

PYSA & EYSA Series

Clean Water, Air, or Light Oil Applications

3-Way Stainless Steel Actuated Ball Valve

1/2" - 1" 1000 PSI CWP
1 1/2" - 2" 800 PSI CWP

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.)*

Full Port
1/2"-2"

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
- Stainless Steel Ball and Stem
- 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
1/2"	PYSA3AJD02	PYSA3AJS044	PYSA3AJS044F
3/4"	PYSA4AJD02	PYSA4AJS054	PYSA4AJS054F
1"	PYSA5AJD05	PYSA5AJS074	PYSA5AJS074F
1 1/2"	PYSA7AJD07	PYSA7AJS094	PYSA7AJS094F
2"	PYSA8AJD08	PYSA8AJS114	PYSA8AJS114F

Catalog Number - Electrically Actuated

Size	120 VAC	Low Voltage
1/2"	EYSA3AJE20 ⁽¹⁾	EYSA3AJE20H
3/4"	EYSA4AJE25 ⁽¹⁾	EYSA4AJE25H
1"	EYSA5AJE25 ⁽¹⁾	EYSA5AJE25H
1 1/2"	EYSA7AJE01 ⁽²⁾	EYSA7AJE01 ⁽²⁾
2"	EYSA8AJE02 ⁽²⁾	EYSA8AJE02 ⁽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