



**JV240005**  
**Stainless Steel**  
**Butterfly Valve**  
**c/w JV-E Electric Actuator**  
**Multi-Flange Wafer Type**  
**PN6/10/16, ANSI150, BST D & E**



The JV240005 has a stainless steel body and disc with a PTFE liner as standard (EPDM or Viton on request) making this valve a cost effective solution for a wide variety of isolation applications.

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**

- Lightweight construction
- Complete assembled package
- Various voltage options
- Manual override on actuator
- Visual position indicator on actuator

**Pressure & Temperature**

Pressure range:-  
16 bar

Temperature range\*:-  
PTFE: -10°C to 120°C  
EPDM: -10°C to 120°C  
Viton: -10°C to 150°C

DN	50	65	80	100	125	150	200
<b>A</b>	43	46	46	52	56	56	60
<b>B</b>	89	102	118	150	174	205	260
<b>C</b>	62	69	90	106	119	131	166
<b>D</b>	126	136	150	170	180	200	230
<b>E*</b>	125	125	125	125	133	190	209
<b>F</b>	124	124	124	124	164	157	182
<b>Op. Time 90° 50/60hz Sec.</b>	13	13	13	13	22/18	28/23	40/33
<b>Actuator Type</b>	JV-E05	JV-E05	JV-E05	JV-E05	JV-E10	JV-E16	JV-E28
<b>Weight Kg</b>	3.4	6.0	6.7	7.4	9.9	15.7	25.7

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>	Stainless Steel (316)
<b>Liner</b>	PTFE (Option of EPDM - WRAS Approved & Viton - Up to 150°C on request)
<b>Disc</b>	Stainless Steel (316)
<b>Shaft</b>	Stainless Steel (316)

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