



## JV230004

Direct Acting  
General Purpose  
Solenoid Valve

2/2  
Normally Closed

BSP Threaded  
(NPT on request)



The JV230004 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 and HNBR on request.

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

### Approvals, Features & Benefits

- Suitable for air, water and light oils
- Direct acting - no minimum pressure required
- Various operating voltage options
- Compact & lightweight
- Supplied with 15 watt coil as standard
- Optional 18.5 watt coil for higher pressure

### Pressure & Temperature

Pressure range :-

Up to 16 Bar\*  
80% Vacuum

Temperature range:-

NBR : 0°C to 80°C (Standard)  
FKM : 0°C to 120°C  
EPDM : 0°C to 150°C  
Ambient : -20°C to 60°C

\* Dependent on coil voltage & wattage

BSP	3/8"	1/2"	3/4"	1"
A	66.5	66.5	71.0	96.0
B	101.0	101.0	107.0	120.5
C	48.0	48.0	58.0	70.0
Orifice	13	13	20	25
AC Max. Pressure - 15W coil (bar)	8.5	8.5	8.5	7
DC Max. Pressure - 15W coil (bar)	5	5	5	5
AC/DC Max. Pressure - 18.5W coil (bar)	12	12	16	16
Kv (litres/min)	35	35	72	183
Weight Kg	0.74	0.72	0.95	1.49

### MATERIALS

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

### TECHNICAL DATA

AC Voltage Options (±10%) - Continuous Duty 100%	12V • 24V • 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	15W - Inrush: 23VA - Holding: 17VA • 18.5W - Inrush: 33VA - Holding: 24VA
Protection Class	IP65 with connector

### OPTIONS

ATEX Coil - EExmIIIT4 II 2G & 2D IP65 T130°C (Max. 3 bar)
NPT Threaded
18.5 Watt Coil for 12/16 bar pressure

### AVAILABLE SPARES

Diaphragm Seal
Coil
Complete Plunger Assembly