



JV240001
Series CBF / J9
Ductile Iron (25-32mm)
Cast Iron (40-300mm)
EPDM Lined
Butterfly Valve
c/w JV-E Electric Actuator
Multi-Flange Wafer Type
PN6/10/16, ANSI150 & BST D/E



The JV240001 is a WRAS approved general purpose valve with an EPDM liner, offering a long life with low maintenance. Self-lubricating bearings ensures perfect guiding and turning of the shaft without seizure or premature wear.

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

- WRAS approved valve**
 - Epoxy coated body
 - Complete assembled package
 - Various voltage options
 - Manual override on actuator
 - Visual position indicator on actuator
- ** 50mm - 300mm only, contact sales for options

Pressure & Temperature

Pressure range:-
25-250mm: 16 Bar
300mm: 10 Bar

Temperature range*:-
-10°C to 120°C

DN	25	32	40	50	65	80	100	125	150	200	250	300
A	33	33	33	43	46	46	52	56	56	60	68	78
B	65	73	82	89	102	118	150	174	205	260	318	376
C	51	56	63	62	69	90	106	119	131	166	202	235
D	104	110	116	126	136	150	170	180	200	230	266	292
E*	125	125	125	125	125	125	125	133	190	209	209	209
F	124	124	124	124	124	124	124	164	157	182	182	182
Op. Time 90° 50/60hz Sec.	13	13	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-E05	JV-E05	JV-E10	JV-E16	JV-E28	JV-E40	JV-E50
Weight Kg	2.9	2.9	3.1	4	4.7	5.4	6.1	8.6	9.5	16.3	25.1	32.4

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	Cast Iron (Ductile Iron for DN25 & DN32)
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