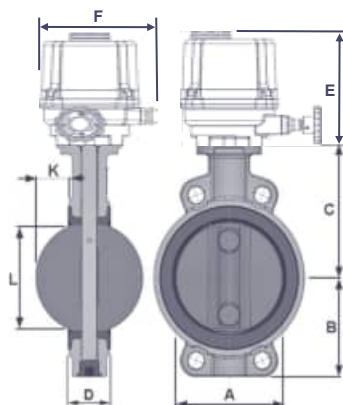




JV241040

Marine Quality
Electrically operated
Wafer Butterfly Valve

Multi-Flange
PN6/10/16/25, ANSI 150 & JIS 5/10K
(Specify when enquiring)



The JV241040 is a marine 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-M electric actuator which has an Exd enclosure as standard and offers high output torques.

Approvals, Features & Benefits

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

Pressure & Temperature

Pressure range:-

50-200mm: 16 Bar
250-1200mm: 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	40	52	68	82	104	127	151	201	252	304	340	397	438	489	590
B	61	67	74	82	100	112	134	159	195	220	295	319	352	387	453
C	113	118	126	133	147	160	180	204	245	270	315	350	375	415	562
D	33	43	46	46	52	56	56	60	68	78	78	102	114	127	154
E*	194	194	194	194	194	235	235	235	351	351	351	351	393	393	393
F	144	144	144	144	144	178	178	178	303	303	303	303	315	315	315
K	3.5	4.7	11	18	26	35	47	70	91	113	128	144	163	182	219
L	23	30	49	68	90	114	140	192	243	293	324	376	426	475	572
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	5	5.5	6.2	6.5	7.5	18	19.5	23.7	43.2	55.4	76.8	97.1	156	188	261

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