



## JV241027

**Cast Iron**  
**NBR or EPDM**  
**Unidirectional**  
**Knife Gate Valve**  
**c/w Double Acting Pneumatic Actuator**  
**Lug Type**  
**Between PN10 Flanges**



The JV241027 is a Double-acting pneumatic Knife Gate valve which is used to control the flow of fluids, slurries, or other materials. It is typically used in applications where a tight shut-off is required, such as in the chemical, petrochemical, and mining industries.

This valve and actuator is supplied fully assembled and tested before dispatch.

A great solution for any process that has large particles or debris.

### Approvals, Features & Benefits

- Suitable for EN 1092-2 PN10 flanges
- Rilsan painted body
- Complete assembled package
- EPDM or NBR Seat Options
- Double Acting Actuator
- Actuator Control Pressure: 5 to 7 bar

### Pressure & Temperature

Pressure range:-

DN50-200: 10 bar  
DN250: 8 bar  
DN300: 6 bar  
DN350-400: 4 bar  
DN450-600: 3 bar

Temperature range:-

NBR: -10°C to +90°C  
EPDM: 0°C to 110°C

DN	50	65	80	100	125	150	200	250	300	350	400	450	500	600
A	40	40	50	50	50	60	60	70	70	96	100	106	110	110
B	125	140	155	175	190	220	275	325	380	440	495	550	615	715
C	92	92	92	92	102	102	120	120	120	290	290	290	290	290
G	96	96	96	115	138	138	175	218	218	270	270	382	382	382
H	400	442	483	546	630	692	869	1032	1182	1379	1535	1677	1839	2145
Air Ports (BSP)	G 1/4"	G 1/4"	G 1/4"	G 1/4"	G 1/4"	G 1/4"	G 1/4"	G 1/4"	G 1/4"	G 3/8"	G 3/8"	G 3/8"	G 1/2"	G 1/2"
Actuator volume (liter)	0.4	0.5	0.6	1	1.9	2.3	4.8	9.4	11.2	20	23	51	57	70
Weight Kg	9	11	12	13	18	22	40	50	65	120	150	188	220	268

### VALVE MATERIALS

Body	Rilsan Coated Cast Iron
Seat	EPDM or NBR
Gate	Stainless Steel
Shaft	Stainless Steel

### ACTUATOR SPECIFICATIONS

Air Pressure	5 to 7 bar	Body	Aluminium alloy
Ambient Temp	-20 to +60°C	Stem	Stainless Steel
Type	Linear	End Caps	Aluminium alloy

### ACTUATOR OPTIONS

Filter Regulator on compressed air supply	Limit Switches (open & closed)
5/2 pilot solenoid valve (12VDC, 24VDC, 110VAC, 230VAC)	Position Detectors P+F 10-36V DC PNP NO 3 threads with 2m wire
Silencer	Stainless Steel Lateral Bracket