

**JV240010**  
**Stainless Steel**  
**3-Way T-Ported**  
**Ball Valve**  
**c/w JV-E Electric Actuator**  
**BSPT Threaded**



A three-way, T-Ported stainless steel ball valve making it suitable for many applications where fluid diversion is required.

This valve is supplied completely assembled with a JV-E electric actuator which is small, lightweight and compact in design but still offering high output torques.

All valve and actuator packages are tested and issued with certification confirming the actuators functionality before despatch.

**Approvals, Features & Benefits**

- 3-Way - T-Ported
- Reduced bore
- RPTFE seats
- Complete assembled package
- Various voltage options
- Manual override on actuator
- Visual position indicator on actuator

**Pressure & Temperature**

Pressure range :-

- 1/4" - 1" - PN82 rated
- 1 1/4" - 1 1/2" - PN69 rated
- 2" - 4" - PN30 rated

Temperature range\*:-

-25°C to 200°C

Pressure range dependent on temperature

BSPT	1/4	3/8	1/2	3/4	1	1 1/4	1 1/2	2	2 1/2	3	4
<b>A</b>	75	75	75	85	100	122	131	158	178	202	246
<b>B</b>	9.5	11	12	15	20	25	32	40	49	60	75
<b>C</b>	36.8	36.8	36.8	41.2	46.5	56	60	70.5	95.5	106	119
<b>D</b>	161.5	161.5	161.5	166.2	171.5	181	185	203.5	228.5	296	309
<b>E</b>	124	124	124	124	124	124	124	164	164	157	157
<b>F</b>	37.5	37.5	37.5	42.5	50	61	65.5	79	89	101	123
<b>H</b>	57.5	57.5	57.5	65.5	79	97	106.5	129	145	167	203
<b>Operation Time 90° 50/60hz Sec.</b>	13	13	13	13	13	13	13	22/18	22/18	28/23	28/23
<b>Actuator Type</b>	JV-E05	JV-E05	JV-E05	JV-E05	JV-E05	JV-E05	JV-E05	JV-E10	JV-E10	JV-E16	JV-E16
<b>Weight Kg</b>	2	1.97	1.93	2.24	2.69	4.21	4.96	7.61	10.25	19.31	28.3

**ACTUATOR SPECIFICATIONS**

<b>Enclosure</b>	IP68 Watertight (IP68 5m 120hr)	<b>Travel Angle</b>	90° ± 5°
<b>Power Supply</b>	110V & 250V AC 50/60Hz / 24V AC 50/60Hz / 24VDC / 380V & 440V 3PH	<b>Casing Material</b>	Aluminium Alloy, Dry Power Polyester Coated
<b>Indicator</b>	Dome Type Mechanical	<b>Terminal Block</b>	Push Button
<b>Limit Switches</b>	2 x Open / 2 x Close, SPDT, 250V AC	<b>Ambient Temperature</b>	-20 to 60°C
<b>Space Heater</b>	110/220V AC Anti-condensation	<b>Mechanism</b>	Scotch-Yoke (JV-E05 - Spur Gear Type)

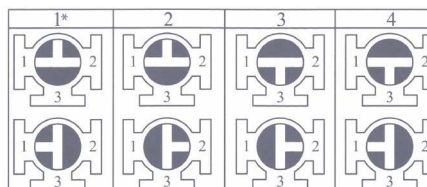
**ACTUATOR OPTIONS**

<b>LC</b>	Local Control (with torque switches)
<b>SM</b>	Super Modulating Unit Input / Output 4-20mA, 0-1V, 2-10V, 0-5V & 1-5V all in one unit <b>(Available for 24VDC, 110VAC &amp; 220VAC)</b>
<b>MC</b>	Modulating Control Unit Input / Output 4-20mA <b>(Only available for 110 &amp; 220VAC)</b>

**BALL VALVES MATERIALS**

<b>Body</b>	Stainless Steel (CFM8)
<b>Ball</b>	Stainless Steel (316)
<b>O-ring</b>	Viton
<b>Seats</b>	RPTFE (15%)
<b>Stem</b>	Stainless Steel (316)

**Ball Position Options (Position 1 as standard)**



\*Special actuator mounting kit required for temperatures above 70°C, contact sales for details and overall height dimensions