



JV241048

**Stainless Steel
Electric Operated
3-Piece Ball Valve
c/w JV-M Electric Actuator
BSPT Threaded**



The JV241048 stainless steel bodied full bore ball valve is suitable for various applications. This valves have a three-piece design for fast and low cost maintenance.

This valve is supplied completely assembled with a JV-M electric actuators 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

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

Pressure & Temperature*

Pressure range:
PN63

Temperature range*:
-29°C to 180°C

* Dependent on pressure

BSPT	1/4	3/8	1/2	3/4	1	1 1/4	1 1/2	2	2 1/2	3	4
A	50	60	75	80	90	110	120	140	185	205	240
B	11	12.5	15	20	25	32	40	50	65	80	100
C*	230	230	240	250	258	264	269	278	335	350	350
D	144	144	144	144	144	144	144	144	178	178	178
Op. time (90°)	15	15	15	15	15	15	15	15	30	30	30
Actuator Type	JV-M1	JV-M1	JV-M1	JV-M1	JV-M1	JV-M1	JV-M1	JV-M1	JV-M2	JV-M2	JV-M2
Weight Kg	4	4	4	4	4.5	5.5	6.5	7	20	24.5	33

BALL VALVE MATERIALS

Body	Stainless Steel (CF8M)
Ball	Stainless Steel (316L)
Stem	Stainless Steel (316L)
Seats	TFM1600

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 Temp	-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)

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