

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 + FKM

Actuated Ball Valve

1/4 – 1/2
 3 WAY Stainless
 L + T Ported
 0 – 10 Bar
TYPE ABVMS3TL



PRESSURE

Ø Port BSP	Orifice mm	Operating Time Seconds	Pressure Rating (Bar) ΔP		Voltage	Part Number
			Min	Max		
1/4	6	5	0	10	9 to 24v AC or DC	ABVM02S3(L or TA, B, D or E)/9AR
					110 to 240vAC	ABVM02S3(L or TA, B, D or E)/2AR
3/8	6	5	0	10	9 to 24v AC or DC	ABVM03S3(L or TA, B, D or E)/9AR
					110 to 240vAC	ABVM03S3(L or TA, B, D or E)/2AR
1/2	12	5	0	10	9 to 24v AC or DC	ABVM04S3(L or TA, B, D or E)/9AR
					110 to 240vAC	ABVM04S3(L or TA, B, D or E)/2AR

OPTIONS

Visual Position Indication, Failsafe Return, L or T Ported (T port 4 configuration options A, B, D or E)
 Manual Override Lift + Turn (+MO) 9-24 volt only.
 3 wire control (power open and power close – stay put with power off)
 Fully Open and fully closed position volt free feedback switches (+E2)

Included

ELECTRICAL DATA

Voltage Min - Max Continuous Duty 100%	Actuator		Power	Enclosure	Electrical connections
	Model	Torque			
9 to 24 volts AC 50/60Hz or DC	ABVM	2 Nm	5 Watts moving then <1 Watt	IP67	2 lead wires 0.5 meter
110 to 240 volts AC 50/60Hz					

	<p>Failsafe Control.</p> <p>Power ON motor actuates valve into powered position and then automatically powers off. Valve stays in powered position.</p> <p>Power OFF motor actuates valve back to start position using reserve power. Valve stays in start position.</p> <p>Requires 10-15 seconds Power On to recharge the Farah capacitors.</p>	<p>With Position Feed Back Switches</p> <p>GR Fully open signal YW Fully closed signal WT Common</p>
	<p>3 Wire Control</p> <p>Power ON to GREEN motor actuates valve into powered position and then automatically powers off. Valve stays in powered position.</p> <p>Power OFF to GREEN motor actuates valve back to start position and then automatically powers off. Valve stays in start position.</p>	<p>BL Fully open signal GY Fully closed signal WT Fully closed signal</p>

CONSTRUCTION

Valve Body: 304 stainless steel Seals: FKM + PTFE Floating no leakage design
 ABVM Actuator: ABS Engineering Plastic, Gears Metal

OVERALL DIMENSIONS

Port	d	L1	L2/L3	H1	H2
1/4	6	52	11	83.5	14
3/8	6	52	11	83.5	14
1/2	12	69	14	93.5	18

No.	Description	Material
1	Actuator	PPO
2	Body Cover	SS304
3	O Ring	FKM
4	Sealing	PTFE
5	Ball	SS304
6	Sealing	PTFE
7	Stem	SS304
8	O Ring	FKM