



JV230005

**Servo Assisted
Steam & High Temperature
Solenoid Valve**

2/2
Normally Closed

**BSP Threaded
(NPT on request)**



The JV230005 is a servo assisted solenoid valve suitable for steam & high temperature water, light oil and air.

The valve is supplied with PTFE seals and gaskets.

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

Approvals, Features & Benefits

- Suitable for steam, air, water and light oils
- Servo assisted - 0.5 bar min. pressure required
- Various operating voltage options
- Supplied 18w coil & LED connector as standard
- Optional 22w coil with 30cm flying leads

Pressure & Temperature

Pressure range :-

Steam : 0.5 to 12 Bar
Water / Air : 0.5 to 20 Bar

Temperature range:-

Media : 0°C to 200°C
Ambient : -40°C to 60°C

G BSP	3/8"	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"
Orifice	15	15	20	25	35	35	50
A	75	75	85	100	120	120	150
B	52	52	60	70	90	90	120
C	129	129	141	148	168	168	203
D	67	67	67	67	52	52	52
E	52	52	52	52	45	45	45
F	42	42	42	42	41	41	41
H	14.5	14.5	18	23	33	33	40.5
Kv (litres/min)	64.4	64.4	133	188.8	371.8	371.8	686.4
Weight Kg	1.2	1.1	1.6	1.9	3.3	3.3	6.8

MATERIALS	
Valve Body	Brass
Tube & Internal Parts	Stainless Steel
Seals & Gaskets	PTFE

TECHNICAL DATA	
AC Voltage Options (±10%) - Cont. Duty 100%	24V • 110V • 230V (50/60 Hz)
DC Voltage Options (±10%) - Cont. Duty 100%	12V • 24V
Opening Time	<200 millisecond
Closing Time	<200 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 • 22W - Inrush: 88VA - Holding: 48-67VA
Protection Class	18W Coil : IP65 with connector • Optional 22W Coil : IP54 with 30cm flying leads

OPTIONS	AVAILABLE SPARES
ATEX 2203EX Coil - EExmIIIT4 II 2G & 2D IP65 T130°C (Max. 10 bar)	Piston
NPT Threaded	Coil
Manual Override Circuit	
22W Coil : IP54 with 30cm flying leads	