



Economy Pneumatic Actuated Brass Ball Valve

- Screwed BSPP
- PTFE Filled Seats.
- Spring Return or Double Acting
- Up to PN40 Bar 95°C
- Offers Affordable Automation
- Sizes from 1/2" - 2"
- WRAS Approved

Description

An economic actuated pneumatic ball valve, offering a compact and lightweight combination of Volt pneumatic actuator and 2 way brass ball valve. The pneumatic actuators are manufactured from aluminium and have a hard anodised finish. Position indicator, end of stroke adjustment ($\pm 5^\circ$) and Namur interface are fitted as standard. The Brass ball valves are nickel plated with PTFE seat and are screwed BSP parallel female ends. The valve and actuator fit directly onto each other so no mounting kit is required, thus making the package more compact and cost effective.

The PE4322 is a modular program and designed for cost effective affordable automation. NAMUR and ISO 5211 interfaces are standard which enables position feedback and pilot solenoids to be fitted. Ordering these additions are simple, just go to the PE4322 product page and build your ideal valve.



Description

1/2" - 2" direct mount, full bore ball valve. Pneumatically actuated for automatic on / off applications, with a choice of spring return or double acting actuator. The ball valve is in brass with a hard chromed ball and PTFE seats. Screwed BSPP with the addition of a footplate which allows direct mounting. The valve is WRAS Approved for drinking water.



Beschreibung

1/2" - 2" Kugelhahn für Direktmontage mit vollem Durchgang. Pneumatisch betätigt für automatische Ein/Aus-Anwendungen, wahlweise mit Federrückstellung oder doppelt wirkendem Antrieb. Der Kugelhahn ist aus Messing mit einer hartverchromten Kugel und PTFE-Sitzen. Geschraubtes BSPP mit zusätzlicher Fußplatte, die eine direkte Montage ermöglicht. Das Ventil ist WRAS-zugelassen für Trinkwasser.



Descripción

Válvula de bola de paso total de montaje directo de 1/2" - 2". Accionada neumáticamente para aplicaciones de encendido / apagado automático, con opción de retorno por resorte o actuador de doble acción. La válvula de bola es de latón con una bola de cromo duro y asientos de PTFE. BSPP atornillado con la adición de una placa de pie que permite el montaje directo. La válvula está aprobada por WRAS para agua potable.

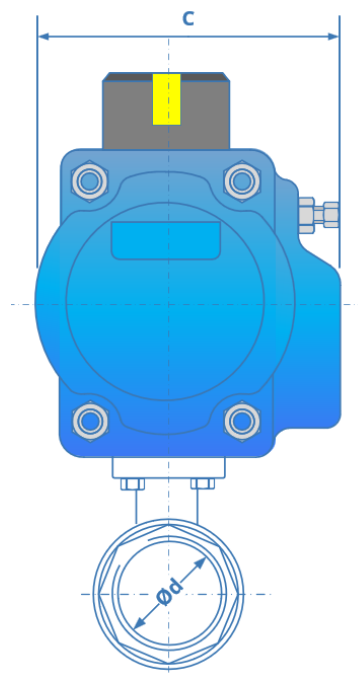
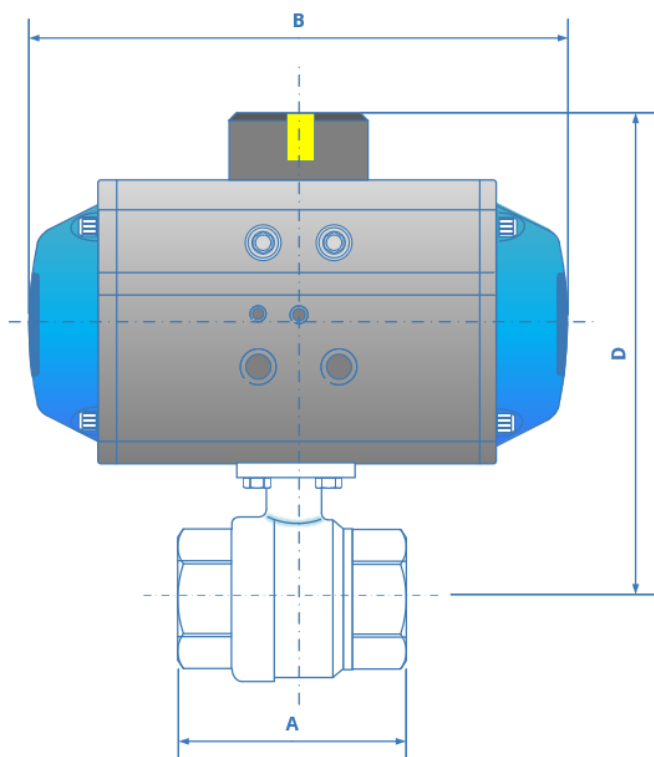


Description

Robinet à tournant sphérique à passage intégral 1/2" - 2" à montage direct. Actionnement pneumatique pour les applications marche/arrêt automatiques, avec un choix d'actionneur à rappel par ressort ou à double effet. Le robinet à tournant sphérique est en laiton avec une bille chromée dur et des sièges en PTFE. Vissé BSPP avec l'ajout d'une plaque de pied qui permet un montage direct. La vanne est WRAS Approved pour l'eau potable.



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Dimensions for Spring Return

Valve	Spring Return	A	B	C	D	Weight kg
1/2"	AT50S	59	146	70.5	124	1.45
3/4"	AT50S	69	146	70.5	130	1.59
1"	AT50S	83	146	70.5	134	1.84
1 1/4"	AT63S	94	163	83.5	143.5	2.9
1 1/2"	AT75S	102	214	94	165	4.55
2"	AT75S	124	214	94	172.5	5.35

Dimensions for Double Acting

Valve	Double Acting	A	B	C	D	Weight kg
1/2"	AT50D	59	146	70.5	124	1.4
3/4"	AT50D	69	146	70.5	130	1.53
1"	AT50D	83	146	70.5	134	1.79
1 1/4"	AT63D	94	163	83.5	153.5	2.72
1 1/2"	AT63D	102	163	83.5	165	3.2
2"	AT63D	124	163	83.5	173.5	3.82

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Technical - Actuator

Body material	Hard anodised extruded aluminium alloy
End Caps	Die cast aluminium epoxy coated
Spring	High tensile steel
Indicator	Open/Closed
Pinion shaft	Alloy steel nickle plated
Pinion Guides	Self Lubricating Polypropylene + GF
Piston seals	NBR steel

Specification

Pressure range	10 Bar
Double acting	2.5 Bar - 8 Bar
Single acting	2.5 Bar - 8 Bar
Temperture range	minus 20°C - 80°C
Movement	90 Degree adjustable -5-+5 Degree
Lubrication	All moving parts are lubricated
Cycle Life	1,000,000 operations



Technical - Valve

Body material	Brass nickel plated
Ball	Brass chrome plated
Seat	PTFE
Stem	Brass
O Ring	Viton

Specification

Pressure range	1/2"-1" 40 bar 1 1/4" 32 bar, 1 1/2" - 2" 30 bar
Temperture range	-20°C + 95°C
Approvals	WRAS, CE
Movement	90 Degree adjustable -5°-+ 5°
Connection	Screwed BSPP



Modular design for easy and affordable automation

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