

Valve Automation - DynaMatic

PHH2 Series

Clean Water, Air, or Light Oil Applications

Brass Ball Valve - Pneumatic Actuated

600 PSI CWP

The **DynaMatic PHH2 Series** of air actuated brass valves offers an excellent

**Full Port
1/2"-4"**

option for automated applications where economical forged brass is required. Two-piece design offers full port performance and rugged economy. With 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 PHH2 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. Valves are pre-sized 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 Female Threaded Ends
- Forged Brass Construction
- Chrome Ball Plated
- RTFE Seats, Viton® Stem Seals



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
1/2"	600	PHH23ATD01	PHH23ATD01A	PHH23ATD01A2	PHH23ATD01A3	PHH23ATD01A4
3/4"	600	PHH24ATD01	PHH24ATD01A	PHH24ATD01A2	PHH24ATD01A3	PHH24ATD01A4
1"	600	PHH25ATD02	PHH25ATD02A	PHH25ATD02A2	PHH25ATD02A3	PHH25ATD02A4
1 1/4"	600	PHH26ATD02	PHH26ATD02A	PHH26ATD02A2	PHH26ATD02A3	PHH26ATD02A4
1 1/2"	600	PHH27ATD03	PHH27ATD03A	PHH27ATD03A2	PHH27ATD03A3	PHH27ATD03A4
2"	600	PHH28ATD03	PHH28ATD03A	PHH28ATD03A2	PHH28ATD03A3	PHH28ATD03A4
3"	600	PHH2AATD05	PHH2AATD05A	PHH2AATD05A2	PHH2AATD05A3	PHH2AATD05A4
4"	600	PHH2BATD07	PHH2BATD07A	PHH2BATD07A2	PHH2BATD07A3	PHH2BATD07A4

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
1/2"	600	PHH23ATS012	PHH23ATS012A	PHH23ATS012A2	PHH23ATS012A3	PHH23ATS012A4
3/4"	600	PHH24ATS012	PHH24ATS012A	PHH24ATS012A2	PHH24ATS012A3	PHH24ATS012A4
1"	600	PHH25ATS024	PHH25ATS024A	PHH25ATS024A2	PHH25ATS024A3	PHH25ATS024A4
1 1/4"	600	PHH26ATS034	PHH26ATS034A	PHH26ATS034A2	PHH26ATS034A3	PHH26ATS034A4
1 1/2"	600	PHH27ATS054	PHH27ATS054A	PHH27ATS054A2	PHH27ATS054A3	PHH27ATS054A4
2"	600	PHH28ATS064	PHH28ATS064A	PHH28ATS064A2	PHH28ATS064A3	PHH28ATS064A4
3"	600	PHH2AATS065	PHH2AATS065A	PHH2AATS065A2	PHH2AATS065A3	PHH2AATS065A4
4"	600	PHH2BATS094	PHH2BATS094A	PHH2BATS094A2	PHH2BATS094A3	PHH2BATS094A4

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
1/2"	600	PHH23ATS012F	PHH23ATS012FA	PHH23ATS012FA2	PHH23ATS012FA3	PHH23ATS012FA4
3/4"	600	PHH24ATS012F	PHH24ATS012FA	PHH24ATS012FA2	PHH24ATS012FA3	PHH24ATS012FA4
1"	600	PHH25ATS024F	PHH25ATS024FA	PHH25ATS024FA2	PHH25ATS024FA3	PHH25ATS024FA4
1 1/4"	600	PHH26ATS054F	PHH26ATS054FA	PHH26ATS054FA2	PHH26ATS054FA3	PHH26ATS054FA4
1 1/2"	600	PHH27ATS054F	PHH27ATS054FA	PHH27ATS054FA2	PHH27ATS054FA3	PHH27ATS054FA4
2"	600	PHH28ATS074F	PHH28ATS074FA	PHH28ATS074FA2	PHH28ATS074FA3	PHH28ATS074FA4
3"	600	PHH2AATS074F	PHH2AATS074FA	PHH2AATS074FA2	PHH2AATS074FA3	PHH2AATS074FA4
4"	600	PHH2AATS094F	PHH2AATS094FA	PHH2BATS094FA2	PHH2AATS094FA3	PHH2BATS094FA4

*Actuator sized for 300 psid.