

FESCOLO



2/2 WAYS SOLENOID VALVE

For Air, Water, Oil, Steam...

FESCOLO

Fescolo Pneumatic

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Fescolo Pneumatic

Solenoid Valves

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NO.	Name	NO.	Name	NO.	Name	NO.	Name
1	Valve Body	1	Valve Body	1	Valve Body	15	Gasket
2	O-ring	2	Diaphragm	2	Washer	16	Bushing
3	Plug head	3	Diaphragm Spring	3	Seal Pad	17	Magnetic Plate
4	Armature	4	Valve Cover	4	Valve Core	18	Coil
5	Spring	5	Hexagon Screw	5	Seal	19	Magnetic Plate
6	Iron Core	6	Pilot Units	6	Gasket	20	Nut
7	Magnetic Plate	7	Plunger Spring	7	Guide Ring	21	Steel Cover
8	Coil	8	O-ring	8	Spring	22	Min Plate
9	Steel Washer	9	Iron Core	9	Valve Needle	23	Spring Washer
10	Min Plate	10	O-ring	10	Pin	24	Nut
11	Spring Washer	11	Coil	11	Armature		
12	Nut	12	Connector	12	Seal Ring		
		13	Gasket	13	Iron Core		
		14	Lock Nut	14	Nut		

Valve body, Sealing material Reference Table

✓ Good

✗ Not Good

Blank: Unknown

Valve body, Sealing material Reference Table

Medium \ Material	Brass	Castiron	SUS	Plastic	NBR	EPDM	VITON	PTFE
Air	✓	✓	✓	✓	✓	✓	✓	✓
Gas	✓	✓	✓		✓	✓	✓	✓
Oxygen	✓	✓	✓	✓	✓	✓	✓	✓
Hydrogen	✓		✓		✓		✓	✓
City Gas	✓		✓				✓	✓
Industrial gas	✓		✓		✓			✓
Nirtrogen	✓		✓				✓	✓
Refined pctro	✓	✓	✓				✓	✓
Water	✓	✓	✓	✓	✓	✓	✓	✓
Steam	✓	✓	✓		X	✓	✓	✓
Drinking water	✓	✓	✓	✓		✓		✓
Sea water	✓		✓	✓	✓	✓	✓	✓
Industrial waste water			✓				✓	✓
Gasoline	✓	✓	✓			X	✓	✓
Kerosene	✓	✓	✓	✓	✓	X	✓	✓
Fuel	✓	✓	✓	✓	✓	X	✓	✓
Milk	✓	✓	✓	✓	✓	✓	✓	✓
Wine	✓	✓	✓	✓	✓	✓	✓	✓
Ethanol	✓	✓	✓		✓	X		✓
Acetylene	✓	✓	✓		✓	X	✓	✓
Ethanol	✓	✓	✓		✓	X	✓	✓
Acetone	✓	✓	✓		✓	X	X	✓
Ammonia					X			✓
Toluene	✓	✓	✓			X	✓	✓
Xylene	✓	✓	✓			X	✓	✓
Propane	✓	✓	✓			X	✓	✓
Methane	✓	✓	✓		✓	X	✓	✓
Carbon dioxide	✓	✓	✓				✓	✓
氢氧化钠 < 20% Soeium hydroxide		✓	✓		✓	X		✓
硝酸 < 10% Nitricacid			✓				✓	✓
硫酸 < 20% Sulphuricacid							✓	✓
10% Hydrochloricacid								✓
Acetic acid	✓	✓	✓		✓	X	✓	✓

Flow Calculation, Seals Description

Flow calculation

● 1、液体（容积）

$$Q = 14.28Cv \frac{\sqrt{P_1 - P_2}}{\sqrt{G}}$$

注：不考虑粘度影响，小于20CST（厘斯）即20mm²/S时

● 2、气体（容积）

$$Q = 198.3CvP_1 \frac{1}{\sqrt{G}} \left(P_2 \leq \frac{P_1}{1.89} \right)$$

$$Q = 396.6Cv \sqrt{\Delta P P_2} \frac{1}{\sqrt{G}} \left(P_2 > \frac{P_1}{1.89} \right)$$

注：标准大气状态：760mmHg, 15.6℃ Q: 公升/分

● 说明

P₁: 入口压力Kgf/cm²P₂: 出口压力Kgf/cm²ΔP: P₁-P₂

G: 比重（水=1, 空气=1）

Cv: 流量系数（1Kv=14.28Cv）

Common Unit Of Pressure

$$1\text{Kgf/cm}^2 = 1\text{bar} = 0.1\text{MPa} = 100\text{Ka} = 14.5\text{PSI}$$

Common Seals Material

(在不同场所的动态情形下使用，因此有关数据仅供参考)

1、丁腈橡胶(NBR)

主要用于膜片，O形圈和密封件，适用于大多数的气体、水液、轻油等，介质温度在-18℃到80℃可以使用。

2、乙烯、丙烯橡胶（EPDM）

主要用于NBR温度范围以上的场所，（如热水、低压蒸汽）同样适用于大多数的气体、水液。介质温度

在-20℃到139℃可以使用。

3、氟橡胶(VITON)

主要用于NBR、EPDM不能应用的场所，可以与更多的气体、水液、机油、汽油、溶剂等。介质温度在-20℃

到169℃可以使用。

4、特氟隆（PTFE）

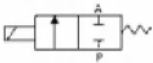
几乎可以适用于所有的流体。但因它具有“冷流动”特点。作为动态的密封件，特别是在气体下容易产生泄漏现象。

2W(UD) Series Solenoid Valve(Small Aperture)



2W025-08

2WH020-10



2W025-08FAC110VD

2W

025

08

F

AC110V

D

Specification Code

2W: Two position two way solenoid valve(direct drive type)

2WH: Two position two way solenoid valve(high pressure direct drive type)

Aperture of Flow Rate

012:1.2mm 020:2mm

025:2.5mm 030:3.0mm

040:4.0mm

Joint Pipe Bore

06: 1/8" 08: 1/4"

10: 3/8"

Initial Estate

Blank:Pipe Jiont type

F: Flange Type

Standard Voltage

DC12V

DC24V

AC24V 50/60Hz

AC36V 50/60Hz

AC110V 50/60Hz

AC220V 50/60Hz

AC380V 50/60Hz

Wiring Form

Blank:Lead Wire Type

D: Join Connector

E: Blast-proof Coil

G: Water-proof Coil

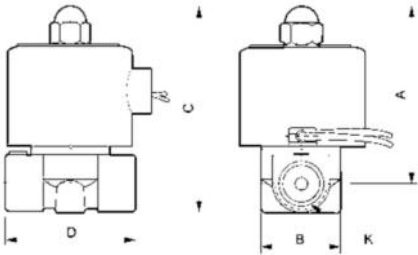
2W(UD) Series Solenoid Valve(Small Aperture)

Specification

Model	2W025-06(08)	2W040-10	2WH012-06	2WH012-08	2WH020-10
Working Medium	Air, Water, Oil, Gas				
Motion Pattern	Direct Drive Type				
Type	Normal Close Type				
Aperture of Flow Rate	2.5	4	1.2		2
CV Value	0.23	0.60	0.05		0.15
Joint Pipe Bore	1/8"(1/4")	3/8"	1/8"	1/4"	3/8"
Operation Fluid Viscosity	20 CST(below)				
Working-pressure	0~7	0~10	0~20		
Max. Pressure Resistance	10	15	35		
Operating Temperature Range	-5~80				
Voltage Range	±10%				
Material of Body	Brass				
Material of Oil Seal	NBR, EPDM / VITON				

*Please contact factory for special voltage and sepcification.

