

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: 17M34ST / 34L**



### 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	17M34ST02A (L or TA, B, D or E)/9AR
					110 to 240vAC	17M34ST02B (L or TA, B, D or E)/2AR
3/8	6	5	0	10	9 to 24v AC or DC	17M34ST03A (L or TA, B, D or E)/9AR
					110 to 240vAC	17M34ST03B (L or TA, B, D or E)/2AR
1/2	12	5	0	10	9 to 24v AC or DC	17M34ST05A (L or TA, B, D or E)/9AR
					110 to 240vAC	17M34ST05BA (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) **Included**  
 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)

### 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><b>Failsafe Control.</b></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><b>Requires 10-15 seconds Power On to recharge the Farah capacitors.</b></p>	<p><b>With Position Feed Back Switches</b></p> <p>GR Fully open signal        YW Fully closed signal        WT Common</p>
	<p><b>3 Wire Control</b></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