



JV240008
Stainless Steel
Electric Operated
3-Piece Ball Valve
c/w JV-E Electric Actuator
BSPT Threaded
(NPT, Socket & Butt Weld on request)



The JV240008 stainless steel bodied full bore ball valve is suitable for various applications. This valve has a three-piece design for fast and low cost maintenance.

This valve is supplied completely assembled with a JV-E 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
- Suitable for a wide range of duties
- Complete assembled package
- Various voltage options
- Manual override on actuator
- Lightweight & compact
- Visual position indicator on actuator

Pressure & Temperature*

- 1/4" - 1"
82 bar @ 35°C
8 bar @ 200°C
- 1 1/4" - 1 1/2"
69 bar @ 30°C
8 bar @ 200°C
- 2" - 4"
62 bar @ 25°C
8 bar @ 200°C

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*	157.5	157.5	167	175	183	189	194.5	203	233	245.5	211.5
D	124	124	124	124	124	124	124	124	164	164	209
Operation Time 90° 50/60hz Sec.	13	13	13	13	13	13	13	13	22/18	22/18	28/23
Actuator Type	JV-E05	JV-E05	JV-E05	JV-E05	JV-E05	JV-E05	JV-E05	JV-E05	JV-E10	JV-E10	JV-E16
Weight Kg	1.76	1.78	1.81	2.19	2.57	3.34	4.3	5.1	9.1	13.7	27

ACTUATOR SPECIFICATIONS	
Enclosure	IP68 Watertight (IP68 5m 120hr)
Power Supply	110V & 250V AC 50/60Hz / 24V AC 50/60Hz / 24VDC / 380V & 440V 3PH
Indicator	Dome Type Mechanical
Limit Switches	2 x Open / 2 x Close, SPDT, 250V AC
Space Heater	110/220V AC Anti-condensation
Travel Angle	90° ± 5°
Casing Material	Aluminium Alloy, Dry Power Polyester Coated
Terminal Block	Push Button
Ambient Temperature	-20 to 60°C
Mechanism	Scotch-Yoke (JV-E05 - Spur Gear Type)

ACTUATOR OPTIONS	
LC	Local Control (with torque switches) - Available for models JV-E16 to JV-E120
SM	Super Modulating Unit Input / Output 4-20mA, 0-1V, 2-10V, 0-5V & 1-5V all in one unit (Available for 24VDC, 110VAC & 220VAC)
MC	Modulating Control Unit Input / Output 4-20mA (Only available for 110 & 220VAC)

BALL VALVE MATERIALS	
Body	Stainless Steel (CFM8)
Ball	Stainless Steel (316)
Stem	Stainless Steel (316)
Seats	R-PTFE (15%)

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