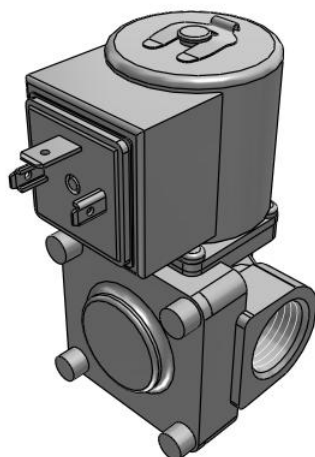


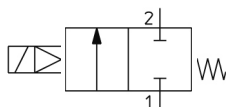


JSXD, Pilot Operated 2-Port Solenoid Valve, N.C. JSXD31-CN04F-5DN

Datasheet

General series information

- Direct /Pilot Operated 2-Port Solenoid Valve
- Applicable fluid: air, water, steam, heated water, vacuum or oil
- Flow rate up to 700 l/min (water)
- Orifice diameter: 1.6 to 50 mm
- Port size: 1/8" to 2"
- Body material: stainless steel, brass, bronze and aluminium
- Coil material: stainless steel
- Enclosure: IP67.



Directional control valve 2/2-way valve, closed normal position With a combination control by solenoid and pilot valve control Return with mechanical control spring

Standard specifications

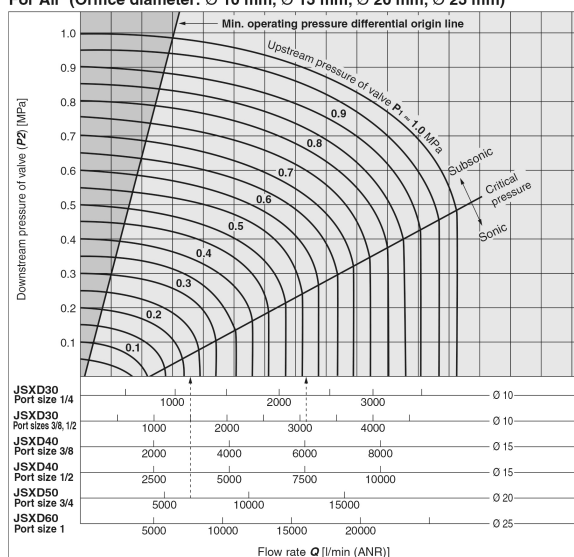
Size	3 (30)
Valve Type	1 (Normally Closed)
Body Material	C (Brass)
Seal Material	N (NBR)
Port Size	04 (1/2)
Thread Type	F (G)
Rated voltage	5 (24 VDC)
Electrical Entry	DN (without DIN Connector, w/Surge Voltage Suppressor)
Oil-free Option	None
Bracket	None
Maximum temperature of pressure medium	60 °C
Minimum temperature of pressure medium	Air: -10 °C, Water: 1 °C, Oil: -5 °C
Maximum operating pressure	1 MPa
Maximum ambient temperature	60 °C
Minimum ambient temperature	-20 °C

Conform to the European RoHS Directive	Conform
Enclosure	IP67 (IP65 for the DIN terminal)
Technical graph 1	1001B_graph1.1_en.jpg;1001B_graph1.2_en.jpg
Graph1 title	Flow Rate Characteristics
Allowable voltage fluctuation	±10% of rated voltage
Allowable leakage voltage	2 % or less of the rated voltage
Power consumption	8 W
Temperature rise	65 °C
Valve Leakage	Air: 2 cm ³ /min, Water and oil: 0.2 cm ³ /min
External Leakage	Air: 1 cm ³ /min, Water and oil: 0.1 cm ³ /min
Weight	0.550 Kg

