



JV241056

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

BSP Threaded
(NPT, Socket & Butt Weld on request)



A high performance Stainless Steel bodied full bore Ball valve suitable for various heavy duty applications due to its high pressure capabilities and fire-safe approval.

This valve is supplied completely assembled with a JV-M electric actuator which are 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

- Fire-Safe certified to API 607 4th Edition (valve)
- ATEX & Anti-Static device (valve)
- Exd - IP67 Enclosure (actuator)
- Various voltage options
- Manual override on actuator
- Visual position indicator on actuator

Pressure & Temperature

Pressure range:
1/2" - 1": 2000psi
1 1/4" - 2": 1500psi

Temperature range*:
-45°C to 180°C

* Dependent on pressure

BSP	1/2	3/4	1	1 1/4	1 1/2	2
A	75	85	105	111	127	145
B	15	20	25	32	38	50
C*	240	250	255	260	265	275
D	144	144	144	144	144	178
Operation Time 90° 50/60hz Sec.	15	15	15	15	15	30
Actuator Type	JV-M1	JV-M1	JV-M1	JV-M1	JV-M1	JV-M2
Weight Kg	4	4	5	5.5	7	8

BALL VALVES MATERIALS

Body	Stainless Steel (CF8M)
Ball	Stainless Steel (316L)
Stem	Stainless Steel (316L)
Seats	TFM1600
O-Ring	Viton

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)

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