

Media: 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 (Except upside down)
 Seals: PTFE + EPDM
 WRAS certificate no: 2010303

Actuated WRAS Ball Valve

1/4 – 1
 2 Second Power Open/Close
 0 – 10 Bar
 TYPE ABVM-2SEC



PRESSURE

Ø Port BSP	Orifice mm	Operating Time Seconds	Pressure Rating (Bar) ΔP		Voltage	Part Number	
			Min	Max			
1/4	8	2	0	10	9 to 24v AC or DC	ABVM02S/9-2SEC	
3/8	10	2	0	10	9 to 24v AC or DC	ABVM03S/9-2SEC	
1/2	15	2	0	10	9 to 24v AC or DC	ABVM04S/9-2SEC	
3/4	20	2	0	10	9 to 24v AC or DC	ABVM06S/9-2SEC	
1	25	2	0	10	9 to 24v AC or DC	ABVM08S/9-2SEC	

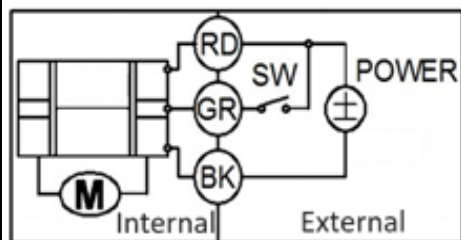
OPTIONS

Visual Position Indication
 Fully Open + Closed volt free position feedback switches (+E2), Rated 0 to 36vDC 0.4 Amp Max
 Sun and rain protection cover
 316 Stainless, PVC, 3-piece, 3 way & Brass Ball Valves, longer lead wire and more

Included

ELECTRICAL DATA

Voltage Min - Max Continuous Duty 100%	Actuator		Power			Enclosure	Electrical connections
	Model	Torque	Start (Peak)	Moving	Holding		
9 to 24 volts AC 50/60Hz or DC	ABVM	2 Nm	2 Amp	5 Watts	0.22 Watts	IP67	0.5 meter lead wires 3 meter lead wires

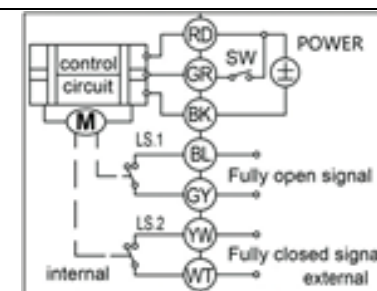


3 Wire Control

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.

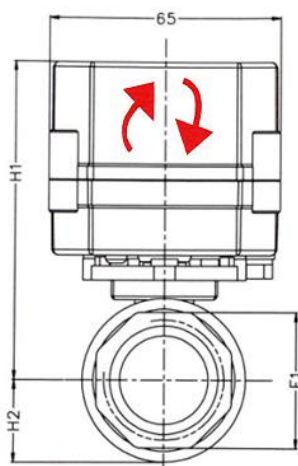
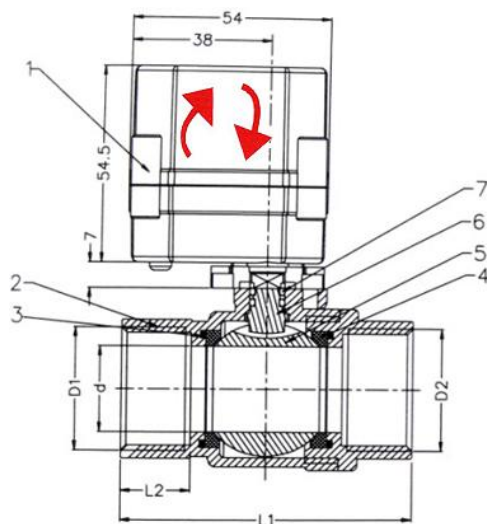
With Position Feed Back Switches



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
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

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