



## JV240014

**Ductile Iron  
Marine Quality  
Butterfly Valve  
c/w JV-E Electric Actuator  
Length to EN558-1 series 20  
Multi-Flange Wafer Type  
PN6/10/16/25, ANSI 150 & JIS 5/10K  
(Specify when enquiring)**



The JV240014 is a quality valve with a stream lined disc for high Kv/Cv values, low pressure loss and energy costs.

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

- Lloyds, DNV, ABS & BV type approval
- Face to face acc. EN558-1 series 20
- 3.1 & 3.2 certification on request
- Complete assembled package
- Various voltage options
- Manual override on actuator
- Visual position indicator on actuator

\*\*Valve only & dependent on construction materials

### Pressure & Temperature

Pressure range:-

50-200mm: 16 Bar  
250-1200mm: 10 Bar

Temperature range\*:-

NBR Liner: 0°C to 80°C  
EPDM Liner: -30°C to 110°C  
Viton Liner: 0°C to 200°C

DN (other sizes available)	40	50	65	80	100	125	150	200	250	300
<b>A</b>	40	52	68	82	104	127	151	201	252	304
<b>B</b>	61	67	74	82	100	112	134	159	195	220
<b>C</b>	113	118	126	133	147	160	180	204	245	270
<b>D</b>	33	43	46	46	52	56	56	60	68	78
<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>K</b>	3.5	4.7	11	18	26	35	47	70	91	113
<b>L</b>	23	30	49	68	90	114	140	192	243	293
<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 Kgs</b>	3.5	3.7	4.3	5.1	5.9	8.5	15.7	19.7	29.6	40

### 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 - Option of EPDM & Viton on request
<b>Disc</b>	Aluminium Bronze (AB2) - Option of Stainless Steel (1.4408) on request
<b>Shaft</b>	Stainless Steel

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