



JV241034
Cast Iron
NBR or EPDM
Unidirectional
Knife Gate Valve
c/w Auma Electric Actuator
Lug Type
Between PN10 Flanges



The JV241034 is an electrically operated 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
- On/off Multi-turn Electric Operation
- Actuator Voltage: 230VAC or 400VAC

Pressure & Temperature

Pressure range:-
DN50-200: 10 bar
DN250: 8 bar
DN300: 6 bar
DN350-400: 4 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 |
|-----------------|--------|--------|--------|--------|--------|--------|--------|--------|------|------|------|
| A | 40 | 40 | 50 | 50 | 50 | 60 | 60 | 70 | 70 | 96 | 100 |
| B | 63 | 70 | 92 | 105 | 120 | 130 | 160 | 198 | 234 | 256 | 292 |
| C | 335 | 350 | 375 | 420 | 450 | 509 | 610 | 710 | 817 | 920 | 1030 |
| D | 187 | 187 | 187 | 187 | 187 | 187 | 187 | 187 | 193 | 193 | 193 |
| E | 476 | 476 | 476 | 476 | 476 | 476 | 476 | 476 | 476 | 476 | 476 |
| G | 160 | 160 | 160 | 160 | 160 | 160 | 160 | 160 | 200 | 200 | 200 |
| H | 237 | 237 | 237 | 237 | 237 | 237 | 237 | 237 | 247 | 247 | 247 |
| I | 477 | 477 | 477 | 477 | 477 | 477 | 477 | 477 | 479 | 479 | 479 |
| Actuator | SA07.2 | SA07.2 | SA07.2 | SA07.2 | SA07.6 | SA07.6 | SA07.6 | SA07.6 | SA10 | SA10 | SA10 |
| Power (W) | 100 | 100 | 100 | 100 | 200 | 200 | 200 | 200 | 400 | 400 | 400 |
| Starting up (A) | 2.4 | 2.4 | 2.4 | 2.4 | 4.6 | 4.6 | 4.6 | 4.6 | 8.5 | 8.5 | 8.5 |
| Normal (A) | 1.0 | 1.0 | 1.0 | 1.0 | 1.6 | 1.6 | 1.6 | 1.6 | 2.5 | 2.5 | 2.5 |
| Op. Time (S) | 36 | 42 | 54 | 66 | 84 | 102 | 108 | 132 | 162 | 156 | 180 |
| Weight Kg | 27 | 28 | 29 | 30 | 34 | 37 | 48 | 62 | 75 | 135 | 157 |

VALVE MATERIALS

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

ACTUATOR SPECIFICATIONS

| | | | |
|------------|----------------------------|---------------|----------------------------|
| Voltage | 230V AC 1ph or 400V AC 3ph | Duty factor | S4-25% / 10 cycles by hour |
| Protection | IP 68 | Room Temp | -25 / +55°C |
| Type | Multi-turn | Body material | Aluminium Alloy |

ACTUATOR OPTIONS

| | |
|---------------|--------------------|
| Potentiometer | Local Control Unit |
|---------------|--------------------|