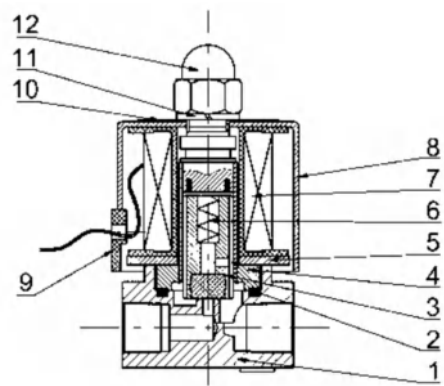
Oevrrall Dimension



Model	A	B	C	D	K(G)
2W025-06/08	66	30.3	75	42	1/8" 1/4"
2W040-10	76	32.5	87	53	3/8"
2WH012-06	66	30.3	75	42	1/8"
2WH012-08	66	30.3	75	42	1/4"
2WH020-10	76	32.5	87	53	3/8"

2W(UD) Series Solenoid Valve(Small Aperture)

Inner Structure



NO.	Name
1	Body Of Valve
2	O-ring
3	Assembly Of Iron Core
4	Assembly Of Iron Core
5	Magnetic Plate
6	Spring
7	Assembly Of Coil
8	Iron Cover
9	Cord-locks
10	Name Plate
11	Gasket
12	Head Cover Nut

2W(UW) Series Solenoid Valve(Large Aperture)



2W 160 15 F AC110V D

Specification Code

2W: Two position two way solenoid valve(direct drive type)

Aperture of Flow Rate

160:16mm 200:20mm

250:25mm 350:35mm

400:40mm 500:50mm

Joint Pipe Bore

10: 3/8" 15:1/2"

20:3/4" 25:1"

35:1 1/4" 40:1 1/2" 50:2"

Initial Estate

Blank:Pipe Jiont Type

F: Flange type

Standard Voltage

DC12V

DC24V

AC24V 50/60Hz

AC36V 50/60Hz

AC110V 50/60Hz

AC220V 50/60Hz

AC380V 50/60Hz

Wiring Form

Blank:Lead Wire Type

D: Join Connector

E: Blast-proof Coil

G: Water-proof Coil

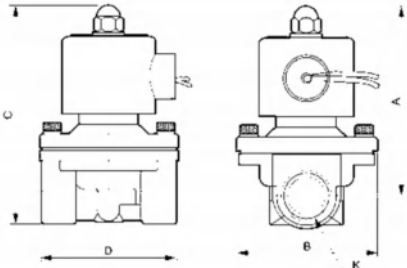
2W(UW) Series Solenoid Valve(Large Aperture)

Specification

Model	2W160-10	2W160-15	2W200-20	2W250-25	2W350-35	2W400-40	2W500-50
Working Medium	Air, Water, Oil, Gas						
Motion Pattern	Direct Drive Type						
Type	Normal Close Type; Normal Open Type						
Aperture of Flow Rate	16	16	20	25	35	40	50
CV Value	4.8	4.8	7.6	12	24	29	48
Joint Pipe Bore	3/8"	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"
Operation Fluid Viscosity	20 CST以下(below)						
Working-pressure	Water: 0 ~ 5, Air: 0 ~ 7, oil: 0 ~ 5, Gas: 0 ~ 7						
Max. Pressure Resistance	10.5						
Operating Temperature Range	-5~80						
Voltage Range	±10%						
Material of Body	Brass						
Material of Oil Seal	NBR, EPDM or VITON						

*Please contact factory for special voltage and sepcification.

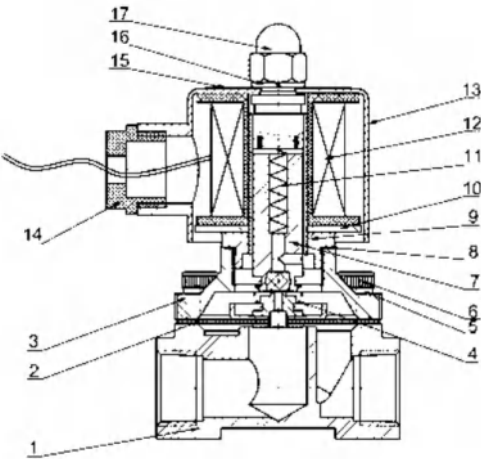
Oevrrall Dimension



Model	A	B	C	D	K(G)
2W160-10	92.5	57	105	66	3/8"
2W160-15	98.5	57	112	66	1/2"
2W200-20	99.5	57	116	70	3/4"
2W250-25	104	76	124	92	1"
2W350-35	139	92	163	118	1 1/4"
2W400-40	141	92	168	125	1 1/2"
2W500-50	155	120	190	168	2"

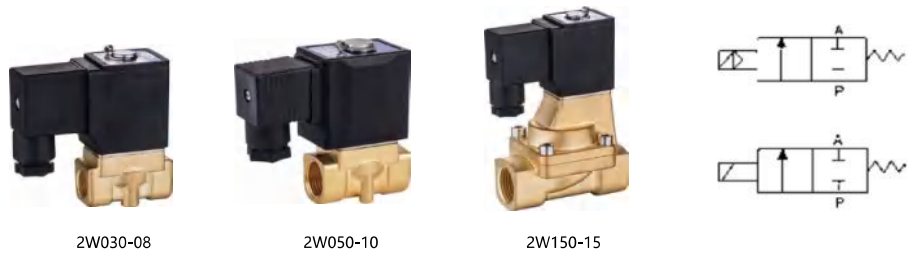
2W(UW) Series Solenoid Valve(Large Aperture)

Inner Structure



NO.	Name	NO.	Name
1	Body Of Valve	10	Magnetic Plate
2	Assembly Of Diaphragm	11	Spring
3	Valve Cover	12	Assembly Of Coil
4	Pull Spring	13	Iron Cover
5	Gasket	14	Cord-locks
6	Socket Hexagon Screws	15	Name Plate
7	Assembly Of Iron Core	16	Gasket
8	Seal Gasket	17	Head Cover Nut
9	Assembly Of Iron Core		

2W Series The new Solenoid Valve



2W 030 08 AC110V

Specification Code

2W: Two position two way solenoid valve(direct drive type / guide type)

Aperture of Flow Rate

030: 3.0mm 050: 5.0mm

150: 15mm 200: 20mm

250: 25mm

Joint Pipe Bore

06: 1/8" 08: 1/4" 10: 3/8"

15: 1/2" 20: 3/4" 25: 1"

Standard Voltage

DC12V
DC24V
AC24V 50/60Hz
AC36V 50/60Hz
AC110V 50/60Hz
AC220V 50/60Hz
AC380V 50/60Hz

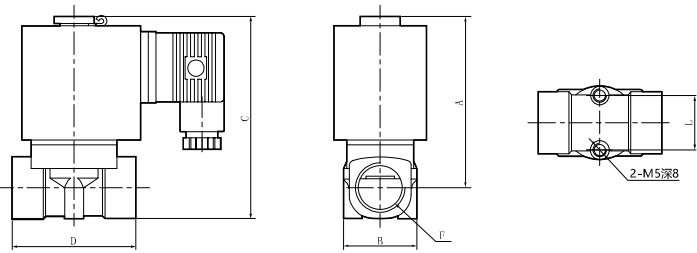
2W Series The new Solenoid Valve

Specification

Model	2W030-06(08)	2W050-10(15)	2W150-15	2W200-20	2W250-25
Working Medium	Air, Water, Oil, Gas				
Motion Pattern	Direct Drive Type		Guide Type		
Type	Normal Close Type				
Aperture of Flow Rate	3.0	5.0	15	20.0	25.0
CV Value	0.33	0.83	5.5	9.5	12.5
Joint Pipe Bore	1/8"(1/4")	3/8"(1/2")	1/2"	3/4"	1"
Operation Fluid Viscosity	20 CST(below)				
Working-pressure	0~10		0.5~10		
Max. Pressure Resistance	10	15			
Operating Temperature Range	-5~80				
Voltage Range	±10%				
Material of Body	Brass				
Material of Oil Seal	NBR, EPDM / VITON				

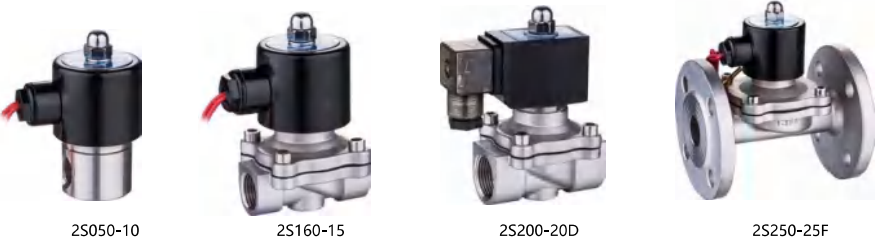
*Please contact factory for special voltage and sepcification.

