



JV230009

**Servo Assisted
General Purpose
Solenoid Valve**

2/2

Normally Open

**BSP Threaded
(NPT on request)**



The JV230009 is a servo assisted 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 open and energised to closed.

Approvals, Features & Benefits

- Suitable for air, water and light oils
- Servo assisted - min. pressure required
- Various operating voltage options
- Supplied 15w coil (16w coil for 2½" & 3")
- Spares available

Pressure & Temperature

Maximum pressure:-

15 Bar

Differential pressure range :-

0.5 to 10 Bar

Min. 0.3 bar for 2½" & 3"

Temperature range:-

NBR : 0°C to 80°C (Standard)

FKM : 0°C to 120°C

EPDM : 0°C to 120°C

G BSP	3/8"	1/2"	3/4"	1"	1¼"	1½"	2"	2½"	3"
Orifice	13	13	25	25	38	38	50	65	75
A	66.5	66.5	96	96	131.5	131.5	160	245	250
B	106.5	106.5	126.5	126.5	145.5	145.5	160.5	178	188
C	48	48	70	70	96	96	112	184	184
Kv (litres/min)	40	40	165	165	367	500	600	1050	1380
Weight Kg	0.8	0.8	1.6	1.6	2.6	2.6	3.9	9.4	11.4

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%) - Cont. Duty 100% - 15w Coil	12V • 24V • 48V • 110V • 240V • 380V (50/60 Hz)
DC Voltage Options (±10%) - Cont. Duty 100% - 15w Coil	12V • 24V • 48V • 110V • 220V
AC Voltage Options (±10%) - Cont. Duty 100% - 16w Coil	24V • 48V • 110V • 230V (50/60 Hz)
DC Voltage Options (±10%) - Cont. Duty 100% - 16w Coil	12V • 24V • 48V
Opening Time	<50 millisecond
Closing Time	<50 millisecond
Coil Insulation	15w : Class H - 180°C • 16w : Class F - 155°C
Electrical Connections	3 Spades • DIN 46650A • DIN 40050 • VDE0110
Power Consumption	15W - Inrush: 23VA - Holding: 17VA • 16W - Inrush: 25VA - Holding: 15VA
Protection Class	IP65 with connector

OPTIONS

ATEX Coil EExmII T4 II 2G & 2D IP65 T130°C
NPT Threaded (not available in 2½" & 3")

AVAILABLE SPARES

Diaphragm Seal
Coil
Armature Assembly