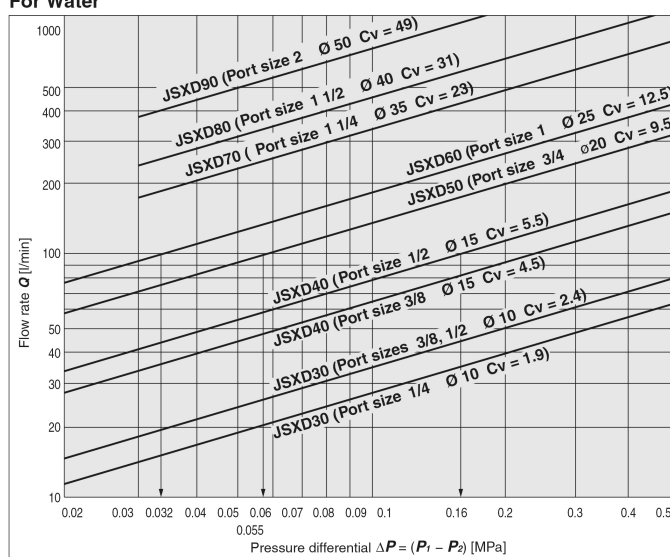
Technical information graphs

Flow Rate Characteristics

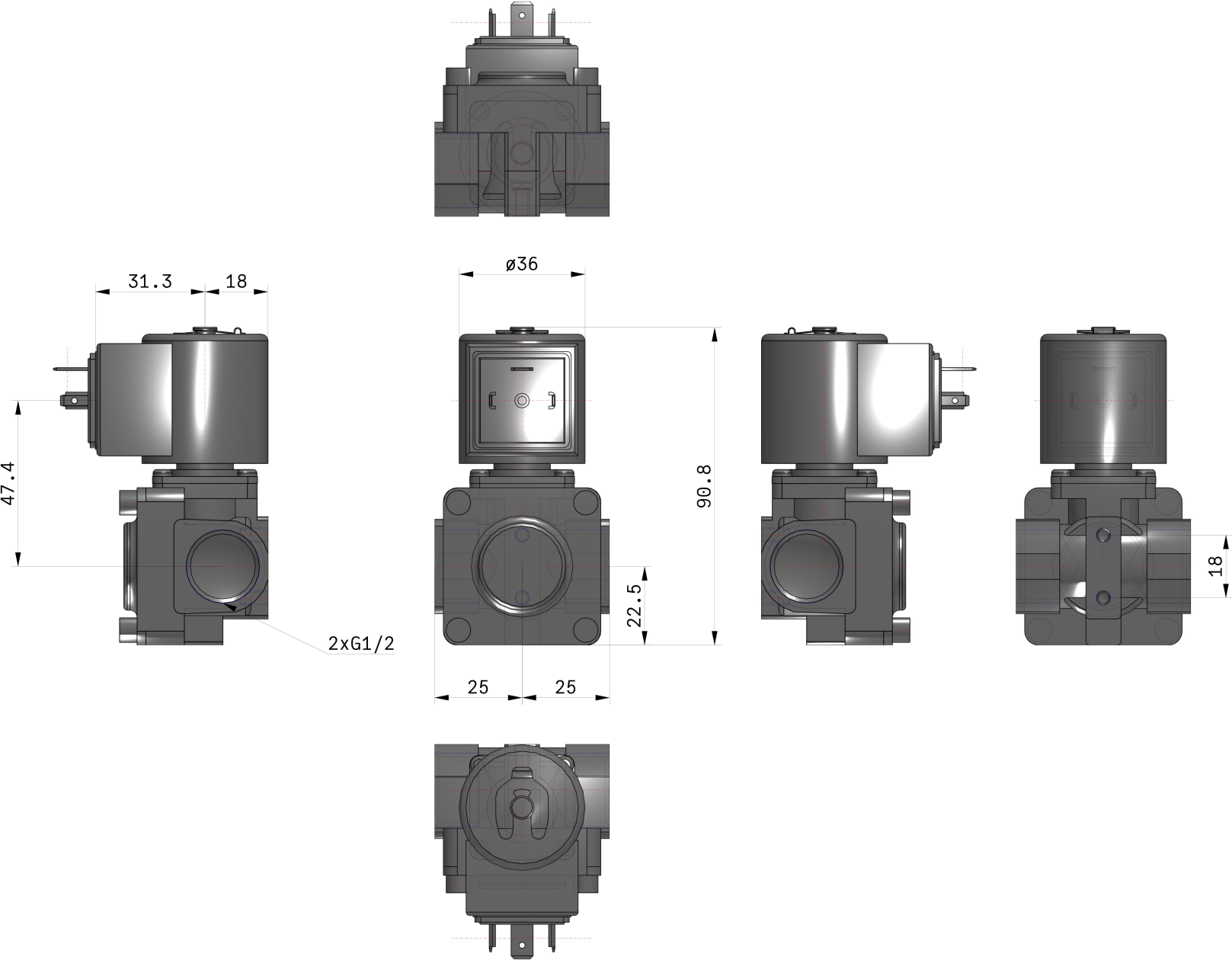
For Air (Orifice diameter: Ø 10 mm, Ø 15 mm, Ø 20 mm, Ø 25 mm)



