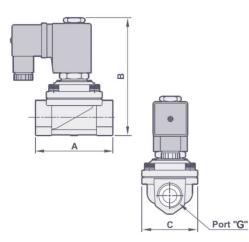


Solenoid & Spool Valves



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:-

 $\label{eq:NBR: 0°C to 80°C (Standard)} \begin{array}{l} \mathsf{NBR}: 0°C \text{ to 80°C (Standard)} \\ \mathsf{FKM}: 0°C \text{ to 120°C} \\ \mathsf{EPDM}: 0°C \text{ to 150°C} \\ \mathsf{Ambient}: -20°C \text{ to 60°C} \end{array}$

* Dependent on coil voltage & wattage

BSP	3/8"	1/2"	3/4"	1"
А	66.5	66.5	71.0	96.0
В	101.0	101.0	107.0	120.5
С	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		

OPTIONSAVAILABLE SPARESATEX Coil - EExmIIIT4 II 2G & 2D IP65 T130°C (Max. 3 bar)Diaphragm SealNPT ThreadedCoil18.5 Watt Coil for 12/16 bar pressureComplete Plunger Assembly