



**JV240012**  
**Stainless Steel**  
**Electric Operated**  
**2-Piece Ball Valve**  
**c/w JV-E Electric Actuator**  
**Flanged**  
**PN16/40**



The JV240012 stainless steel bodied full bore, two piece ball valve is flanged and drilled to PN16/40 and is suitable for various applications.

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**

- Face to face: DIN 3202 F4, EN 558-1-27
- Complete assembled package
- Various voltage options
- Manual override on actuator
- Visual position indicator on actuator

**Pressure & Temperature**

Pressure range :-

DN15 - 50 : PN40 rated  
DN65 - 200 : PN16 rated

Temperature range\*:-

-25°C to 200°C\*\*

\*\*DN125-200 Max 180°C

DN	15	20	25	32	40	50	65	80	100	125	150	200
<b>A</b>	124	124	124	124	124	124	164	164	157	182	182	182
<b>B*</b>	173	178	183.5	196	201	210	233	245.5	315.5	364	381.5	426
<b>d</b>	15	20	25	32	40	50	65	80	100	125	150	200
<b>L</b>	115	120	125	130	140	150	170	180	190	325	350	400
<b>D</b>	95	105	115	140	150	165	185	200	220	250	285	340
<b>D1</b>	65	75	85	100	110	125	145	160	180	210	240	295
<b>D2</b>	45	58	68	78	88	102	122	138	158	188	212	268
<b>Operation Time 90° 50/60hz Sec</b>	13	13	13	13	13	13	22/18	22/18	28/23	40/33	40/33	40/33
<b>Actuator Type</b>	JV-E05	JV-E05	JV-E05	JV-E05	JV-E05	JV-E05	JV-E10	JV-E10	JV-E16	JV-E28	JV-E40	JV-E50
<b>Weight Kgs</b>	4.21	4.68	5.03	6.25	7.4	10.2	14.1	20.2	32.8	57.83	75	127.57

**ACTUATOR SPECIFICATIONS**

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

**ACTUATOR OPTIONS**

<b>LC</b>	Local Control (with torque switches) - Available for models JV-E16 to JV-E120
<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 (316)
<b>O-ring</b>	Viton
<b>Seats</b>	RPTFE (15%)
<b>Stem</b>	Stainless Steel (316)

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