



JV241041

Ductile Iron

Marine Quality

Lugged Butterfly Valve

c/w JV-M Electric Actuator

Lugged & Tapped: PN6/10/16, ANSI 150 & JIS 5/10K
(Specify when enquiring)



The JV241041 is a Marine quality Lugged Butterfly 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-M electric actuator which has an Exd IP67 enclosure as standard and offers high output torques.

Approvals, Features & Benefits

- LR, DNV, ABS & BV type approval
- Exd - IP67
- Face to face acc. EN558-1 series 20
- 3.1 & 3.2 certification on request
- Complete assembled package

Pressure & Temperature

Pressure range:-

DN40-DN200: 16 bar
DN250-DN600: 10 bar

Temperature range*:-

NBR Liner: -15°C to 80°C
EPDM Liner: -30°C to 110°C
Viton Liner: 0°C to 200°C

DN	40	50	65	80	100	125	150	200	250	300	350	400	450	500	600
A	33	42	46	46	52	56	56	60	68	78	78	102	114	127	154
B	113	118	126	133	147	160	180	204	245	270	315	350	375	415	465
C	61	67	74	82	100	112	134	159	195	220	282	307	352	387	452
D*	194	194	194	194	194	235	235	235	390	390	390	390	455	455	455
E	144	144	144	144	144	178	178	178	303	303	303	303	315	315	315
Op. Time 90°	15	15	15	15	15	30	30	30	40	40	48	48	35	35	48
Actuator Type	JV-M1	JV-M1	JV-M1	JV-M1	JV-M1	JV-M2	JV-M2	JV-M2	JV-M4	JV-M4	JV-M4	JV-M4	JV-M5	JV-M5	JV-M5
Weight Kgs	6	6	7	8	9	20	22	28	48	58	77	90	145	180	238

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

ACTUATOR SPECIFICATIONS

Enclosure	Anti-Explosive Exd IIC T6Gb - IP67	Anti-condensation Heater	5W (110V,220VAC) 15W (24VDC)
Power Supply	110v AC (50/60Hz), 220v AC (50/60Hz), 24v DC, 440v AC 3ph 50/60Hz	Manual Override	Hand wheel (Self-contained)
Duty Cycle (on-off)	S2, 20%~50%, 10~30mins	Movement Angle	90° ± 5°
Duty Cycle (modulating)	S4, 30%~50%, 300~1200 times/hr	Housing Material	Polyester powder coated Aluminium Alloy
Motor	Induction Type Electric Motor, Class F	Terminal Block	Push Button
Limit Switches	1 each for open & close position, 1 each for feedback open & close position (250V,10A)	Case Colour	Blue
Torque Protection	Electronic torque protection device to monitor running current in motor		

ACTUATOR OPTIONS

For all actuator option please refer to JV-M datasheet : <https://www.johnsonvalves.co.uk/Data/240109-JV-M-Actuator-Actuated-Valve.pdf>

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