Oevrrall Dimension



Model	F	A	B	C	D	L
2W030-06	1/8"	60	25	70	41	16
2W030-08	1/4"	60	25	70	41	16
2W050-10	3/8"	72	31	85	52	23
2W050-15	1/2"	72	31	85	52	23
2W150-15	1/2"	92	46	105	70	/
2W200-20	3/4"	96	53	113	82	/
2W250-25	1"	102	59	122	92	/

2S Series Solenoid Valve



2S050-10

2S160-15

2S200-20D

2S250-25F

2S

025

-08

F

AC110V

-D

Specification Code

2S: Two position two way solenoid valve(direct drive type)

Aperture of Flow Rate

025:2.5mm 040:4.0mm

160:16mm 200:20mm

250:25mm 350:35mm

400:40mm 500:50mm

Joint Pipe Bore

08: 1/4" 10: 3/8"

15:1/2" 20:3/4" 25:1"

35:1 1/4" 40:1 1/2" 50:2"

Initial Estate

Blank:Pipe Jiont type

F: Flange type

Standard Voltage

DC12V

DC24V

AC24V 50/60Hz

AC36V 50/60Hz

AC110V 50/60Hz

AC220V 50/60Hz

AC380V 50/60Hz

Wiring Form

Blank:Lead Wire Type

D: Join Connector

E: Blast-proof Coil

G: Water-proof Coil

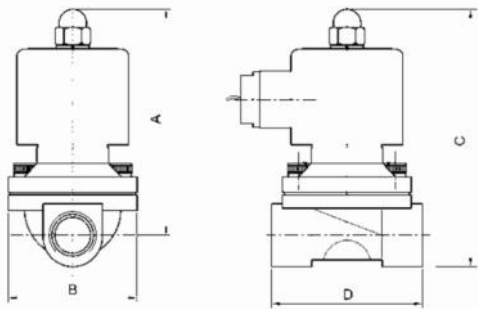
2S Series Solenoid Valve

Specification

Model	2S025-06(08)	2S050-10	2S160-10(15)	2S200-20	2S250-25	2S350-35(40)	2S500-50
Working Medium	Air, Water, Oil, Gas						
Motion Pattern	Direct Drive Type						
Type	Normal Close Type						
Aperture of Flow Rate	2.5	5	16	20	25	35	50
CV Value	0.23	0.6	4.8	7.6	12	24	48
Joint Pipe Bore	1/8" 1/4"	3/8"	3/8" 1/2"	3/4"	1"	1 1/4" 1 1/2"	2"
Operation Fluid Viscosity	20 CST(below)						
Working-pressure	0~7		Water: 0 ~ 5, Air: 0 ~ 7, oil: 0 ~ 5, Gas: 0 ~ 7				
Max. Pressure Resistance	10.5						
Operating Temperature Range	-5~80						
Voltage Range	±10%						
Material of Body	Stainless steel						
Material of Oil Seal	NBR, EPDM / VITON						

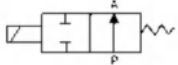
*Please contact factory for special voltage and sepcification.

Oevrrall Dimension



Model	Bore	A	B	C	D
2S025-06/08	1/8" 1/4"	69	34	78	34
2S050-10	3/8"	80	40	94	40
2S160-10/15	3/8" 1/2"	97	57	110	68
2S200-20	3/4"	99	57	115	73
2S250-25	1"	105	77	124	98
2S350-35	1 1/4"	132	86	156	113
2S400-40	1 1/2"	138	94	166	120
2S500-50D	2"	155	122	188	166
2S250-25F	/	103	115	160	138
2S400-40F	/	136	143	203	155
2S5500-50F	/	150	157	229	184

2W/2S Normal Open Series Solenoid Valve



2W

160

10

NO

AC110V

D

Specification Code

2W: Two position two way solenoid valve(direct drive type)

2S: Stainless steel two position two way solenoid valve(direct drive type)

Aperture of Flow Rate

040:4.0mm 160:16mm

200:20mm 250:25mm

Joint Pipe Bore

10: 3/8" 15:1/2"

20:3/4" 25:1"

Initial Estate

NO: Normal Open

Standard Voltage

DC12V

DC24V

AC24V 50/60Hz

AC36V 50/60Hz

AC110V 50/60Hz

AC220V 50/60Hz

AC380V 50/60Hz

Wiring Form

Blank:Lead Wire Type

D: Join Connector

E: Blast-proof Coil

G: Water-proof Coil

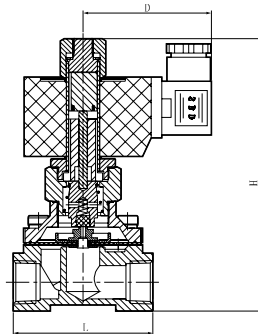
2W/2S Normal Open Series Solenoid Valve

Specification

Model	2W040-10NO	2W160-10NO	2W160-15NO	2W200-20NO	2W250-25NO
Working Medium	Air, Water, Oil, Gas				
Motion Pattern	Direct Drive Type				
Type	Normal Open Type				
Aperture of Flow Rate	4	16	16	20	25
CV Value	0.6	4.8	4.8	7.6	12
Joint Pipe Bore	3/8"	3/8"	1/2"	3/4"	1"
Operation Fluid Viscosity	20 CST(below)				
Working-pressure	Water: 0 ~ 5, Air: 0 ~ 7, oil: 0 ~ 5, Gas: 0 ~ 7				
Max. Pressure Resistance	10.5				
Operating Temperature Range	-5 ~ 80				
Voltage Range	±10%				
Material of Body	2W:Brass; 2S:Stainless steel				
Material of Oil Seal	NBR, EPDM / VITON				

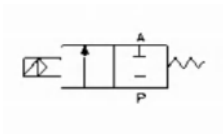
*Please contact factory for special voltage and sepcification.

