

PYHG & EYHG Series

Clean Water, Air, or Light Oil Applications

3-Way Brass Actuated Ball Valve

400 PSI CWP

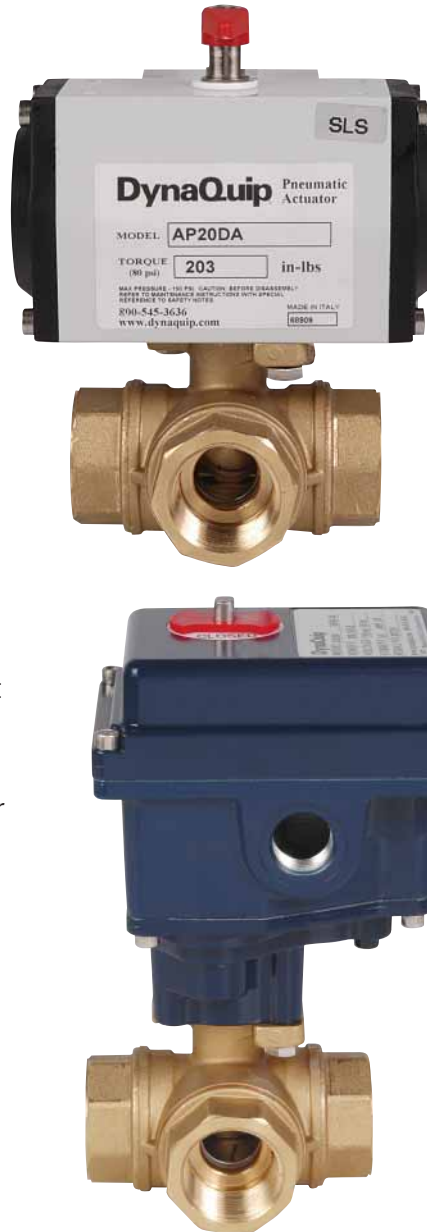
**Standard Port
1/4"-3"**

The **DynaMatic Series** of actuated ball valves offers an excellent option for the majority of automated applications. The packaged valve and actuator unit is pre-sized and

pre-assembled, taking the guesswork out of sizing and assembly. ISO 5211 direct-mount platform provides accurate alignment and a compact package without the need for clumsy brackets. Designed specifically for actuation, the ball valves have O-ring seals for lower torque and longer cycle life. Pneumatic actuated models are sized for 80 PSI air pressure minimum. Electrically actuated DynaMatic valves are available with 115VAC, 220VAC, 24VAC, 24VDC, and 12VDC. All DynaMatic models are pre-sized for clean water, air, or light oil applications. *(PLEASE CALL CUSTOMER SERVICE for recommendations regarding dirty or severe service applications, lower airline supply pressures, or other voltage requirements.)*

For Electric Actuator details and options, please refer to pages 2 and 3. For Pneumatic Actuator details and accessories, please refer to pages 4 and 5.

- NPT Threaded Ends
- Chrome-Plated Brass Ball
- RTFE Seats
- Viton® Stem Seals
- PTFE Stem Packing
- 3-Way "L" Pattern
- 90° Standard Port Diverter



Catalog Number - Pneumatically Actuated

Size	Double Acting	Fail-Closed	Fail-Open
1/4"	PYHG1AUD01	PYHG1AUS024	PYHG1AUS024F
3/8"	PYHG2AUD01	PYHG2AUS024	PYHG2AUS024F
1/2"	PYHG3AUD01	PYHG3AUS024	PYHG3AUS024F
3/4"	PYHG4AUD01	PYHG4AUS024	PYHG4AUS024F
1"	PYHG5AUD02	PYHG5AUS054	PYHG5AUS054F
1 1/4"	PYHG6AUD02	PYHG6AUS054	PYHG6AUS054F
1 1/2"	PYHG7AUD02	PYHG7AUS054	PYHG7AUS054F
2"	PYHG8AUD05	PYHG8AUS074	PYHG8AUS074F
2 1/2"	PYHG9AUD05	PYHG9AUS074	PYHG9AUS074F
3"	PYHGAAUD05	PYHGAAUS074	PYHGAAUS074F

Catalog Number - Electrically Actuated

Size	120 VAC	Low Voltage
1/4"	EYHG1AUE20	EYHG1AUE20H
3/8"	EYHG2AUE20	EYHG2AUE20H
1/2"	EYHG3AUE20	EYHG3AUE20H
3/4"	EYHG4AUE20 ⁽¹⁾	EYHG4AUE20H
1"	EYHG5AUE25 ⁽¹⁾	EYHG5AUE25H
1 1/4"	EYHG6AUE25 ⁽¹⁾	EYHG6AUE25H
1 1/2"	EYHG7AUE25 ⁽¹⁾	EYHG7AUE25H
2"	EYHG8AUE01 ⁽²⁾	EYHG8AUE01 ⁽²⁾
2 1/2"	EYHG9AUE01 ⁽²⁾	EYHG9AUE01 ⁽²⁾
3"	EYHGAAUE01 ⁽²⁾	EYHGAAUE01 ⁽²⁾

Options:

- ⁽¹⁾ Suffix "B" for 220 VAC, PH1
Suffix "H" for 12 to 24 VAC, PH1 and 12 to 24 VDC
- ⁽²⁾ Suffix "B" for 220 VAC, PH1
Suffix "C" for 24 VAC, PH1
Suffix "D" for 12 VDC
Suffix "E" for 24 VDC
Suffix "F" for 230 volt, PH3
Suffix "G" for 460 volt, PH3