



AYC-4000

GENERAL USE SOLENOID VALVE

GENERAL FEATURES

Solenoid valve; is the name given to electromagnetic valves used to control various fluids such as oil, air, water.

Electrical power is given to the coil so that the piston inside the valve can move. When the electric current moves inside the coil, the piston becomes an electromagnet and moves the piston according to the usage status of the coil. Thus, the inlet channel starts to push the fluid in the direction of the outlet. When

the signal is cut off, the valve returns to its previous state and prevents the passage of the fluid.

Connection: 1/2" Threaded, 2" Threaded

Volt: 220V/AC

Seal Material: NBR (optional EPDM, Viton)

Body Material: Brass

Max. Operating Temperature (NBR): 0°C - 80°C

Max. Operating Temperature (EPDM): 120 °C (Opt.)

Max. Operating Temperature (Viton): 150 °C (Opt.)

Pressure: 0-10 Bar

Protection Class: IP65

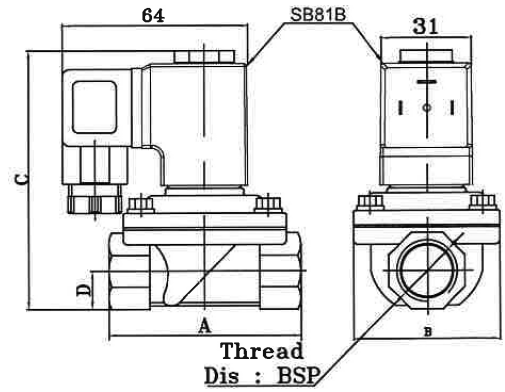
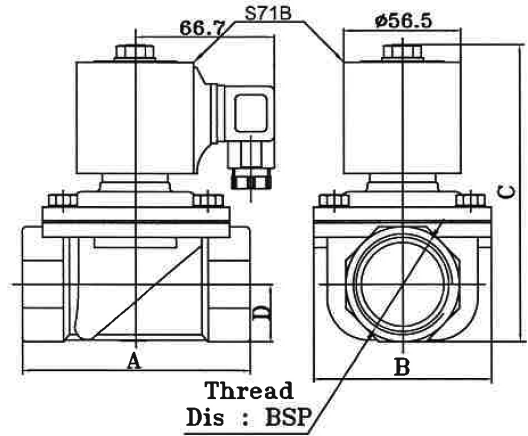
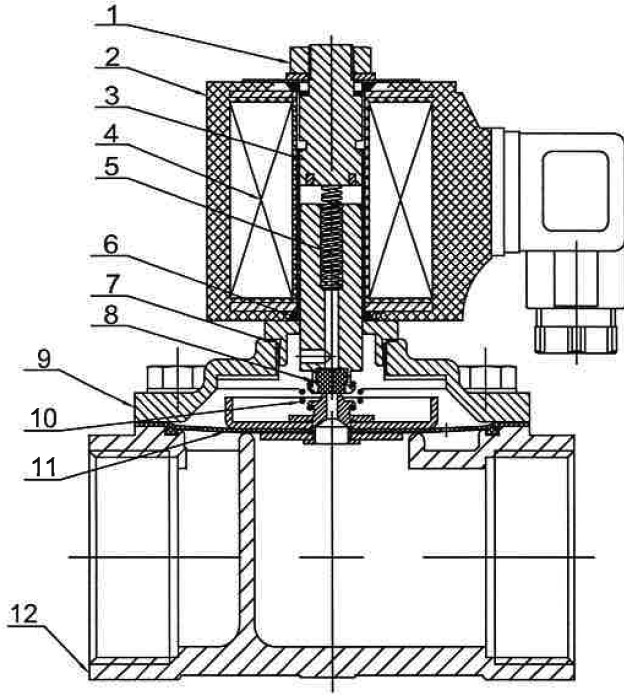
Fluid: Oil, Air, Water

Solenoid Type: Normally Closed (Optional Normally Open)

Contact: NC/NO

INCH	DIA	MIN. PRESSURE	MAX. PRESSURE	GASKET MATERIAL
3/8"	12	0 Bar	10 Bar	NBR (Optional EPDM, Viton)
1/2"	15	0 Bar	10 Bar	
3/4"	20	0 Bar	10 Bar	
1"	25	0 Bar	10 Bar	
1 1/4"	32	0 Bar	10 Bar	
1 1/2"	40	0 Bar	10 Bar	
2"	50	0 Bar	10 Bar	

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LIST OF MATERIALS		
NO	PART	MATERIAL
1	Nut M12x1	SUS304
2	Spacer Ø12	SUS304
3	Induction Coil Pipe	SUS304
4	Winding Coil	
5	Spring	SUS304
6	Pressure Bar	1J117
7	Gasket	NBR(EpdmViton)
8	Gasket	NBR(EpdmViton)
9	Valve	Brass
10	Spring	SUS304
11	Diaphragm	NBR(EpdmViton)+SUS304
12	Body	Brass

TECHNICAL DIMENSIONS				
DN(mm)	A	B	C	D
3/8"	66	50	95	13
1/2"	66	50	95	13
3/4"	66	50	101	16
1"	86	61	108	19.5
1 1/4"	100	71	118	24
1 1/2"	110	86	143	27.5
2"	135	100	162	35