



JV240029
Ductile Iron Body
EPDM Lined
Butterfly Valve
c/w Pneumatic Actuator
Length to EN558-1 series 20
Multi-Flange Wafer Type
PN6/10/16, ANSI 150 & JIS 5/10/16K



The JV240029 is an economical and robust valve with an EPDM liner, offering a long life with low maintenance. 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

- Face to face to ISO 5752/EN 558-1
- Flange gaskets not required
- Suitable with PN10/16 ANSI 150 Flanges
- Economical and robust
- Complete assembled package
- Air connection to Namur/VDE 3845 on actuator
- Double or single (spring return) acting actuator

Pressure & Temperature

Maximum pressure:-
16 bar

Temperature range:-
-30°C to 120°C

DN	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	130	141.2	150.4	156.6	168	191	206	237	269	309
D	33	43	46	46	52	56	56	60	68	78
E* (s)	109	109	109	120	143	156	191	(m)	262	(m)
E* (d)	109	109	109	109	120	133	143	191	208	230
F (s)	189	189	189	210	264	266	337	412	488	550
F (d)	189	189	189	189	210	229	264	337	377	412
Approx. Weight Kgs (s)	4.9	5	5.3	6.9	10.4	14.8	21.2	38.1	54.3	80.9
Approx. Weight Kgs (d)	4.6	4.7	5.1	6.5	7.5	11.4	13.8	25.2	34.3	52.7
Actuator Type (s)	VT065	VT065	VT065	VT075	VT095	VT110	VT125	VT160	VT190	VT210
Actuator Type (d)	VT065	VT065	VT065	VT065	VT075	VT085	VT095	VT125	VT140	VT160

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

ACTUATOR SPECIFICATIONS	
Enclosure	IP68 Watertight (IP68 5m 120hr)
Power Supply	110V & 250V AC 50/60Hz / 24V AC 50/60Hz / 24VDC / 380V & 440V 3PH
Indicator	Dome Type Mechanical
Limit Switches	2 x Open / 2 x Close, SPDT, 250V AC
Space Heater	110/220V AC Anti-condensation
Travel Angle	90° ± 5°
Casing Material	Aluminium Alloy, Dry Power Polyester Coated
Terminal Block	Push Button
Ambient Temperature	-20 to 60°C
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	EPDM
Disc	Stainless Steel
Shaft	Stainless Steel

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