



**JV240009**  
**Stainless Steel**  
**Electric Operated**  
**Fire Safe**  
**3-Piece Ball Valve**  
**c/w JV-E 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 and is of a fire safe design.

This valve is supplied completely assembled with a JV-E 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 design
- Certified to API 607 4th Edition
- Anti-Static device
- Complete assembled package
- Various voltage options
- Manual override on actuator
- Lightweight & compact
- Visual position indicator on actuator

**Pressure & Temperature**

Pressure range :-

- 1/2" - 1" - PN138 rated
- 1 1/4" - 2" - PN103 rated
- 2 1/2" - 3" - PN63 rated

Temperature range\*-  
-20°C to 220°C

BSP	1/2	3/4	1	1 1/4	1 1/2	2
A	74.8	80.2	93	110.6	122.6	140
B	15	20	24	30	38	50
C*	168	173	181	187.8	199.5	207
D	23.3	28.7	34.8	42.6	50	63.7
E	22	27.5	34.5	43	49	61.2
F	124	124	124	124	124	124
Operation Time 90° 50/60hz Sec.	13	13	13	13	13	13
Actuator Type	JV-E05	JV-E05	JV-E05	JV-E05	JV-E05	JV-E05
Weight Kg	1.81	2.19	2.57	3.34	4.3	5.1

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

ACTUATOR OPTIONS	
<b>SM</b>	Super Modulating Unit Input / Output 4-20mA, 0-1V, 2-10V, 0-5V & 1-5V all in one unit <b>(Available for 24VDC, 110VAC &amp; 220VAC)</b>
<b>MC</b>	Modulating Control Unit Input / Output 4-20mA <b>(Only available for 110 &amp; 220VAC)</b>

BALL VALVES MATERIALS	
<b>Body</b>	Stainless Steel (CFM8)
<b>Ball</b>	Stainless Steel (CFM8)
<b>O-ring</b>	Viton
<b>Seats</b>	CTFE
<b>Stem</b>	Stainless Steel (CFM8)

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