VDC, N.O.
PV3010 + PA2003	Ball valve, 3/4", three-way, 3.8 Cv, NPT + SR actuator, 26in-lb, 0/2 to 10VDC, N.O.
PV3011 + PA2003	Ball valve, 3/4", three-way, 12.6 Cv, FP, NPT + SR actuator, 26in-lb, 0/2 to 10VDC, N.O.
PV3012 + PA2003	Ball valve, 1", three-way, .40 Cv, NPT + SR actuator, 26in-lb, 0/2 to 10VDC, N.O.
PV3013 + PA2003	Ball valve, 1", three-way, .65 Cv, NPT + SR actuator, 26in-lb, 0/2 to 10VDC, N.O.
PV3014 + PA2003	Ball valve, 1", three-way, 1.3 Cv, NPT + SR actuator, 26in-lb, 0/2 to 10VDC, N.O.
PV3015 + PA2003	Ball valve, 1", three-way, 2.3 Cv, NPT + SR actuator, 26in-lb, 0/2 to 10VDC, N.O.
PV3016 + PA2003	Ball valve, 1", three-way, 3.5 Cv, NPT + SR actuator, 26in-lb, 0/2 to 10VDC, N.O.
PV3017 + PA2003	Ball valve, 1", three-way, 10.0 Cv, FP, NPT + SR actuator, 26in-lb, 0/2 to 10VDC, N.O.
PV3018 + PA2003	Ball valve, 1", three-way, 8.6 Cv, NPT + SR actuator, 26in-lb, 0/2 to 10VDC, N.O.
PV3019 + PA2003	Ball valve, 1", three-way, 22.3 Cv, FP, NPT + SR actuator, 26in-lb, 0/2 to 10VDC, N.O.
PV3020 + PA2003	Ball valve, 1", three-way, 14.9 Cv, NPT + SR actuator, 26in-lb, 0/2 to 10VDC, N.O.
PV3021 + PA2003	Ball valve, 1", three-way, 4.5 Cv, NPT + SR actuator, 26in-lb, 0/2 to 10VDC, N.O.
PV3022 + PA2003	Ball valve, 1", three-way, 30.8 Cv, FP, NPT + SR actuator, 26in-lb, 0/2 to 10VDC, N.O.
PV3023 + PA2003	Ball valve, 1 1/4", three-way, 7.7 Cv, NPT + SR actuator, 26in-lb, 0/2 to 10VDC, N.O.
PV3024 + PA2003	Ball valve, 1 1/4", three-way, 19.4 Cv, FP, NPT + SR actuator, 26in-lb, 0/2 to 10VDC, N.O.
PV3025 + PA2003	Ball valve, 1 1/4", three-way, 12.7 Cv, NPT + SR actuator, 26in-lb, 0/2 to 10VDC, N.O.
PV3026 + PA2003	Ball valve, 1 1/4", three-way, 4.1 Cv, NPT + SR actuator, 26in-lb, 0/2 to 10VDC, N.O.
PV3027 + PA2003	Ball valve, 1 1/4", three-way, 8.7 Cv, NPT + SR actuator, 26in-lb, 0/2 to 10VDC, N.O.
PV3028 + PA2003	Ball valve, 1 1/4", three-way, 34.1 Cv, FP, NPT + SR actuator, 26in-lb, 0/2 to 10VDC, N.O.
PV3029 + PA2003	Ball valve, 1 1/2", three-way, 13.4 Cv, NPT + SR actuator, 26in-lb, 0/2 to 10VDC, N.O.
PV3030 + PA2003	Ball valve, 1 1/2", three-way, 4.0 Cv, NPT + SR actuator, 26in-lb, 0/2 to 10VDC, N.O.
PV3031 + PA2003	Ball valve, 1 1/2", three-way, 8.3 Cv, NPT + SR actuator, 26in-lb, 0/2 to 10VDC, N.O.
PV3032 + PA2003	Ball valve, 1 1/2", three-way, 32.0 Cv, FP, NPT + SR actuator, 26in-lb, 0/2 to 10VDC, N.O.
PV3033 + PA2003	Ball valve, 1 1/2", three-way, 23.5 Cv, NPT + SR actuator, 26in-lb, 0/2 to 10VDC, N.O.
PV3034 + PA2003	Ball valve, 1 1/2", three-way, 61.1 Cv, FP, NPT + SR actuator, 26in-lb, 0/2 to 10VDC, N.O.
PV3035 + PA2003	Ball valve, 2", three-way, 23.9 Cv, NPT + SR actuator, 26in-lb, 0/2 to 10VDC, N.O.
PV3036 + PA2003	Ball valve, 2", three-way, 56.7 Cv, FP, NPT + SR actuator, 26in-lb, 0/2 to 10VDC, N.O.
PV3037 + PA2003	Ball valve, 2", three-way, 38.2 Cv, NPT + SR actuator, 26in-lb, 0/2 to 10VDC, N.O.
PV3038 + PA2003	Ball valve, 2", three-way, 108.5 Cv, FP, NPT + SR actuator, 26in-lb, 0/2 to 10VDC, N.O.