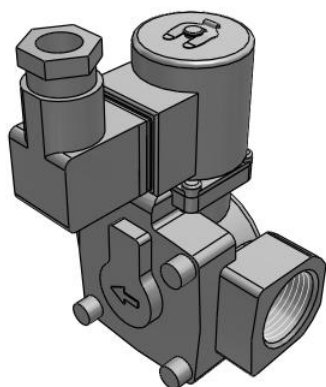




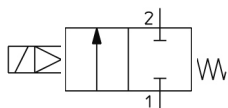
JSXD, Pilot Operated 2-Port Solenoid Valve

JSXD61-CN10F-5DS

Datasheet

General series information

- Applicable fluid: air, water, oil
- Flow rate up to 2200 l/min (water)
- Orifice diameter: 10 to 50 mm
- Port size: 1/4" 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

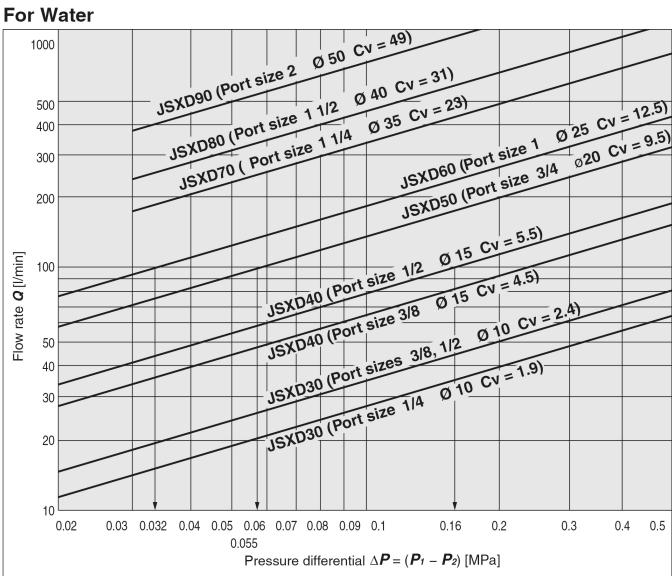
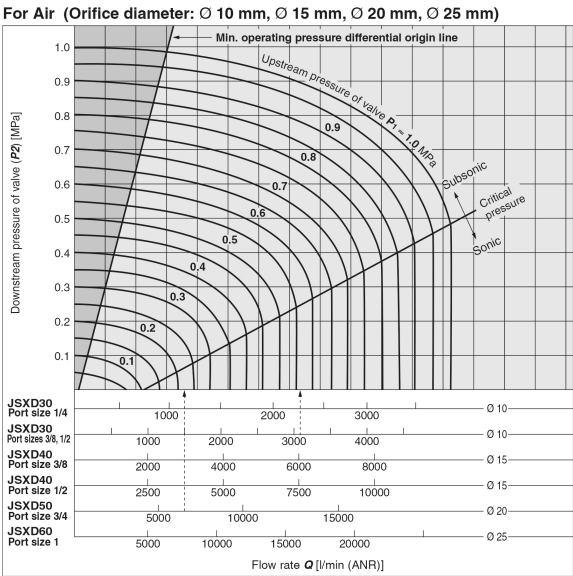
Standard specifications

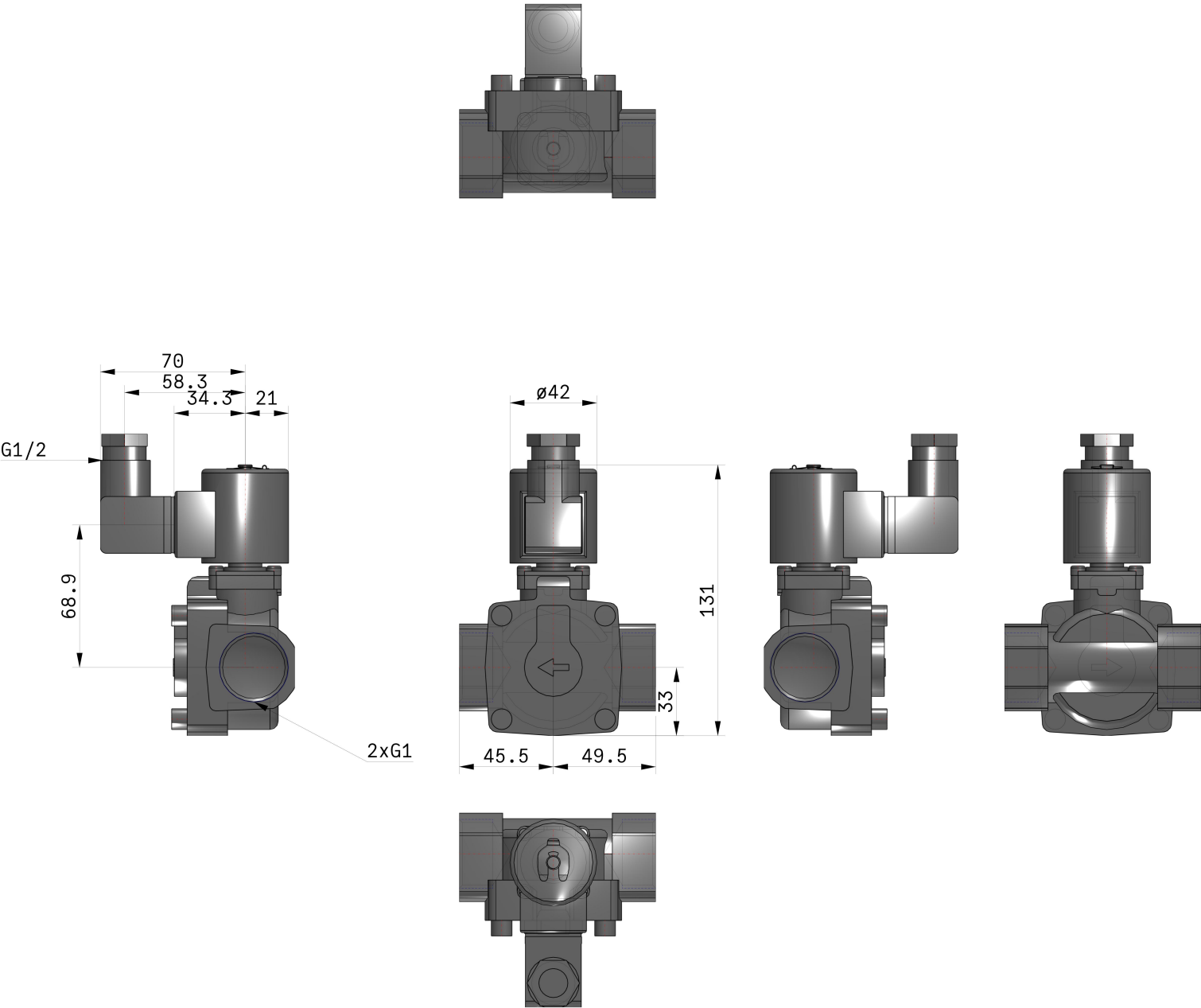
Size	6 (60)
Valve Type	1 (Normally Closed)
Body Material	C (Brass)
Seal Material	N (NBR)
Port Size	10 (1)
Thread Type	F (G)
Rated voltage	5 (24 VDC)
Electrical Entry	DS (DIN Terminal, w/Surge Voltage Suppressor)
Oil-free Option	None
Bracket	None
Maximum temperature of pressure medium	60 °C
Minimum temperature 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)
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 cm³/min, Water and oil: 0.2 cm³/min
External Leakage	Air: 1 cm³/min, Water and oil: 0.1 cm³/min
Weight	1.510 Kg

