2/2 WAY DIRECT ACTING SOLENOID VALVE, ZG3/8"-ZG2"







2W200-20



2W250-25



2W400-40



2W500-50



Protection Degree is IP67, these valves can be supplied with manual operation.



2W250-25A



2W160-15NO



2W160-15Z



2W160-15H

Ordering Code

2W

2W: 2/2 Way

Solenoid Valve

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rifice Size

160

160: 16mm **350:** 35mm **160:** 16mm **400:** 40mm

200: 20mm **500:** 50mm

Port Size

10: ZG3/8"

10: ZG3/8" 15: ZG1/2" 20: ZG3/4" 25: ZG1"

25: ZG1" 35: ZG1¹/4" 40: ZG1¹/2"

50: ZG2"

A

A: Waterproof Coil Blank: Round Coil 5: Square Coil IP65 H: Mamual

S: Square Coil IP65
H: Mamual
NO: Normally Open
NC: Normally Close
Z: Ex-proof

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L: Latching SW: IP65 Wiring Coil AB410B ES: Energy

Saving Coil

E 🥦

Sealing Material Blank: NBR E: EPDM V: VITON **AC110V**

Standard Voltage
DC12V
DC24V

AC24V 50Hz/60Hz AC110V 50Hz/60Hz AC220V 50Hz/60Hz AC380V 50Hz/60Hz

Specification

Model	2W160-10	2W160-15	2W200-20	2W250-25	2W350-35	2W400-40	2W500-50			
Working Medium	Air, Water, Oil, Gas									
Operation	Direct Acting									
Acting Type	Normally Closed									
Orifice Size (mm)	1	6	20	25	35	40	50			
CV Value	4.8		4.8	12	24	29	48			
Port Size	ZG3/8"	ZG1/2"	ZG3/4"	ZG1"	ZG1 ¹ /4"	ZG1 ¹ /2"	ZG2"			
Operation Fluid Viscosity	20 CST Below									
Pressure Difference	Air: 0~1.0MPa; Water: 0~0.7MPa; Oil: 0~0.9MPa; Normally open: 0~0.8MPa									
Operating Temperature	NBR: -5~80℃; EPDM: -5~120℃; VITON: -10~150℃; SI: -15~150℃ (orifice less than 25mm)									
Voltage Range	± 10%									
Material of Body	Brass									

2/2 WAY DIRECT ACTING SOLENOID VALVE, ZG3/8"-ZG2"

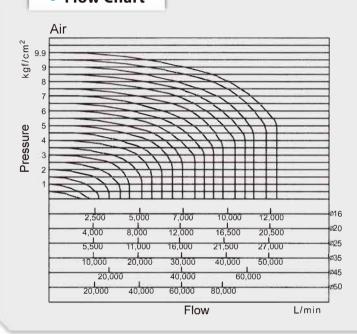
■ Feactures of Latching Solenoid Valve

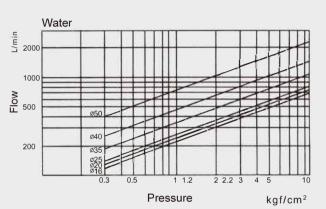
- 1. Engery savings.
- 2. Low actived power.

Working Principle of Latching Solenoid Valve

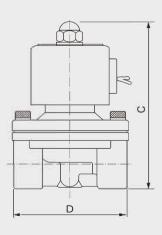
A permanent magnet that requires no electric input is built into the top of the valve. The small magnet's field is not enough to activate the plunger, when the valve is switched opened with full power, the permanent magnet is strong enough to keep the valve open. This allows the valve to remain open after the initial electrical power has been turned off, thus offering significant potential energy savings. The valve will remain open until another electrical charge, of opposite polarity, is applied.

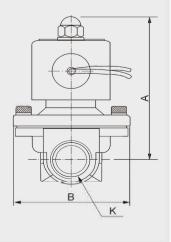
Flow Chart





Overall Dimension





Dimension Sheet

Model	A	В	С	D	К
2W160-10	90	56	103	66	ZG3/8"
2W160-10-NO	112		125		
2W160-15	90 56		103	66	ZG1/2"
2W160-15-NO	112	112			
2W200-20	94	94 56		73	ZG3/4"
2W200-20-NO	116	30	132	/3	203/4
2W250-25	98 73		117	98	ZG1"
2W250-25-NO	120	120			
2W350-35	135	93	160	118	ZG1 ¹ /4"
2W350-35-NO	155		180	110	201/4
2W400-40	135 93		160	118	ZG1 ¹ /2"
2W400-40-NO	155	95	180	110	201/2
2W500-50	153	153		156	ZG2"
2W500-50-NO	174	124	209	130	202