



## JV240017

**Ductile Iron Body  
NBR Lined  
Butterfly Valve  
c/w JV-E Electric Actuator  
Length to EN558-1 series 20  
Multi-Flange Wafer Type  
PN6/10/16, ANSI 150 & JIS 5/10/16K**



The JV240017 is an economical and robust valve with an NBR liner, offering a long life with low maintenance. Especially suitable for applications where weight and space-saving are important.

This valve is supplied completely assembled with a JV-E electric actuator which is small, light-weight 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 acc. EN558-1 series 20
- 3.1 certification on request
- Economical and robust
- Complete assembled package
- Various voltage options
- Manual override on actuator
- Visual position indicator on actuator

### Pressure & Temperature

Pressure range:-  
16 Bar

Temperature range:-  
-15°C to 80°C

DN	40	50	65	80	100	125	150	200	250	300
A	40	52	68	82	104	127	151	201	252	304
B	61	67	74	82	100	112	134	159	195	220
C	130	141.2	150.4	156.6	168	191	206	237	269	309
D	33	42	46	46	52	56	56	60	68	78
E*	125	125	125	125	125	133	190	209	209	209
F	124	124	124	124	124	164	157	182	182	182
Operation Time 90° 50/60Hz Sec.	13	13	13	13	13	22/18	28/23	40/33	40/33	40/33
Actuator Type	JV-E05	JV-E05	JV-E05	JV-E05	JV-E05	JV-E10	JV-E16	JV-E28	JV-E40	JV-E50
Weight Kgs (approx.)	4	4.1	4.5	5	7	11	15	24	30	42

### 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>

### BUTTERFLY VALVE MATERIALS

<b>Body</b>	Ductile Iron (GGG40)
<b>Liner</b>	NBR
<b>Disc</b>	Aluminium Bronze
<b>Shaft</b>	Stainless Steel

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