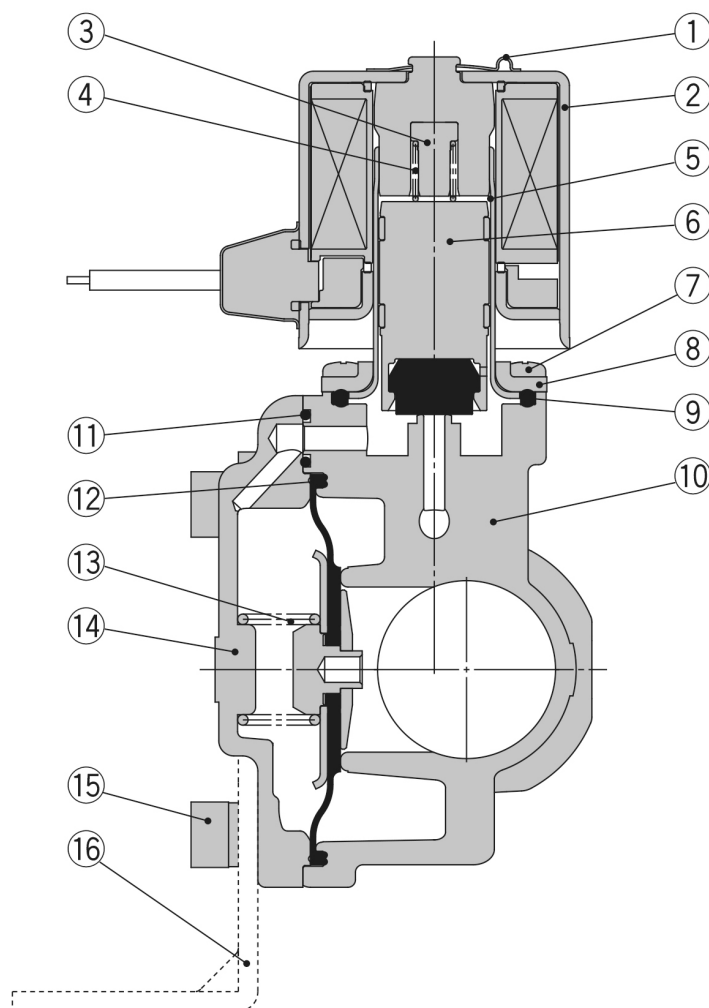
Technical information graphs

Flow Rate Characteristics





Constructions



Component Parts

No.	Description	Material	
		Brass	Stainless steel
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)	
7	Mounting screw	Fe	
8	Bonnet	Stainless steel	
9	Gasket	NBR, (FKM, EPDM)	
10	Body	Brass	Stainless steel
11	O-ring	NBR, (FKM, EPDM)	
12	Diaphragm assembly	Stainless steel, NBR, (FKM, EPDM)	
13	Valve spring	Stainless steel	
14	Bonnet	Brass	Stainless steel
15	Bolt	Fe	
16	Bracket	Fe	

Additional information

Catalogue	JSX-C_EU.pdf
Declaration of conformity	newDoC_JSXD_TF1Z311EN.pdf
Installation manuals	IM_JSXD_TF2Y015EN-B.pdf
Operation manuals	OM_JSXD_DOC1029458EN.pdf