



JV240016

**Ductile Iron Body
NBR Lined
Marine Quality
Butterfly Valve
c/w JV-E Electric Actuator
Length to EN558-1 series 13
Double Flange Type
PN6/10/16, ANSI 150 & JIS 5/10K
(Specify when enquiring)**



The JV240016 is a quality valve with a stream lined disc for high Kv/Cv values, low pressure loss and energy costs. 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, 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 13
- 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
A	40	52	68	82	104	127	151	201	252	304
B	61	67	74	82	99.5	111.5	134	172	203	223
C	113	118	126	133	147	160	180	204	245	270
D	106	108	112	114	127	140	147	152	165	178
E*	125	125	125	125	125	133	190	209	209	209
F	124	124	124	124	124	164	157	182	182	182
K	-	-	-	-	-	-	5.4	25	43	63
L	-	-	-	-	-	-	56	132	190	246
Op 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	8.8	9.3	10.1	11.3	14.4	19.3	29.3	52.4	41.4	86.4

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	Ductile Iron (GGG40)
Liner	NBR - Option of EPDM & Viton on request
Disc	Aluminium Bronze (AB2) - Option of Stainless Steel (1.4408) on request
Shaft	Stainless Steel

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