



JV241046

**Electrically Actuated
Stainless Steel**

**2-Piece Full Bore Ball Valve
Actuator: JV-M Electric Actuator
Flanged ANSI 150
ATEX, Fire-Safe API 607, NACE
& Exd**

**DNV-GL type approved on request -
(dimensionally differently)**



The JV241046 Stainless Steel bodied full bore, two piece ball valve is flanged and drilled to ANSI 150 and is suitable for various applications.

This valve is supplied completely assembled with a JV-M Exd 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

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

Pressure & Temperature

Pressure range:
Class 150

Temperature range**:
-29°C to 180°C

**heat prevention kit may be required above 70°C, please consult sales team.

DN	15	20	25	32	40	50	65	80	100	125	150	200
A	144	144	144	144	144	144	178	178	178	303	303	303
B**	**	**	**	**	**	**	**	**	**	**	**	**
L	108	117	127	140	165	178	190	203	229	356	394	457
Operation Time 90°	15	15	15	15	15	15	30	30	30	48	48	48
Actuator Type	JV-M1	JV-M1	JV-M1	JV-M1	JV-M1	JV-M1	JV-M2	JV-M2	JV-M2	JV-M4	JV-M4	JV-M4
Weight Kgs	6	6	7	8	11	14	26	30	38	68	89	140

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)
ICM	LCD display, field operation unit