Oevrral Dimension



Model	L	H	D
2W040-10NO	53	91	62
2W160-10NO	66	118	62
2W160-15NO	66	122	62
2W200-20NO	70	126	62
2W250-25NO	92	138	62

2L(US) Series Solenoid Valve



2L - 170 - 15 - AC110V - D

Specification Code

2L: Steam type two position two way solenoid valve

Aperture of Flow Rate

170:17mm 200:20mm
300:30mm 500:50mm

Joint Pipe Bore

10: 3/8" 15:1/2"
20:3/4" 25:1"
35:1 1/4" 40:1 1/2"
50:2"

Standard Voltage

DC12V
DC24V
AC24V 50/60Hz
AC36V 50/60Hz
AC110V 50/60Hz
AC220V 50/60Hz
AC380V 50/60Hz

Wiring Form

Blank:Lead Wire Type
D: Join Connector

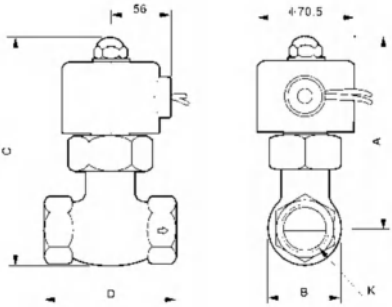
2L(US) Series Solenoid Valve

Specification

Model	2L170-10	2L170-15	2L170-20	2L200-25	2L300-35	2L300-40	2L500-50
Working Medium	Air, Water, Steam						
Motion Pattern	Direct Drive Type						
Type	Normal Close Type						
Aperture of Flow Rate	17			20	30		50
CV Value	4.8			12	20		48
Joint Pipe Bore	3/8"	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"
Operation Fluid Viscosity	20 CST(below)						
Working-pressure	1~15						
Max. Pressure Resistance	22.5						
Operating Temperature Range	-5~180						
Voltage Range	±10%						
Material of Body	Brass						
Material of Oil Seal	PTFE						

*Please contact factory for special voltage and sepcification.

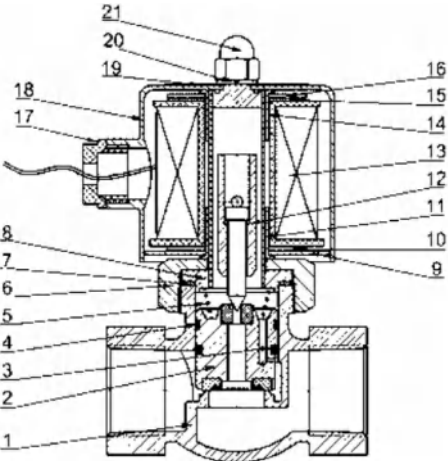
Oevrrall Dimension



Model	A	B	C	D	K(G)
2L170-10	128	42	145	83	3/8"
2L170-15	128	42	145	83	1/2"
2L170-20	128	48	148	83	3/4"
2L200-25	130	54	156	91	1"
2L300-35	148	76	184	113	1 1/4"
2L300-40	148	76	184	113	1 1/2"
2L500-50	166	90	212	168	2"

2L(US) Series Solenoid Valve

Inner Structure



NO.	Name	NO.	Name
1	Body Of Valve	12	Assembly Of Iron Core
2	Assembly Of Piston	13	Assembly Of Coil
3	Springiness Spacer	14	Bush
4	Wear Strip	15	Gasket
5	Spring	16	Magnetic Plate
6	Nut	17	Cord-locks
7	Seal-Ring	18	Iron Cover
8	Assembly of Iron Core	19	Name Plate
9	Magnetic Plate	20	Gasket
10	Gasket	21	Head Cover Nut
11	Bush		

2V Series Solenoid Valve



2V	025	06	AC110V
Specification Code			
2V: Two position two way solenoid valve			
Aperture of Flow Rate			
025:2.5mm 130:13mm 250:25mm			
Joint Pipe Bore			
06: 1/8" 08:1/4" 10: 3/8" 15:1/2" 20:3/4" 25:1"			
Standard Voltage			
DC12V DC24V			
AC24V 50/60Hz AC36V 50/60Hz			
AC110V 50/60Hz AC220V 50/60Hz AC380V 50/60Hz			

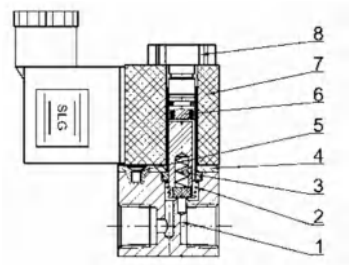
Specification

Model	2V025-06	2V025-08	2V130-10	2V130-15	2V250-20	2V250-25
Working Medium	Air, Water, Oil					
Motion Pattern	Direct Drive Type		Guide Type			
Type	Normal Close Type					
Aperture of Flow Rate	2.5		13		25	
CV Value	0.23		6.2		23	
Joint Pipe Bore	1/8"	1/4"	3/8"	1/2"	3/4"	1"
Operation Fluid Viscosity	20 CST(below)					
Working-pressure	Air,Water,Oil: 0~8		Air,Water,Oil: 0.5~7			
Max. Pressure Resistance	12		10.5			
Operating Temperature Range	-10~80					
Voltage Range	±10%					
Protect Class	IP65					
Power Consumption	AC:7VA/60Hz, 9VA/50Hz, DC:6W					
Insulation	F级 (Class)					
Material of Body	铝或铜/Aluminum or Brass		黄铜/Brass			
Material of Oil Seal	NBR或VITON		NBR			
Shortest Excitation Time	0.05秒 / second					

*Please contact factory for special voltage and sepcification.

2V Series Solenoid Valve

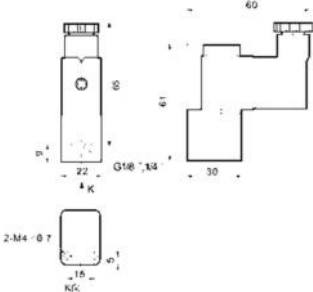
Inner Structure



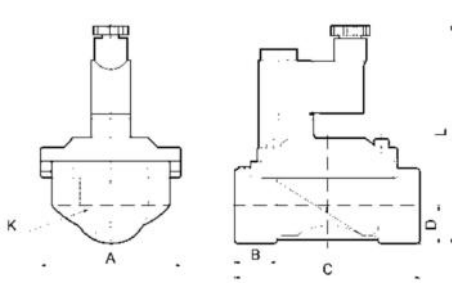
NO.	Name
1	Body Of Valve
2	Spring
3	Assembly Of Iron Core
4	Platen
5	Cruciform Slot Screw
6	Assembly Of Iron Core
7	Coil
8	Nut

Overall Dimension

2V130-10/15

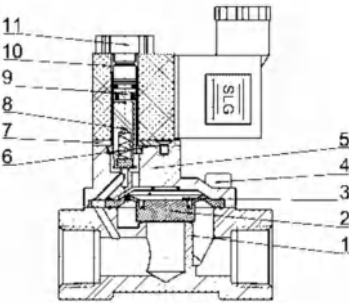


2V250-20/25



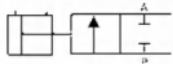
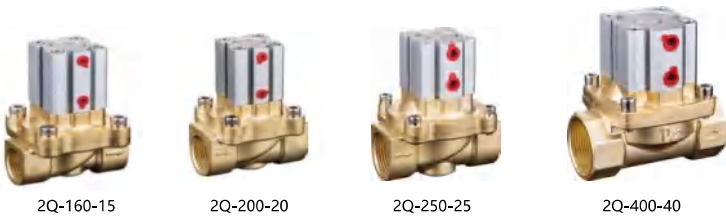
Model	A	B	C	D	L	K
2V130	48	14	66	13	101	G3/8" G1/4"
2V250	78	18	103	22	118	G3/4" G1"

Inner Structure



NO.	Name
1	Body Of Valve
2	Diaphragm
3	Spring
4	Socket Hexagon Screws
5	Valve Cover
6	Cruciform Slot Screw
7	Platen
8	Assembly Of Iron Core
9	Assembly Of Iron Core
10	Coil
11	Nut

2Q Series Air Control Two way Valve



SLG - 2Q - 250 - 25

Factory Code

Specification Code

Two Position Two Way Air Control Valve

Aperture of Flow Rate

160: 16mm

200:20mm

250:25mm

350: 35mm

400:40mm

500:50mm

Joint Pipe Bore

10:3/8"

15:1/2"

20:3/4"

25:1"

35:1 1/4"

40:1 1/2"

50:2"

