

Media: air – water
 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: 70,000
 Mounting: Any
 Seals: PTFE
 Open/Close Time: 7 Seconds
 Set time: 0 up to 99hr 59min 59sec

Actuated Ball Valve

1/2 – 1

TIME CONTROL

0 – 10 Bar

TYPE TABVM



PRESSURE

Ø Port BSP	Orifice mm	Function	Pressure Rating (Bar) ΔP		Voltage	Part Number
			Min	Max		
1/2	15	2 Wire control.	0	10	9 to 24v AC or DC	TABVM04S/9
					110 to 240vAC	TABVM04S/2
3/4	20	Power off stays put, reapply power returns to start cycle.	0	10	9 to 24v AC or DC	TABVM06S/9
					110 to 240vAC	TABVM06S/2
1	25		0	10	9 to 24v AC or DC	TABVM08S/9
					110 to 240vAC	TABVM08S/2
1/2	15	2 Wire control.	0	10	9 to 24v AC or DC	TABVM04S/9AR
					110 to 240vAC	TABVM04S/2AR
3/4	20	Power off returns automatically to start position.	0	10	9 to 24v AC or DC	TABVM06S/9AR
					110 to 240vAC	TABVM06S/2AR
1	25		0	10	9 to 24v AC or DC	TABVM08S/9AR
					110 to 240vAC	TABVM08S/2AR

OPTIONS

Visual Position Indication, **Digital readout Time OPEN / Time CLOSED**, Programmable start OPEN or start CLOSED **Included**
 Fully Open + Closed volt free position feedback switches (+E2), Rated 0 to 36VDC 0.4 Amp Max

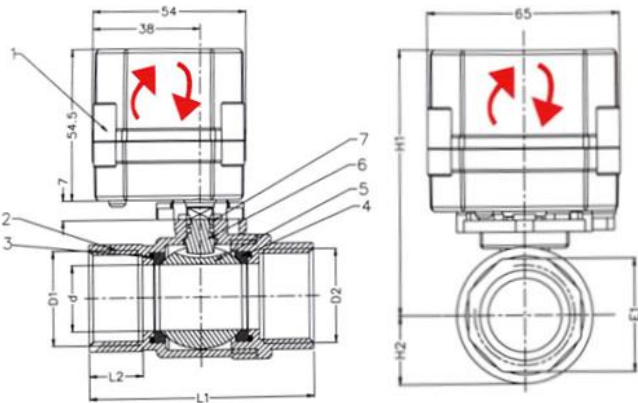
ELECTRICAL DATA

Voltage Min - Max Continuous Duty 100%	Actuator		Power		Enclosure	Electrical connections
	Model	Torque	Moving	Holding		
9 to 24 volts AC 50/60Hz or DC	TABVM	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 2x EPDM, Ball WRAS EPDM + PTFE Floating no leakage design,
 TABVM 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

Set Valve Open Time:

Requires electrical power to Valve

Press and hold SET button 1 for 5 seconds displays **t On** valve open time

- Press button 2 change 10 hour increment with button 3
- Press button 2 change 1 hour increment with button 3
- Press button 2 change 10 minute increment with button 3
- Press button 2 change 1 minute increment with button 3
- Press button 2 new screen change 10 second increment with button 3
- Press button 2 change 1 second increment with button 3
- To set close button press set button 1, follow below from*

Set Valve Closed Time:

Requires electrical power to Valve

Press SET button 1 for 5 seconds displays **t OFF** valve closed time

- *Press button 2 change 10 hour increment with button 3
- Press button 2 change 1 hour increment with button 3
- Press button 2 change 10 minute increment with button 3
- Press button 2 change 1 minute increment with button 3
- Press button 2 new screen change 10 second increment with button 3
- Press button 2 change 1 second increment with button 3
- To set open press button 1 set button until **t On** displayed



Change Valve Start Position: Valve Closed or Valve Open

Requires electrical power to Valve
 Press SET button1 for 5 seconds

- Press set button through menu **t On, t OFF, Pons** is displayed
- Press button 3 Change Start **On** (Valve Open) OR Start **OFF** (Valve Closed)
- Prot** = Stall current setting milliAmps, when current exceeds set value motor stops and display shows Err code.