



JV240002

Series CBF / J9

Cast Iron
(Ductile Iron for DN25 & DN32)
EPDM Lined Butterfly Valve
c/w Pneumatic Actuator
Multi-Flange Wafer Type
PN6/10/16, ANSI150, BST D & E



The JV240002 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 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

- WRAS approved valve**
- Epoxy coated body
- Complete assembled package
- Air connection to Namur/VDE 3845 on actuator
- Double or single (spring return) acting 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* (s) | 90 | 90 | 109 | 120 | 133 | 133 | 143 | 191 | 191 | 230 | (m) | (m) |
| E* (d) | 90 | 90 | 90 | 90 | 109 | 109 | 120 | 133 | 143 | 191 | 208 | 230 |
| F (s) | 154 | 154 | 189 | 210 | 229 | 229 | 264 | 337 | 337 | 412 | 488 | 550 |
| F (d) | 154 | 154 | 154 | 154 | 189 | 189 | 210 | 229 | 264 | 337 | 377 | 412 |
| Weight Kg (s) | 5.2 | 5.2 | 4.9 | 5.8 | 9.4 | 12.2 | 17 | 21.8 | 29.8 | 46.6 | 66.7 | 96 |
| Weight Kg (d) | 3.7 | 3.7 | 3.4 | 4.3 | 5.9 | 7.7 | 9.7 | 13.2 | 15.6 | 29 | 48.4 | 62.2 |

(s) Single acting (d) Double acting (m) Mounting kit required

ACTUATOR SPECIFICATIONS

| | | | |
|---------------------|---|---------------------|-----------------|
| Air Pressure | 2.5 to 8 bar (Based on 5.5 bar air supply as standard) | Body | Aluminium alloy |
| Ambient Temp | -15 to 80°C (Low and high temp versions also available) | Springs | Stainless Steel |
| Cycle Life | 1,000,000 Operations | Piston Seals | Nitrile |
| Indicator | Multifunctional position indicator for visual inspection | Piston | Aluminium alloy |
| Travel Stops | External adjustable \pm 5% in both open & closed position | End Caps | Aluminium alloy |

ACTUATOR OPTIONS

| | |
|-------------------|--|
| APL | Valve Position Monitor (Limit Switchboxes) |
| 551 Series | NUMAR Solenoid Spool Valves |
| HGO | Declutch Manual Override |

VALVE MATERIALS

| | |
|--------------|--|
| Body | Cast Iron (Ductile Iron for DN25 & DN32) |
| Liner | EPDM |
| Disc | Stainless Steel 316 |
| Shaft | Stainless Steel 316 |

*Special actuator mounting kit required for temperatures above 80°C, contact sales for details and overall height dimensions