



Motorised Electric Ball Valve – 3 Wire & Failsafe

- Sizes from 1/4" to 1"
- Power Open – Power Closed Version
- Failsafe Close Version
- For use on water and air
- Temperature up to 100°C
- Pressure from 0 up to 10 bar
- WRAS Approved Ball valve

> Description

A compact electric powered motorised ball valve assembly for isolation of water and air. Offered in two versions: 3 wire, power open and power closed. With the option of failsafe, power open and on power failure the valve closes automatically. The actuator is supplied with a 0.5 meter pre wired cable and is IP67 protected. The ball valve is stainless steel, screwed BSP, in sizes from 1/4" to 1" and comes with a WRAS certificate, suitable for use on potable drinking water. Options for various voltages.

> Benefits

This full bore high flow ball valve is a realistic choice over a solenoid valve. Offering low power electric operation with an operating time of 5 seconds and more forgiving to small particles in the media with the addition of suppressing water hammer.

> Supply Voltages

- 9 – 24 DC or AC 50/60Hz
- 110 – 240 volt 50/60Hz



Description

Motorised ball valve in stainless steel WRAS approved, in sizes from 1/4"-1". Operated with options of voltage and a choice of 3 wire or failsafe. The valve is screwed BSP and can handle pressures up to 10bar, with an operating time of 5 seconds. Easy to wire and install.



Beschreibung

Motorisierter Kugelhahn aus Edelstahl mit WRAS-Zulassung, in Größen von 1/4"-1". Betrieben mit verschiedenen Spannungen und einer Auswahl von 3-Draht oder Failsafe. Das Ventil ist mit BSP verschraubt und kann Drücke bis zu 10 bar bewältigen, mit einer Betriebszeit von 5 Sekunden. Einfach zu verdrahten und zu installieren.



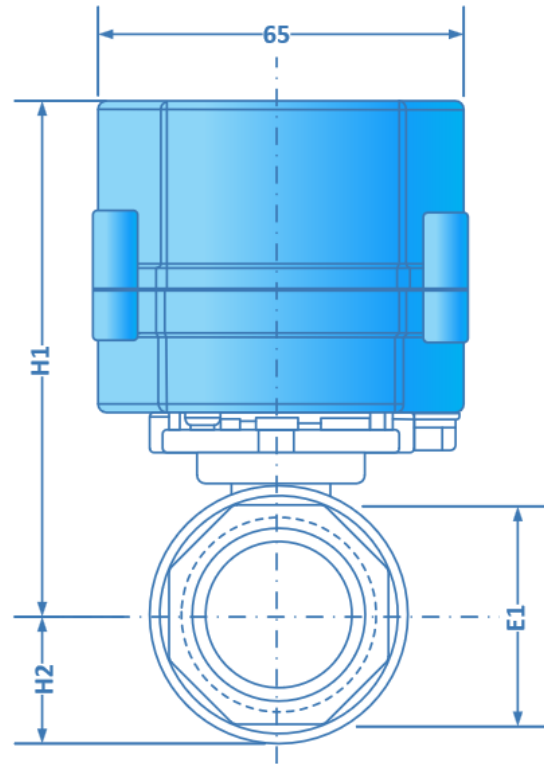
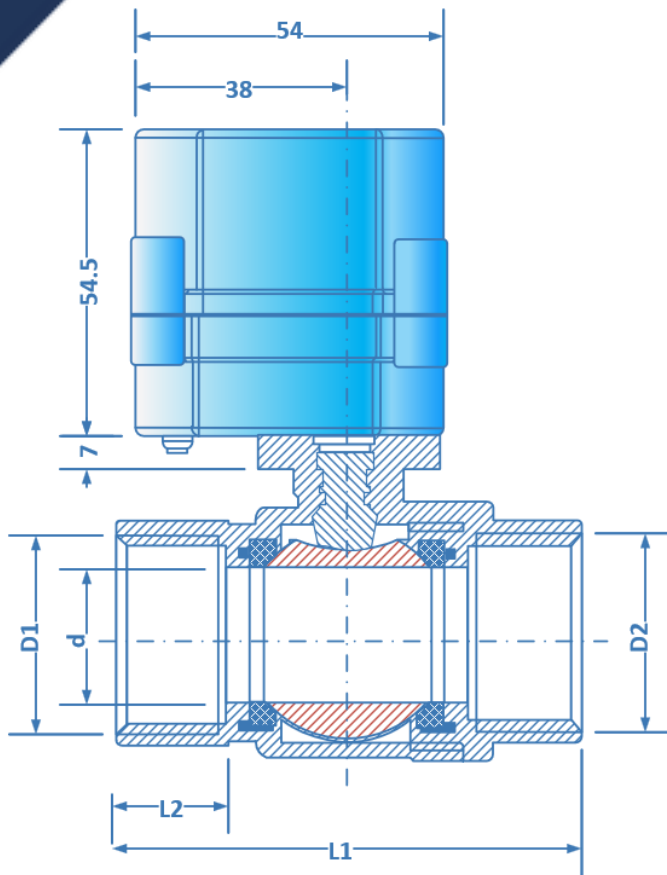
Descripción

Válvula de bola motorizada de acero inoxidable con aprobación WRAS, en tamaños de 1/4"-1". Funciona con opciones de voltaje y una elección de 3 cables o a prueba de fallos. La válvula es de rosca BSP y puede manejar presiones de hasta 10 bares, con un tiempo de funcionamiento de 5 segundos. Fácil de cablear e instalar.



