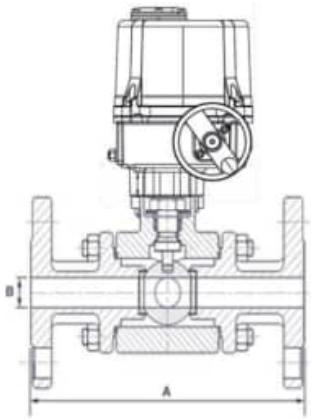


JV241051

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

Flanged PN16



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 :-
16 bar

Temperature range*:-
-200°C to 200°C

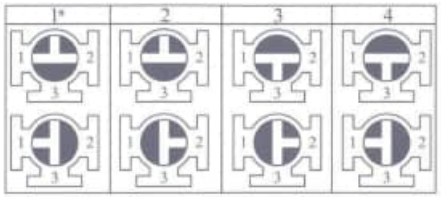
Pressure range dependent on temperature

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
© G.J. Johnson & Sons Ltd