

Media: air - water
 Pressure range: 0 to 10 Bar max
 Media temp: -15°C to +100°C max
 Ambient temperature: -15°C to +50°C
 Media viscosity: 500 centistokes max
 Duty cycle: 100,000
 Mounting: Any
 Seals: PTFE + EPDM
 WRAS certificate no: 2010303

Actuated WRAS Ball Valve

3/4 BSP

Failsafe Open / Failsafe Closed

0 – 10 Bar

TYPE ABVM06S/2AR-E2



PRESSURE

Ø Port BSP	Orifice mm	Function	Pressure Rating (Bar) ΔP		Voltage	Part Number
			Min	Max		
3/4	20	Failsafe Closed	0	10	110 to 240vAC	ABVM06S/2AR-E2
3/4	20	Failsafe Open	0	10		ABVM06S/2AR-NO-E2

OPTIONS

Visual Position Indication, Failsafe Closed 2 wire (+AR) or Failsafe Open 2 wire Fully Open + Closed volt free position feedback switches (+E2), Rated 0 to 36vDC 0.4 Amp Max 12-24vAC/DC, Manual Override, without position feedback, other sizes 1/4 to 2 inch, other seals and functionality see other items

Included
 Included
 TBA

ELECTRICAL DATA

Voltage Min - Max Continuous Duty 100%	Actuator		Power	Enclosure	Electrical connections
	Model	Torque			
110 to 240 volts AC 50/60Hz	ABVM	2 Nm	1-5 Watts	IP67	0.5 meter lead wires

Failsafe Control.

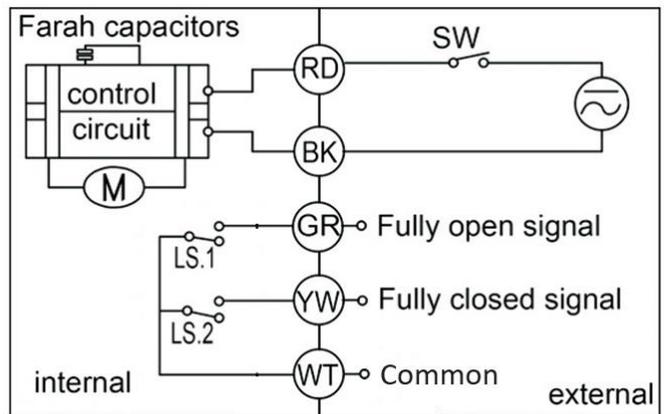
Power ON motor actuates valve into powered position and then automatically powers off.

Valve stays in powered position.

Power OFF motor actuates valve back to start position using reserve power. Valve stays in start position.

Failsafe requires 30 seconds Power On to Recharge the Farah capacitors.

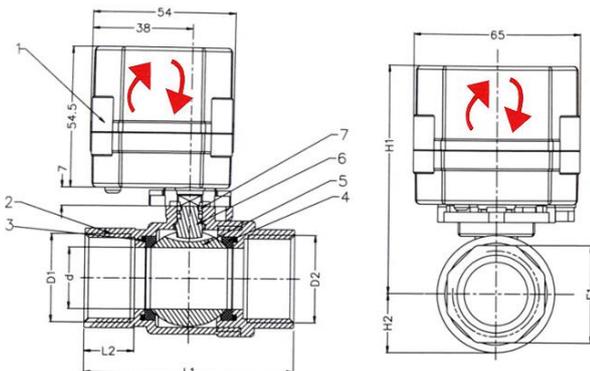
With Position Feed Back Switches



CONSTRUCTION

Valve Body: 304 stainless steel static test pressure 35 Bar.
 Seals: Stem 2x EPDM, Ball WRAS EPDM + PTFE Floating no leakage design
 ABVM Actuator: ABS Engineering Plastic, Gears: Metal, Factory function test 200 cycles Open/Close

OVERALL DIMENSIONS



Port D1/D2	d	L1	L2	E1	H1	H2	Kg
3/4	20	72	17	31	87	20	0.6

Ref	Description	Material
1	Actuator	ABS
2	Body Cover	SS304
3	O Ring	EPDM
4	Sealing	PTFE/EPDM
5	Ball	SS304
6	Stem	SS304
7	O Ring	EPDM