



**JV240043**  
**Ductile Iron**  
**Viton Lined**  
**Butterfly Valve**  
**c/w JV-E Electric Actuator**  
**Lugged & Tapped Type**  
**PN16**



The JV240043 is a general purpose valve with a Viton liner, offering a long life with low maintenance. Self-lubricating bearings ensures perfect guiding and turning of the shaft without seizure or premature wear.

This valve is supplied completely assembled with a JV-E 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**

- Suitable for fitting between PN16 flanges
- Epoxy coated body
- Complete assembled package
- Various voltage options
- Manual override on actuator
- Visual position indicator on actuator

**Pressure & Temperature**

Pressure range:-  
16 bar

Temperature range\*:-  
-20°C to 140°C

DN	40	50	65	80	100	125	150	200	250	300
<b>A</b>	33	43	46	46	52	56	56	60	68	78
<b>B</b>	116	126	136	150	170	180	200	230	266	292
<b>C</b>	63	62	69	90	106	119	131	166	202	235
<b>PCD</b>	110	125	145	160	180	210	240	295	355	410
<b>n° x M</b>	4 x M16	4 x M16	4 x M16	8 x M16	8 x M16	8 x M16	8 x M20	12 x M20	12 x M24	12 x M24
<b>E*</b>	125	125	125	125	125	133	190	209	209	209
<b>F</b>	124	124	124	124	124	164	157	182	182	182
<b>Op. Time 90° 50/60hz Sec.</b>	13	13	13	13	13	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-E10	JV-E16	JV-E28	JV-E40	JV-E50
<b>Weight Kg</b>	3.6	4.5	5.4	6.7	8	10.9	17	27.3	42.1	50.6

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>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>

BUTTERFLY VALVE MATERIALS	
<b>Body</b>	Epoxy Coated Ductile Iron
<b>Liner</b>	Viton
<b>Disc</b>	Stainless Steel
<b>Shaft</b>	Stainless Steel