



JV241049

**Nickel Plated Brass
Electric Operated
Ball Valve
c/w JV-M Electric Actuator
BSPB Threaded**



The JV241049 is a WRAS approved Brass bodied full bore ball valve suitable for a many applications offering reliability at an economical cost.

This valve is supplied completely assembled with our JV-M electric actuator which is small, light-weight 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

- WRAS approved (Valve)
- Exd - IP67 Enclosure (actuator)
- Full bore minimizes pressure drop
- Complete assembled package
- Various voltage options
- Manual override on actuator
- Visual position indicator on actuator

Pressure & Temperature

Pressure range:-

1/4"-1" PN40 rated

1 1/4" PN32 rated

1 1/2"-2 1/2" PN30 rated

3" PN25 rated

Temperature range:-

-20°C to 120°C

BSPB	1/4	3/8	1/2	3/4	1	1 1/4	1 1/2	2	2 1/2	3
A	64	64	64	76	88	96	103	121	165	188
B	11.5	15	15	20	25	32	38	45	62	76
C	229	229	229	233	237	242	258	264	290	300
D	144	144	144	144	144	144	144	144	144	144
Op. Time 90° 50/60hz (Sec.)	15	15	15	15	15	15	15	15	15	15
Actuator Type	JV-M1	JV-M1	JV-M1	JV-M1	JV-M1	JV-M1	JV-M1	JV-M1	JV-M1	JV-M1
Weight Kg	3.5	3.5	3.5	3.7	4	4	4.3	5.5	7	9

BALL VALVE MATERIALS

Body	Brass - Nickel Plated
Ball	Brass - Chrome Plated
Seats	PTFE
Stem	Brass - Nickel Plated

ACTUATOR SPECIFICATIONS

Enclosure	Anti-Explosive Exd IIC T6Gb - IP67	Travel Angle	90° ± 5°
Power Supply	110v AC (50/60Hz) / 220v AC (50/60Hz) / 24V DC	Casing Material	Polyester Powder Coated Aluminium Alloy
Indicator	Visual Position Indicator	Terminal Block	Push Button
Limit Switches	1 Each For Open & Close Position. 1 Each For Feedback Open & Close Position (250v,10A)	Ambient Temperature	-20 to +70°C
Anti-condensation Heater	5W (110V,220VAC) 15W (24VDC)	Manual Override	Hand wheel (Self-contained)

ACTUATOR OPTIONS

PK	Potentiometer unit (0~1KΩ)
CT	Position current feedback (4~20mA)
RPC	Input/output 4~20mA, 0~10V, etc.
ATS	Over-torque protection output (1pc)
ALS	Auxiliary limit switch (up to 4pcs)