

PNEUMATRON

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PX Electric Ball Valve Series ELECTRIC MOTOR - 2/2 Way BRASS BALL VALVE

PLEASE NOTE

There are Electronic Boards inside these valve actuators and therefore they cannot be mounted on vibrating surfaces or pipes. Mount them on a fixed surface and connect to the generator with rubber hoses.

SPECIFICATIONS:

Media: Water & compatible chemicals
Body & Seal: Brass & EPDM
Ball Seat: PTFE (Teflon)
Ambient temp: -20°C < t < 45°C
Media temp: 2 to 95°C
Voltages: 5VDC, AC/DC9-24V, AC110-220V

1) PXD - 5VDC

Swop Polarity Type (W21)

2) PXC & PXO (W22)

D1 - AC110/220V

D2 - AC/DC9-24V

Operating power/time: +/- 100mA for 3 to 7 seconds (depends on model no.)

PXD15BH: close and open in +/- 3 seconds

PXC25BH: close and open +/- 8 to 10 seconds

PXO25BH: close and open +/- 8 to 10 seconds

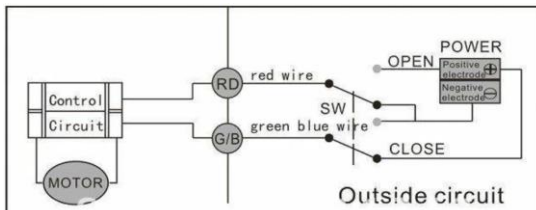


PX Electric Ball Valves are tested in a test bench for a minimum of 30 cycles before being released for sale.
 The PXC & PXO ball valve specifically have metal gears in the gearboxes.

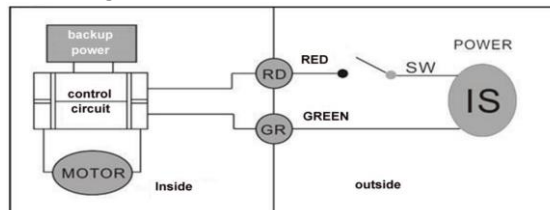
Port (BSP)	Orifice size (mm)	Function	Pressure Range	Wiring Diagram	Max Power	Part number
3/4"	15	Detent	0 to 10 Bar	W21 - wiring	<2W (5VDC)	PXD15BH15S06-W21D05
1"	25	Normally Closed	0 to 10 Bar	W22 - wiring	<2W (AC/DC)	PXC25BH25S10-W22DX
1"	25	Normally Open	0 to 10 Bar	W22 - wiring	<2W (AC/DC)	PXO25BH25S10-W22DX

Wiring options:

W21 wiring - Reverse polarity control (Detent)



W22 wiring - Auto return



Connecting SW and OPEN, valve opens, the actuator automatically powers off when valve is completely open.

Connecting SW and CLOSE, valve closes, the actuator automatically powers off when valve is completely closed.

When SW is closed, the valve will open, the actuator will automatically power off once the valve is completely open. Visa versa for Normally open.

When SW is open, the valve will close, the actuator will automatically power off once the valve is completely closed. Visa versa for Normally open.

SW - Switch
BL - Blue
WT - White
YW - Yellow
RD - Red
GR - Green
BK - Black
GY - Gray

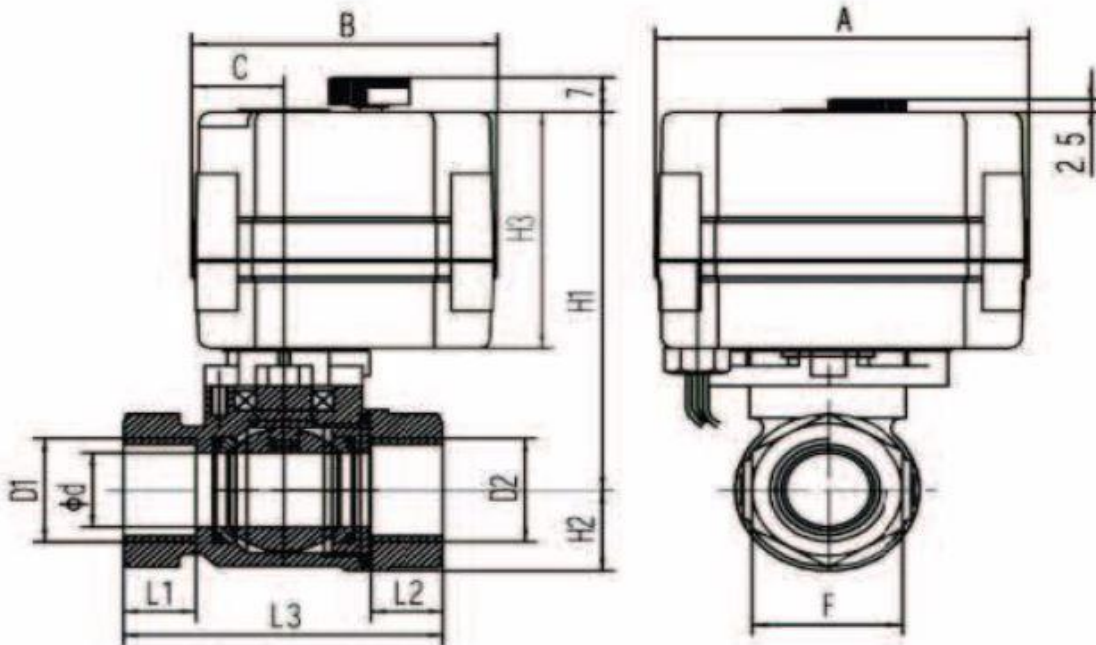
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ELECTRIC MOTOR - 2/2 Way BRASS BALL VALVE



BODY DIMENSION CODE(Size in mm)

Valve body	D1/D2	L1	L2	L3	F	H1	H2	H3	B	A
PXD15BH15S06-W21D05	3/4" (15mm)	10	10	61	30	72	22	50	52	62
PXC25BH25S10-W22DX	1" (25mm)	20	20	82	38	81	21.5	48	55	66.5
PXO25BH25S10-W22DX	1" (25mm)	20	20	82	38	81	21.5	48	55	66.5