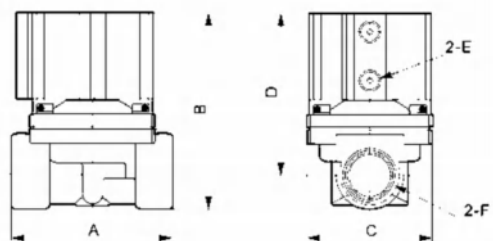
2Q Series Air Control Two way Valve

Specification

Model	SLG-2Q160-10/15	SLG-2Q200-20	SLG-2Q250-25	SLG-2Q350-35	SLG-2Q400-40	SLG-2Q500-50
Medium	Air, Water, Oil, Gas					
Motion Pattern	Direct Drive					
Aperture of Flow Rate	16	20	25	35	40	50
CV Value	4.8	7.6	12	24	29	48
Joint Pipe Bore	1/4" / 1/2"	3/4"	1"	1 1/4"	1 1/2"	2"
Operation Fluid Viscosity	50 CST(Below)					
Working-pressure Range	0~7					
Max. Pressure Resistance	10.5					
Control Pressure Range	3~6					
Operating Temp. Range	-5~100°C					
Material of Body	Brass					
Material of Oil Seal	PTFE					
Control Joint Pipe Bore	2-M5	2-M5	2-G1/8"	2-G1/4"	2-G1/4"	2-G1/4"
Cylinder Model	20	20	32	50	50	63

*Please contact factory for special voltage and specification.

Overall Dimension

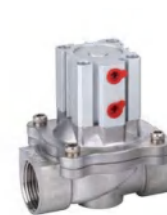


Model	A	B	C	D	E	F
SLG-2Q160-10	66	84	57	71	M5	3/8"
SLG-2Q160-15	66	89	57	76	M5	1/2"
SLG-2Q200-20	70	93	57	76	M5	3/4"
SLG-2Q250-25	92	107	76	87	1/8"	1"
SLG-2Q350-35	118	125	92	100	1/4"	1 1/4"
SLG-2Q400-40	125	129	92	102	1/4"	1 1/2"
SLG-2Q500-50	168	152	120	117	1/4"	2"

2QS Stainless Series Air Control Two way Valve



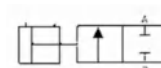
2QS-160-15



2QS-200-20



2QS-400-40



Factory Code

Specification Code

Stainless Two Position Two Way Air Control Valve

Aperture of Flow Rate

160: 16mm

200:20mm

250:25mm

400:40mm

500:50mm

Joint Pipe Bore

15:1/2"

20:3/4"

25:1"

40:1 1/2"

50:2"

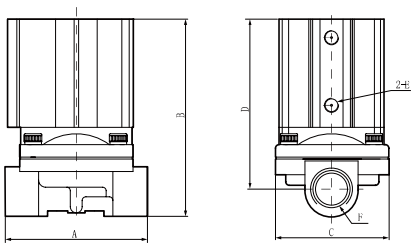
2QS Stainless Series Air Control Two way Valve

Specification

Model	SLG-2QS160-15	SLG-2QS200-20	SLG-2QS250-25	SLG-2QS400-40	SLG-2QS500-50
Medium	Air, Water, Oil, Gas				
Motion Pattern	Direct Drive0				
Aperture of Flow Rate (mm)	16	20	25	40	50
CV Value	4.8	7.6	12	29	48
Joint Pipe Bore	1/2"	3/4"	1"	1 1/2"	2"
Operation Fluid Viscosity	50 CST(Below)				
Working-pressure Range	0~7				
Max. Pressure Resistance	10.5				
Control Pressure Range	3~6				
Operating Temp. Range	-5~100℃				
Material of Body	Stainless Stee				
Material of Oil Seal	PTFE				
Control Joint Pipe Bore	2-M5	2-M5	2-G1/8"	2-G1/4"	2-G1/4"
Cylinder Model	20	20	32	50	63

*Please contact factory for special voltage and sepcification.

Oevrrall Dimension



Model	A	B	C	D	E	F
SLG-2QS160-15	68	86	57	72	M5	1/2"
SLG-2QS200-20	73	93	57	76	M5	3/4"
SLG-2QS250-25	98	107	76	87	1/8"	1"
SLG-2QS400-40	119	127	94	99	1/4"	1 1/2"
SLG-2QS500-50	163	150	122	117	1/4"	2"

Q22HD Series of Pneumatic Control Valves



Q22HD-15



Q22HD-40



Q22HD-50



Q22HD

-

25

Series Code

Joint Pipe Bore

15: G1/2

20: G3/4

25: G1

32: G1 1/4

40: G1 1/2

50: G2

Features

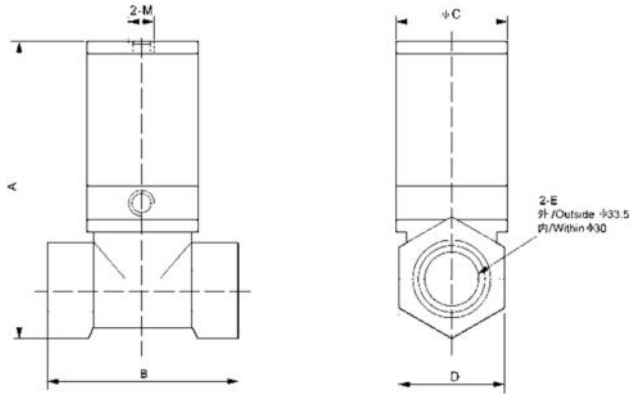
Low starting pressure of the valve, close the high sensitivity, good sealing performance, any imports direction. Category deadline, plate, single and double acting control structure. Now widely used in food, medicine, industry, washing, petrochemical, metallurgy, spray, vehicles and other machinery and equipment.

Q22HD Series of Pneumatic Control Valves

Specification

Model	Q22HD-15	Q22HD-20	Q22HD-25	Q22HD-35	Q22HD-40	Q22HD-50
Nominal Diameter	15	20	25	32	40	50
Joint Pipe Bore	G1/2	G3/4	G1	G1 1/4	G1 1/2	G2
Working Medium	Air, water, oil, liquefied petroleum gas, lighter viscosity fluid					
Working Pressure	0.2~0.6MPa					
Medium and Ambient Temperature	-5~60°C, -5~150°C (High temperature type)					
KV Coefficient Values	4	5	10	25	25	40

Oevrrall Dimension



Model	A	B	C	D	M	E
Q22HD-15	96	47	31	26	G1/8	G1/2
Q22HD-20	102	54	31	33	G1/8	G3/4
Q22HD-25	115	66	38	39.5	G1/8	G1
Q22HD-35	143	77	46	48	G1/8	G1 1/4
Q22HD-40	160	86	56	54	G1/8	G1 1/2
Q22HD-50	182	116	69	67	G1/8	G2

SL Series Pneumatic Valve

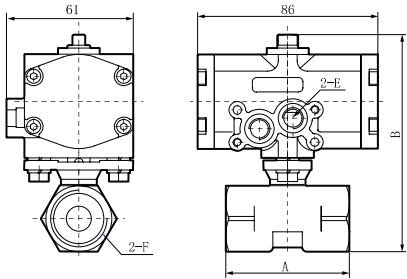


SL-15 SL-20 SL-25

Specification

部件	材料
阀体	SCS14A
阀杆	SUS304/SUS316
球体	SUS304/SUS316
接盘	SUS304/SUS316
阀座	PTFE
O型圈	FKM

Oevrrall Dimension



Model	F	A	B	E(PT)
SL-1-15	1/2"	57	97	1/8
SL-1-20	3/4"	60	105	1/8
SL-1-25	1"	71	111	1/8

PU220 Series Solenoid Valve



Specification Code

PU: Two position two way solenoid valve

Motion Pattern

220: Direct drive type

Joint Pipe Bore

01:1/8" 02:1/4"
03:3/8" 04:1/2"
06:3/4" 08:1"