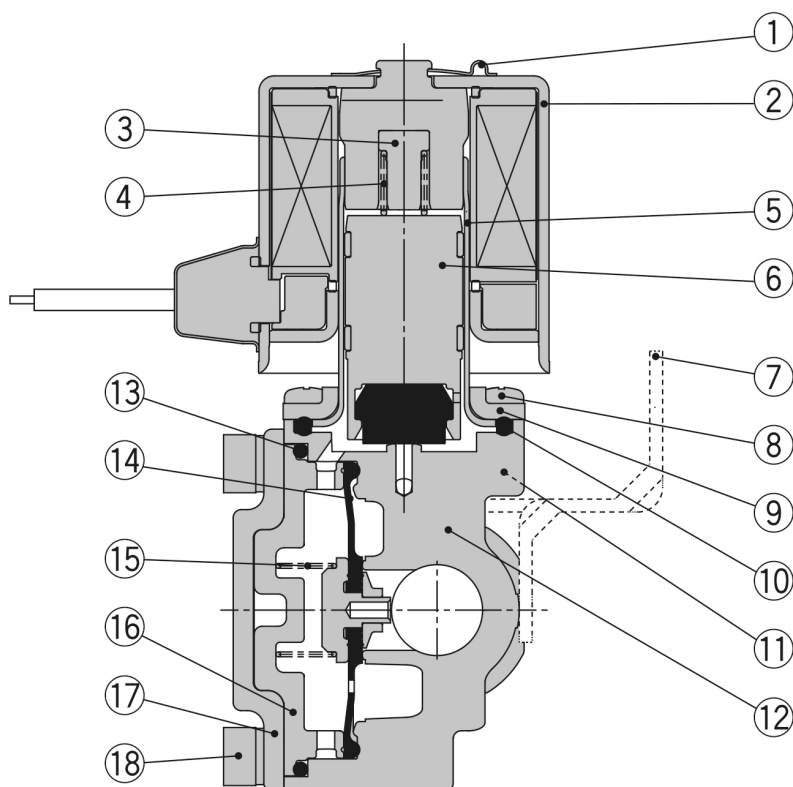
For Water



Dimensions



Constructions



Component Parts

No.	Description	Material		
		Brass	Stainless	Aluminium
1	Clip	Stainless steel		
2	Solenoid coil	Stainless steel, Cu, Resin		
3	Stopper	PPS		
4	Spring	Stainless steel		
5	Tube assembly	Stainless steel		
6	Armature assembly	Stainless steel, PPS, NBR, (FKM, EPDM)		Stainless steel, PPS, NBR, (FKM)
7	Bracket	Fe		
8	Mounting screw	Fe		
9	Bonnet	Stainless steel		
10	Gasket	NBR, (FKM, EPDM)		NBR, (FKM)
11	Bolt	Fe		
12	Body	Brass	Stainless	Aluminium
13	O-ring	NBR, (FKM, EPDM)		NBR, (FKM)
14	Diaphragm assembly	Stainless steel, NBR, (FKM,		Stainless steel, NBR,
15	Valve spring	Stainless steel		
16	Buffer	PPS		
17	Bonnet	Stainless steel		
18	Bolt	Fe		

Additional information

Catalogue	JSX-JSX-E_EU.pdf
Declaration of conformity	newDoC_JSXD_TF1Z311EN.pdf newDoC_JSXD_TF125-544EN.pdf
Installation manuals	IM_JSXD_TF2Y015EN-B.pdf
Operation manuals	OM_JSXD_DOC1029458EN-2.pdf