Description

Vanne à bille motorisée en acier inoxydable homologuée WRAS, dans les tailles de 1/4"-1". Fonctionnement avec des options de tension et un choix de 3 fils ou de sécurité intégrée. La vanne est vissée BSP et peut gérer des pressions jusqu'à 10bar, avec un temps de fonctionnement de 5 secondes. Facile à câbler et à installer.



Ball Valve Seats PTFE + EPDM Seals with options for FKM seals.

Dimensions

Size D1, D2	d	L1	L2	E1	H1	H2	Kg
1/4"	8	49	12	20.5	69	12	0.3
3/8"	10	49	12	20.5	69	12	0.4
1/2"	15	63	14	25	83	17	0.4
3/4"	20	72	17	31	87	20	0.5
1"	25	81	18	38	95	24	0.7

Technical

Voltage Min - Max Continuous Duty	Actuator Torque	Power		Enclosure	Electrical Connection
		Moving	Holding		
9 to 24 volt AC 50/60Hz or DC	2 Nm	5 Watts	0.22 Watts	IP67	0.5 meter lead wire
110 to 240 volt AC 50/60Hz			0.5 Watts		

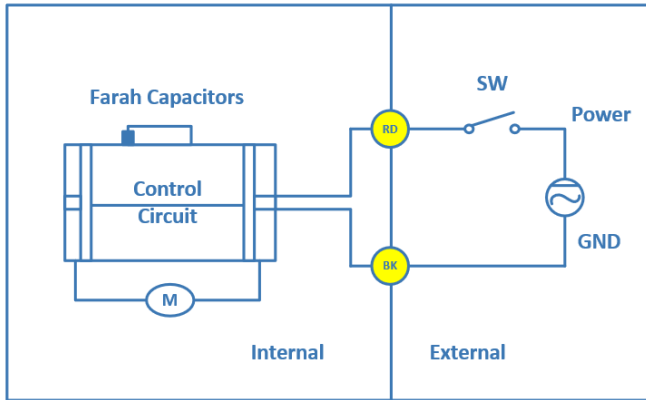
Options

- Manual Override (lift+Turn+MO) 9-24 volt only (not IP67).
- Standard, Failsafe and 3 Wire.
- Position feedback switches
- Sun and Rain protection cover



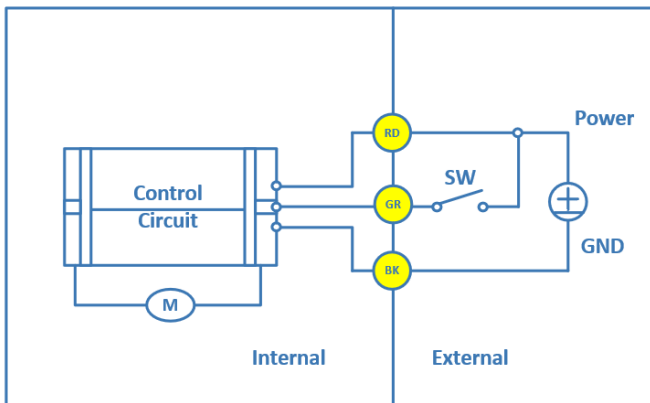
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➤ Failsafe requires 10-15 seconds (out of box) first power On, thereafter a minimum 6-10 second power On to recharge the Farah capacitor reserve power.



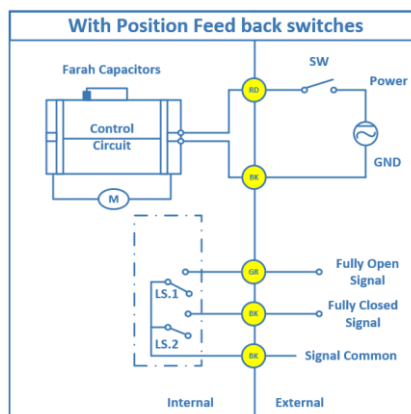
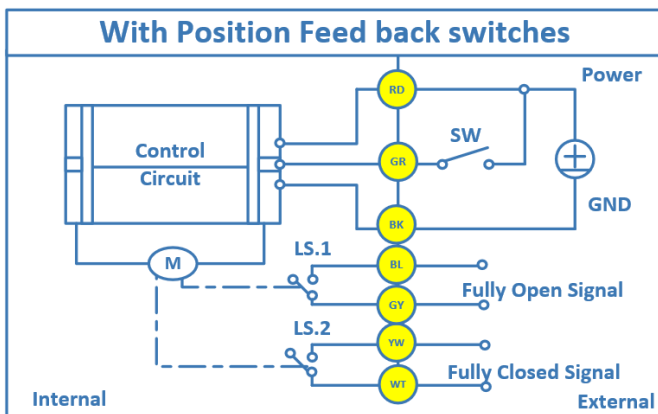
Failsafe Control.

Power ON motor actuates valve into powered position and then automatically powers off. Valve stays in powered position.
Power OFF motor actuates valve back to start position using reserve power. Valve stays in start position.



3 Wire Control

Power ON to GREEN motor actuates valve into powered position and then automatically powers off. Valve stays in powered position.
Power OFF to GREEN, motor actuates valve back to start position and then automatically powers off. Valve stays in start position.



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