Initial Estate

A: Large Flux
AR: Small Aperture Direct Drive
F: Flange Type

Standard Voltage

DC12V
DC24V
AC110V 50/60Hz
AC220V 50/60Hz

Wiring Form

Blank: Standard Coil
T: Timer Coll

PU

220

-02

A

AC220V

-T

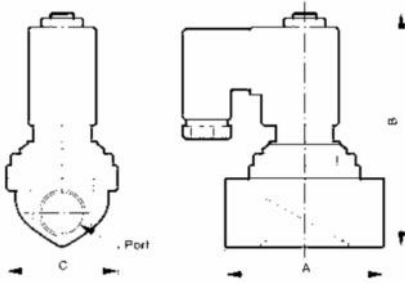
PU220 Series Solenoid Valve

Specification

Model	PU220-01AR	PU220-02AR	PU220-03AR	PU220-03A	PU220-04A	PU220-06A	PU220-08A
Working Medium	Air, Water, Oil						
Motion Pattern	Direct Drive Type						
Type	Normal Close Type						
Aperture of Flow Rate (mm)	1.5	2.3	8.0	13	13	20	25
CV Value	0.1	0.18	1	4	4	8.6	11
Joint Pipe Bore	1/8"	1/4"	3/8"	3/8"	1/2"	3/4"	1"
Operation Fluid Viscosity	50 CST						
Working-pressure (kgf/cm ²)	0~7						
Max. Pressure Resistance (kgf/cm ²)	10.5						
Operating Temperature(℃)	-5~80						

*Please contact factory for special voltage and sepcification.

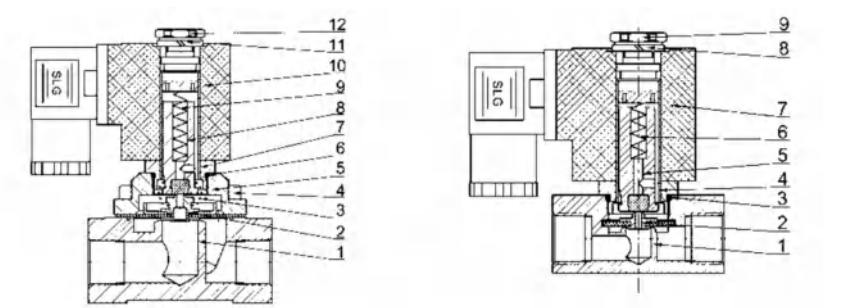
Oevrrall Dimension



Model	Bore	A	B	C
PU220-01AR	1/8 "	30	61	22
PU220-02AR	1/4 "	30	61	22
PU220-03AR	3/8 "	55	78.5	30
PU220-03A	3/8 "	66	100	48
PU220-04A	1/2 "	66	100	48
PU220-06A	3/4 "	75	108	58
PU220-08A	1 "	97	121	70

PU220 Series Solenoid Valve

Inner Structure



NO.	Name
1	Body of Valve
2	Assembly of Diaphragm
3	Pull Spring
4	Socket Hexagon Screws
5	Valve Cover
6	O-ring
7	Assembly Of Iron Core
8	Assembly Of Iron Core
9	Spring
10	Coil
11	Gasket
12	Nut

NO.	Name
1	Body of Valve
2	Assembly of Diaphragm
3	O-ring
4	Assembly Of Iron Core
5	Assembly Of Iron Core
6	Spring
7	Coil
8	Gasket
9	Nut

SLG22 Series Solenoid Valve



SLG22N1204



SLG22N2508

SLG22

-

N

12

03

AC220

Specification Code

SLG22: Two position two way solenoid valve

Sealing Material

N:Blank: NBR E:EPDM

V: VITON

Orifice Size

12: 12mm 15: 15mm

20: 20mm 25: 25mm

Joint Pipe Bore

03: 3/8" 04: 1/2"

06: 3/4" 08: 1"

Standard Voltage

DC24V

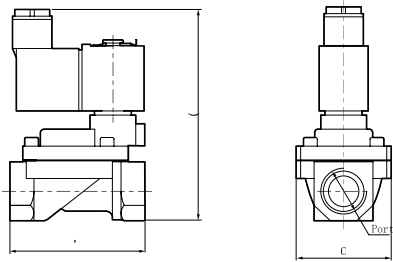
AC220V 50/60Hz

SLG22 Series Solenoid Valve

Specification

Model	SLG22N1203	SLG22N1204	SLG22N2006	SLG22N2508
Working Medium	Air, Water, Oil			
Motion Pattern	Guide Type			
Type	Normal Close Type			
Aperture of Flow Rate(mm)	12	12	20	25
CV Value	4.5	4.5	12	12
Joint Pipe Bore	3/8"	1/2"	3/4"	1"
Material of Body	Brass			
Operation Fluid Viscosity	50 CST			
Working-pressure (kgf/cm ²)	0.5~10			
Max. Pressure Resistance (kgf/cm ²)	15			
Operating Temperature(°C)	-5~80			

Overall Dimension



Model	Bore	A	B	C
SLG22N1203	3/8"	62	96	44
SLG22N1204	1/2"	62	96	44
SLG22N2006	3/4"	95	110	68
SLG22N2508	1"	105.5	119	87

PU225 Series Solenoid Valve



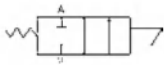
SPU225-04A



SPU225-06A



SPU225-08A



PU225-04A-NO



PU225-04A



PU225-06A



PU225-08A

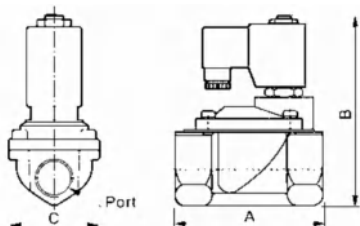
Specification Code	PU	225	-03	A	AC220V	-T
PU: Two position two way solenoid valve						
SPU: Stainless steel two-position two-way solenoid valve						
Motion Pattern						
225: Guide Type						
Joint Pipe Bore						
03:3/8" 04:1/2"						
06:3/4" 08:1"						
12:1 1/4" 14:1 1/2"						
20:2"						
Initial Estate						
A: Standard Type						
F:Flange Type						
Standard Voltage						
DC12V						
DC24V						
AC110V 50/60Hz						
AC220V 50/60Hz						
Wiring Form						
Blank: Standard Coil						
T: Timer Coll						

PU225 Series Solenoid Valve

Specification

Model	PU225-03A/NO	PU225-04A/NO	PU225-06A/NO	PU225-08A/NO	PU225-12A/NO	PU225-14A/NO	PU225-20A/NO
	SPU225-03A/NO	SPU225-04A/NO	SPU225-06A/NO	SPU225-08A/NO	SPU225-12A/NO	SPU225-14A/NO	SPU225-20A/NO
Working Medium	Air, Water, Oil						
Motion Pattern	Guide Type						
Type	Normal Close Type						
(mm) Aperture of Flow Rate	13	13	20	25	40	40	50
CV Value	4.5	4.5	7.6	12	29	29	48
Joint Pipe Bore	3/8"	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"
Material of Body	Brass / Steel						
Operation Fluid Viscosity	50 CST						
Working-pressure (kgf/cm ²)	0.5~16						
Max. Pressure Resistance	20						
Operating Temperature(°C)	-5~80						

Overall Dimension



Model	Bore	A	B	C
PU225-03A	3/8 "	66	106	48
SPU225-03A				
PU225-04A	1/2 "	66	106	48
SPU225-04A				
PU225-06A	3/4 "	75	112	58
SPU225-06A				
PU225-08A	1 "	97	124	70
SPU225-08A				
PU225-12A	1 1/4 "	126	139	96
SPU225-12A				
PU225-14A	1 1/2 "	126	139	96
SPU225-14A				
PU225-20A	2 "	160	160	114

