



AYCD

FUEL SOLENOID VALVE

GENERAL FEATURES

The name given as solenoid valve to the electromagnetic valve used to control fluids such as natural gas, air, petroleum products, water etc.

When the signal is interrupted, the valve returns to its original state and prevents the passage of the fluid.

Working Pressure: 0 - 10 bar

Supply: AC 220 V

Connection: 1/2" Threaded, 2" Threaded

Cover Class: IP 65

The bobbin is supplied with electrical power so that the piston in the valve can move. When the electric current moves in the coil, the piston becomes the electromagnet and moves the piston according to the state of use of the coil. Thus, the inlet channel starts to push the fluid in the direction of the output.

Gasket Material: NBR
(Optional EPDM, Viton)

Body Pressure: PN 16

Body Material:
Brass/Stainless Steel

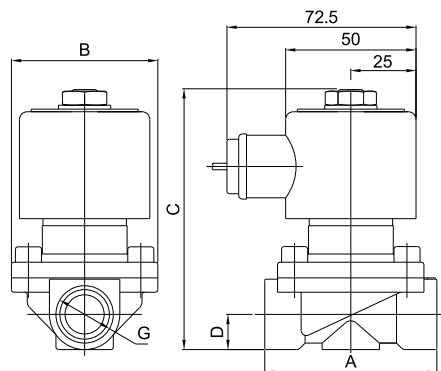
Fluid:
Natural Gas, Air, Water,
Petroleum Products etc.

Working Temperature: -10°C / 80°C

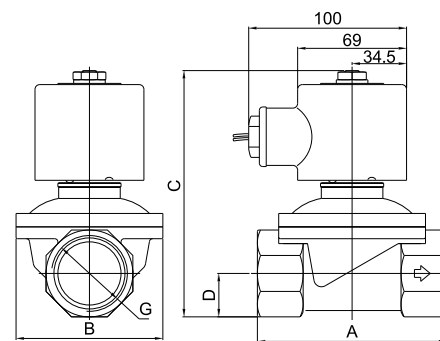
Solenoid Type:
Normally Closed
(Optional Normally Open)

Valve Body	Inch.	Dia.	Cv	Min. Pressure	Max. Pressure AC(220VA)	Gasket Material	Body Material	Coil
AYCD	1/2"	15	4.5	0 bar	10 bar	NBR (Optional EPDM, Viton)	Brass/ Stainless Steel	Y32B
AYCD	3/4"	20	9.3	0 bar	10 bar			Y32B
AYCD	1"	25	12	0 bar	10 bar			Y32B
AYCD	1 1/4"	32	24	0 bar	10 bar			Y42B
AYCD	1 1/2"	40	29	0 bar	10 bar			Y42B
AYCD	2"	50	48	0 bar	10 bar			Y42B

AYCD FUEL SOLENOID VALVE

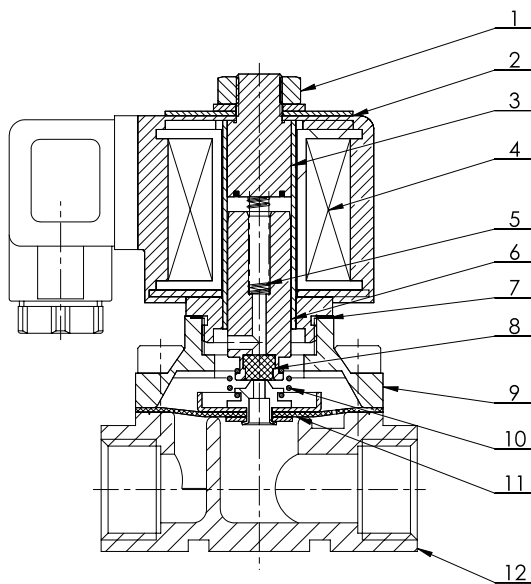


DN15-DN25



DN32-DN50

Body (mm)	15	20	25	32	40	50
A	68	68	97	115	122	166
B	56	56	76	86	93	118.5
C	100	107	115	148	157	182
D	13.5	16.5	20	24	28	36



Part No	Part	Material
1	Nut	304
2	Internal Part	304
3	Induction Coil Pipe	1J117+304
4	Coil Armature	S51B
5	Spring	304
6	Pressure Rod	1J117
7	Nut	PTFE
8	Nut	NBR (Opt. EPDM/Viton)
9	Bonnet	Brass/ Stainless Steel
10	Spring	304
11	Diaphragm	NBR (Opt. EPDM/Viton)
12	Body	Brass/ 304 Stainless Steel



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