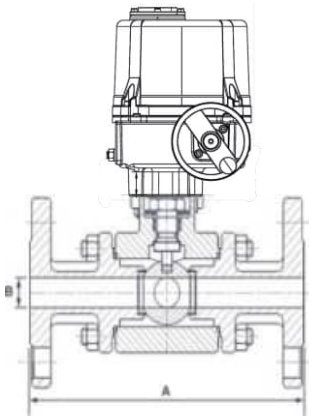


# JV241059

## Stainless Steel Electric Operated 3-Way T-Ported Ball Valve c/w JV-M Electric Actuator

## Flanged ANSI 150



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-M Exd IP67 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
- ATEX Exd IP67
- Full bore
- PTFE seats
- Various voltage options
- Manual override handwheel
- Visual position indicator on actuator

### Pressure & Temperature

Pressure range :-
20 bar

Temperature range*:-
-20°C to 200°C

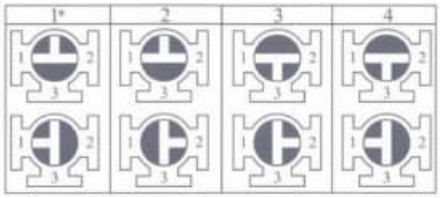
Pressure range dependent on temperature

| DN | 15 | 20 | 25 | 32 | 40 | 50 | 65 | 80 | 100 | 150 |
|---|---|---|---|---|---|---|---|---|---|---|
| A | 150 | 165 | 181 | 190 | 212 | 230 | 290 | 310 | 352 | 490 |
| B | 15 | 20 | 25 | 32 | 38 | 49 | 63 | 75 | 99 | 150 |
| Operation Time 90° 50/60hz Sec. | 15 | 15 | 15 | 15 | 15 | 30 | 30 | 30 | 40 | 48 |
| Actuator Type | JV-M1 | JV-M1 | JV-M1 | JV-M1 | JV-M1 | JV-M2 | JV-M2 | JV-M2 | JV-M4 | JV-M5 |
| Weight Kg | 9 | 10 | 12 | 16 | 18 | 32 | 43 | 60 | 87 | 155 |

| 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 |

| BALL VALVES MATERIALS | |
|---|---|
| **Body** | Stainless Steel (CF8M) |
| **Ball** | Stainless Steel (CF8M) |
| **O-ring** | Viton |
| **Seats** | PTFE |
| **Stem** | Stainless Steel (CF8M) |




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


All data is designed as a guide and should not be regarded as wholly accurate in every detail
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