PU Series Solenoid Valve(Steam Type)



PU225-04S



PU225-08S



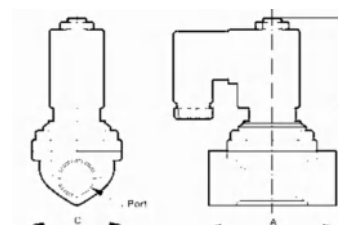
Specification Code	PU	225	-03	S	AC220V
PU: Two position two way solenoid valve					
Motion Pattern					
225: Guide Type					
Joint Pipe Bore					
03:3/8" 04:1/2"06:3/4" 08:1"					
Initial Estate					
S: Steam Type					
Operating Voltage					
DC12V DC24V AC110V 50/60Hz AC220V 50/60Hz					

Specification

Model	PU225-03S	PU225-04S	PU225-06S	PU225-08S
Working Medium	Air, Water, Oil			
Motion Pattern	Guide Type			
Type	Normal Close Type			
Aperture of Flow Rate	13	13	25	25
CV Value	4.5	4.5	12	12
Joint Pipe Bore	3/8"	1/2"	3/4"	1"
Operation Fluid Viscosity	50 CST			
Working-pressure	0.5~10			
Max. Pressure Resistance	15			
Operating Temperature	-10~185			

*Please contact factory for special voltage and specification.

Overall Dimension



Model	Bore	A	B	C
PU225-03S	3/8 "	66	122	48
PU225-04S	1/2 "	66	122	48
PU225-06S	3/4 "	97	149	70
PU225-08S	1 "	97	149	70

VX Series Solenoid Valve



VX2120-08

VX2120-10

VX2120-15

VX2120 - 08 - A - AC110V

Specification Code

Joint Pipe Bore

06:1/8" 08:1/4"

10:3/8" 15:1/2"

Initial code

空白: 标准型 Blank: Standard Type

A: 大流量口径 Large Flux

Standard Voltage

DC12V
DC24V
AC24V 50/60Hz
AC36V 50/60Hz
AC110V 50/60Hz
AC220V 50/60Hz
AC380V 50/60Hz

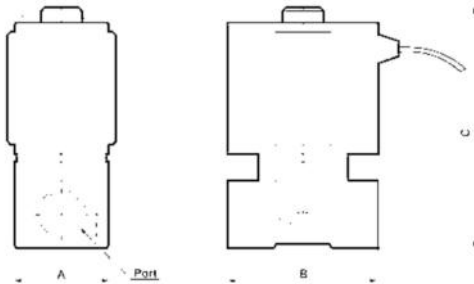
Specification

Model	VX2120-06	VX2120-08	VX2120-10	VX2120-10A	VX2120-15
Working Medium	Air, Water, Steam				
Motion Pattern	Direct Drive Type				
Type	Normal Close Type				
Working-pressure (kgf/cm ²)	0~7				
Aperture of Flow Rate (mm)	3		10	13	
Joint Pipe Bore	1/8"	1/4"	3/8"	3/8"	1/2"
Operating Temperature Range	-5 ~ 150°C		-5 ~ 80°C		
Material of oil seal	VITON		NBR		

*Please contact factory for special voltage and sepcification.

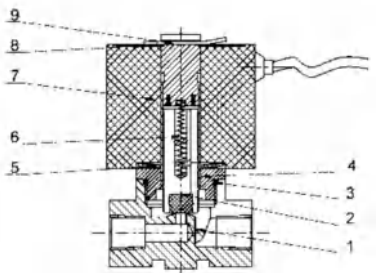
VX Series Solenoid Valve

Oevrall Dimension



Model	Bore	A	B	C
VX2120-06	1/8"	26	42	66
VX2120-08	1/4"	26	42	66
VX2120-10	3/8"	40	48	77
VX2120-10A	3/8"	47	66	87
VX2120-15	1/2"	47	66	87

Inner Structure



NO.	Code	Name	Number	Material
1	VX2120-06-01	Body of Valve	1	HPb59-1
2	VX2120-06-02	Assembly Of Iron Core	1	
3	VX2120-06-03	O-ring	1	PTFE
4	VX2120-06-04	Assembly Of Iron Core	1	
5	VX2120-06-05	弹簧	1	ICr18Ni9Ti
6	VX2120-06-06	Spring	1	ICr18Ni9Ti
7	VX2120-06-07	Coil	1	
8	VX2120-06-08	Name Plate	1	LY12
9	VX2120-06-09	卡簧	1	弹簧钢

VX Series Two-position Three-way Direct Acting Solenoid Valve



VX3121-08

VX31 - 15 - 06 - E - AC220V

Specification Code

Vx31: Normal Close

Vx32: Normal Open

Vx33: Universal-type

Orifice Size

15: 1.5mm 20: 2.0mm 25: 2.5mm

30: 3.0mm 40: 4.0mm

Joint Pipe Bore

06: G1/8" 08: G1/4"

Sealing Material

Blank: NBR E: EPDM

V: VITON S: SI

Standard Voltage

DC12V DC24V

AC24V 50/60Hz AC110V 50/60Hz

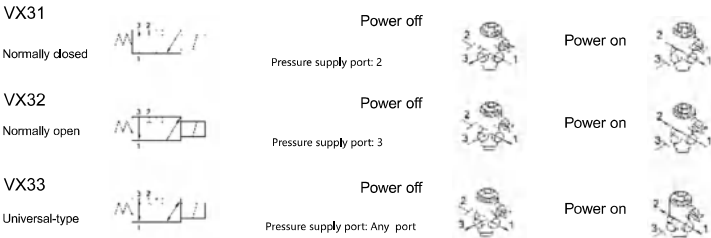
AC220V 50/60Hz AC380V 50/60Hz

Specification

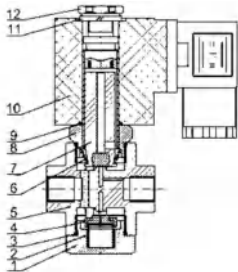
Model		VX31					VX32					VX33				
(mm)		1.5	2.0	2.5	3.0	4.0	1.5	2.0	2.5	3.0	4.0	1.5	2.0	2.5	3.0	4.0
Aperture of Flow Rate		0.07	0.14	0.21	0.25	0.35	0.07	0.14	0.21	0.25	0.35	0.07	0.14	0.21	0.25	0.35
CV Value																
Joint Pipe Bore		G1/8" (or) G1/4"														
Working-pressure (kgf/cm ²)	AC	13	11	9	6	3.5	13	11	9	6	3.5	7	5	4	2.5	1.7
	DC	11	9	7	4	2	11	9	7	4	2	5	4	3	2	0.8
Operating Temperature		NBR:-5~85℃； EPDM:-5~150℃； VITON:-10~150℃														
Body Material		Brass														

VX Series Two-position Three-way Direct Acting Solenoid Valve

Working Theory Chart

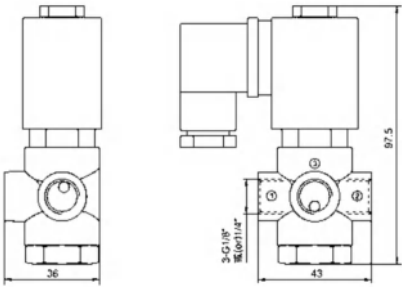


Inner Structure



NO.	Code	Name	Number	Material	Memo
1	VX31-20-06-01	Brass Nut	1	HPb59-1	
2	VX31-20-06-02	Spring	1	1Cr18Ni9Ti	0.6×10.3×17.5×6
3	VX31-20-06-03	O-ring	2	NBR	21×1.6
4	VX31-20-06-01	Assembly Of Plastic	1		
5	VX31-20-06-04	Body of Valve	1	HPb59-1	
6	VX31-20-06-05	Spring	1	1Cr18Ni9Ti	1×13×16.2×18×4
7	VX31-20-06-02	Assembly Of Iron Core	1		
8	VX31-20-06-03	Assembly Of Iron Core	1		
9	VX31-20-06-07	O-ring	1	NBR	18×1.9
10	VX31-20-06-08	Coil	1		
11	GB859-87	Gasket	1	65Mn	Φ10
12	VX32-20-06-09	Nut	1	A3	

