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 - 1/23 WAY Stainless L + T Ported 0 - 10 Bar



# YPE ABVMS3TL

PRESSURE									
Ø Port BSP	Orifice mm	Operating Time Seconds	Pressure Rating (Bar) ∆P						
			Min	Max	Voltage	Part Number			
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.

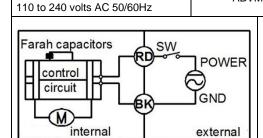
3 wire control (power open and power close - stay put with power off)

Fully Open and fully closed position volt free feedback switches (+E2)

Included

0.5 meter

#### ELECTRICAL DATA Actuator Voltage Min - Max Electrical Power **Enclosure Continuous Duty 100%** Model connections **Torque** 9 to 24 volts AC 50/60Hz or DC 5 Watts moving 2 lead wires ABVM 2 Nm **IP67**



SW

#### Failsafe Control.

then <1 Watt

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.

Requires 10-15 seconds Power On to recharge the Farah capacitors.

## Farah capacitors control circuit GR)⊸ Fully open signal LS.1 (YW)⊸ Fully closed signal LS.2 Common POWER Fully open signal

Fully closed signa

With Position Feed Back Switches

### 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.

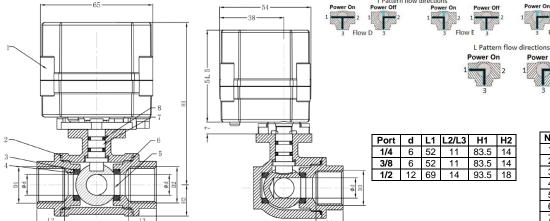
#### Interna External CONSTRUCTION

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

**POWER** 

GND





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 Rina	FKM				