

Media: air – water – gases – liquid
 Pressure range: 0 to 10 Bar max
 Media temperature: -15°C +100°C max
 Ambient temperature: -15°C to +50°C
 Media viscosity: 500 centistokes max
 Duty cycle: 100,000
 Mounting: Any
 Seals: PTFE

Actuated Ball Valve

1/2 – 1
 STANDARD + FAILSAFE
 2 WAY DIRECT
 0 – 10 Bar
 TYPE ABVM/AR



PRESSURE

Ø Port BSP	Orifice mm	Operating Time Seconds	Pressure Rating (Bar) ΔP		Voltage	Part Number	
			Min	Max			
1/2	15	5	0	10	9 to 24v AC or DC	ABVM04S/9 + option	
					110 to 240vAC	ABVM04S/2 + option	
3/4	20	5	0	10	9 to 24v AC or DC	ABVM06S/9 + option	
					110 to 240vAC	ABVM06S/2 + option	
1	25	5	0	10	9 to 24v AC or DC	ABVM08S/9 + option	
					110 to 240vAC	ABVM08S/2 + option	

OPTIONS

Visual Position Indication, Failsafe Closed (+AR), Failsafe Open (+AR-NO)
 Manual Over Ride (Lift + Turn +MO) 9-24 volt only.
 3 wire control (power open and power closed)
 Fully Open and fully closed position volt free feedback switches (+E2)
 316 Stainless, 3 piece, 3 way & Brass Ball Valves or 1.5mtr lead wire or more

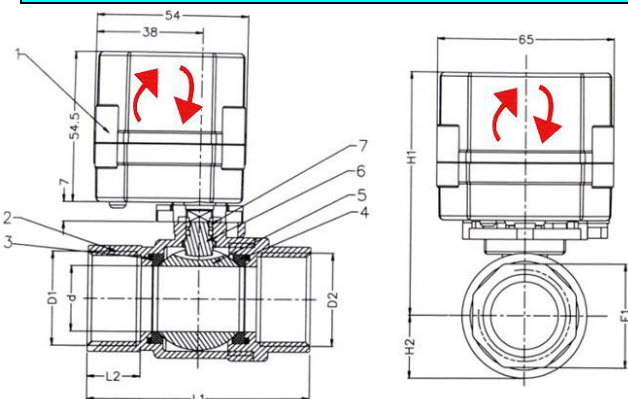
ELECTRICAL DATA

Voltage Min - Max Continuous Duty 100%	Actuator		Power		Enclosure	Electrical connections
	Model	Torque	Moving	Holding		
9 to 24 volts AC 50/60Hz or DC	ABVM	2 Nm	5 Watts	0.22 Watts	IP67	0.5 meter lead wires
110 to 240 volts AC 50/60Hz				0.6 Watts		

CONSTRUCTION

Valve Body: 304 stainless steel static test pressure 35 Bar.
 Seals: Stem FKM, Ball PTFE Floating no leakage design
 ABVM Actuator: ABS Engineering Plastic, Gears: Metal, Function test 200 cycles Open/Close

OVERALL DIMENSIONS



Port D1/D2	d	L1	L2	E1	H1	H2	Kg
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	0.6

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

Requires 10-15 seconds (Out of the box) first Power On, thereafter a minimum 6-10 seconds power ON to recharge the Farah capacitor reserve power.

