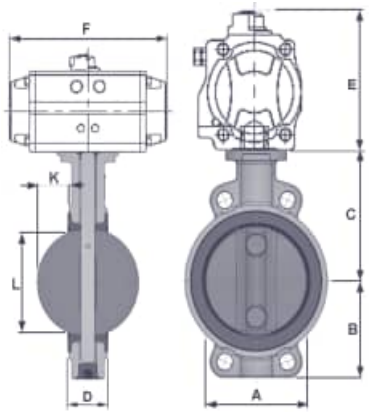

JV240026

Ductile Iron Marine Quality Butterfly Valve c/w Pneumatic Actuator

Length to EN558-1 series 20

Multi-Flange Wafer Type

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

The JV240026 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 either single (spring return) or double acting pneumatic actuators.

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
- Air connection to Namur/VDE 3845 on actuator
- Double or single (spring return) acting actuator

**Valve only & dependent on construction materials

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 (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	100	112	134	159	195	220
C	113	118	126	133	147	160	180	204	245	270
D	33	43	46	46	52	56	56	60	68	78
E* (s)	109	109	109	120	133	143	191	(m)	230	262
E* (d)	109	109	109	109	109	120	133	156	191	208
F (s)	189	189	189	210	229	264	337	377	412	488
F (d)	189	189	189	189	189	210	229	266	337	377
K	3.5	4.7	11	18	26	35	47	70	91	113
L	23	30	49	68	90	114	140	192	243	293
Weight Kgs (s)	4.2	4.4	5.6	7.3	11.4	14	22.7	40	68.2	86.6
Weight Kgs (d)	4	4.2	4.8	5.6	6.9	10.2	14.1	22.4	36.9	46.3

(s) Single acting (d) Double acting (m) Mounting kit required - please contact sales for height dimension

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 70ºC, contact sales for details and overall height dimensions

All data is designed as a guide and should not be regarded as wholly accurate in every detail
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