



## JV230007

**Direct Acting  
General Purpose  
Solenoid Valve**

**2/2  
Normally Closed**

**BSP Threaded  
(NPT on request)**



The JV230006 is a direct acting general purpose solenoid valve suitable for air, water and light oils up to 50 centistokes.

The valve is supplied with NBR seals and gaskets as standard with the option of EPDM, FKM, Silicone, Hypalon, FFKM and HNBR on request.

This two way valve is normally closed and energised to open.

### Approvals, Features & Benefits

- Suitable for a wide range of duties
- Direct acting - no minimum pressure required
- Various operating voltage options
- Compact & lightweight
- Supplied with a 15w coil
- LED DIN connector

### Pressure & Temperature

Pressure range :-

0 to 10 bar  
10<sup>-6</sup> Vacuum

Temperature range:-

NBR : 0°C to 100°C (Standard)  
FKM : 0°C to 120°C  
EPDM : 0°C to 120°C  
Ambient : -20°C to 60°C

\* Dependent on coil voltage & wattage

| BSP                    | 3/8" | 1/2" | 3/4" | 1"    | 1 1/4" | 1 1/2" | 2"    |
|------------------------|------|------|------|-------|--------|--------|-------|
| A                      | 75   | 75   | 85   | 100   | 120    | 120    | 150   |
| B                      | 52   | 52   | 60   | 70    | 90     | 90     | 120   |
| C                      | 103  | 103  | 114  | 120   | 140    | 140    | 160   |
| Orifice                | 15   | 15   | 20   | 25    | 35     | 35     | 51    |
| AC Max. Pressure (bar) | 10   | 10   | 10   | 10    | 10     | 10     | 7     |
| DC Max. Pressure (bar) | 7    | 7    | 7    | 7     | 7      | 7      | 5     |
| Kv (litres/min)        | 64.4 | 64.4 | 133  | 188.8 | 371.8  | 400    | 686.4 |
| Weight Kg              | 1.1  | 1.1  | 1.3  | 1.5   | 2.8    | 2.8    | 4.8   |

### MATERIALS

|                       |   |
|-----------------------|---|
| Valve Body            | Brass   |
| Tube & Internal Parts | Stainless Steel   |
| Seals & Gaskets       | NBR • Optional EPDM, FKM, Silicone, Hypalon, FFKM and HNBR on request |

### TECHNICAL DATA

|  |   |
|--|---|
| AC Voltage Options (±10%) - Continuous Duty 100% | 24V • 48V • 110V • 240V • 380V (50/60 Hz)   |
| DC Voltage Options (±10%) - Continuous Duty 100% | 12V • 24V • 48V • 110V                      |
| Opening Time                                     | <50 millisecond                             |
| Closing Time                                     | <50 millisecond                             |
| Coil Insulation                                  | Class H - 180°C                             |
| Electrical Connections                           | 3 Spades • DIN 46650A • DIN 40050 • VDE0110 |
| Power Consumption                                | 18W - Inrush: 18.7VA - Holding: 15.3VA      |
| Protection Class                                 | IP65 with connector                         |

### OPTIONS

|   |
|---|
| ATEX Coil - EExmIIIT4 II 2G & 2D IP65 T130°C (Max. 3 bar) |
| NPT Threaded  |
| Manual Override   |

### AVAILABLE SPARES

|                |
|----------------|
| Diaphragm Seal |
| Coil           |