



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

ACTUATOR SPECIFICATIONS

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

BUTTERFLY VALVE MATERIALS

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

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