Oevrrall Dimension



VXF Series Pulse Solenoid Valve



VXF2150

-

06

-

AC220V

-

D

Specification Code

Joint Pipe Bore

06:3/4"

10:1"

Standard Voltage

DC12V

DC24V

AC24V 50/60Hz

AC36V 50/60Hz

AC110V 50/60Hz

AC220V 50/60Hz

AC380V 50/60Hz

Wiring Form

Blank: Lead Wire Type

D: Join Connector

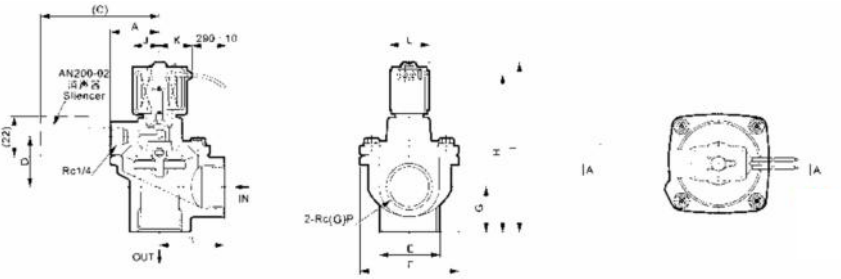
Specification

Model	VXF2150-06	VXF2160-10
Joint pipe bore	3/4"	1"
Max.Operating Differential Pressure(Kg/cm ²)	10	
Min.Operating Differential Pressure (Kg/cm ²)	0.31	
Section	20	27
Effective Area of Section	170	330
Cv Value	9.5	18.5
Exhaust orifice	Rc(G)1/4	

*Please contact factory for special voltage and sepcification.

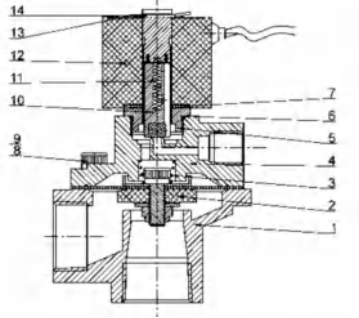
VXF Series Pulse Solenoid Valve

Oevrall Dimension



型号 Model	A	B	C	D	E	F	G	H	I	J	K	L	P
VXF2150	33	40	85	32.5	36	66	25	103	110	20	23	30	3/4"
VXF2160	37	48	89	38	45	74	33.5	118	125	20	23	30	1"

Inner Structure



NO.	Code	Name	Number	Material
1	VXF2150-06-01	Body of Valve	1	LY12
2	VXF2150-06-02	Assembly Of Diaphragm	1	
3	VXF2150-06-03	宝塔拉簧	1	ICr18Ni9Ti
4	VXF2150-06-04	Valve Cover	1	LY12
5	VXF2150-06-05	Assembly Of Iron Core	1	
6	VXF2150-06-06	O-ring	1	PTFE
7	VXF2150-06-07	弹簧	1	ICr18Ni9Ti
8	GB70-85	Gasket	4	65Mn
9	GB859-87	Socket Hexagon Screws	4	45Mn
10	VXF2150-06-08	Assembly Of Iron Core	1	
11	VXF2150-06-09	Spring	1	ICr18Ni9Ti
12	VXF2150-06-10	Coil	1	
13	VXF2150-06-11	Name Plate	1	LY12
14	VXF2150-06-12	卡簧	1	弹簧钢

SLG Series Solenoid Valve





SLG

23

08

AC220V

Factory Code

The Position counting

22: Two position two way

23: Two position three way

Joint Pipe Bore

06:1/8" 08:1/4"

Standard Voltage

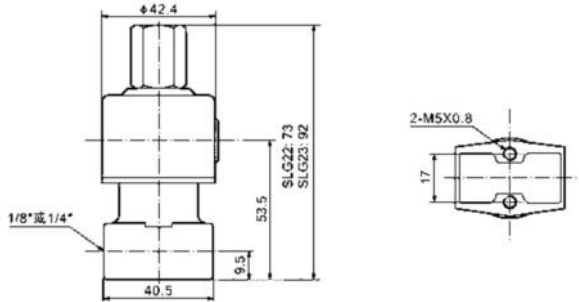
DC12V DC24V
AC24V 50/60Hz
AC36V 50/60Hz
AC110V 50/60Hz
AC220V 50/60Hz
AC380V 50/60Hz

Specification

Model	SLG22-06		SLG22-08		SLG23-06	SLG23-08
Working Medium	Air, Water, Oil					
Aperture of Flow Rate (mm)	1.6	2.4	3.2	4.0	1.6	
CV Value	0.10	0.21	0.33	0.43	0.10	
Joint Pipe Bore	1/8"		1/4"		1/8"	1/4"
Working-pressure Range (Kg/cm ²)	0~15	0~10	0~7	0~5	0~9	
Voltage Range	±10%					
Material of oil seal	NBR (or) VITON					

*Please contact factory for special voltage and sepcification.

Oevrrall Dimension



SAB Series Solenoid Valve



SAB31

01

1

AC110V

Specification Code

SAB21: Two position two way solenoid valve

SAB31: Two position two way solenoid valve

Two position two way solenoid valve (Body of Stainless steel)

Joint Pipe Bore

01: 1/8" 02: 1/4"

03: 3/8" 04: 1/2"

Aperture of Flow Rate

1:1.5mm

2:2.0mm

3:3.0mm

4:3.5mm

5:4.0mm

6:5.0mm

7:7.0mm

8:10.0mm

Standard Voltage

DC12V
DC24V
AC24V 50/60Hz
AC36V 50/60Hz
AC110V 50/60Hz
AC220V 50/60Hz
AC380V 50/60Hz

SAB Series Solenoid Valve

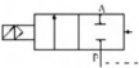
5404 Series High Pressure, High Temperature Solenoid Valve

多用电磁阀 MULTEX AB31-AB41系列

Model	Motion Pattern	Bore Size	公称通径(Φ) mmCv(值)	最高动作压力差 MPa	视在功率(VA) 50Hz(60Hz)	流体温度℃	
使用流体: 空气,燃氧,真空 (0.1torr)水,温水,煤油,油: (50CST以下) 蒸汽							
AB21-01-1	Direct Drive (Normal Close)	1/8"	1.5 (0.10)	※0.9-1.5	11 (9)	-10~40 不冻结	
AB21-01-2			2.0 (0.15)	※0.5-1.0			
AB21-01-3			3.0 (0.31)	※0.2-0.7			
AB21-01-5			4.0 (0.54)	※0.1-0.4			
AB21-02-1		1/4"	1.5 (0.10)	※0.9-1.5	15.4 (12.6)		
AB21-02-2			2.0 (0.15)	※0.5-1.0			
AB21-02-3			3.0 (0.31)	※0.2-0.7			
AB21-02-5			4.0 (0.54)	※0.1-0.4			
AB31-01-1		1/8"	1.5 (0.10)	※1~2.5	12 (10)	-10~60 不冻结 蒸汽时 184℃	
AB31-01-2			2.0 (0.15)	※1~1.5			
AB31-01-3			3.0 (0.31)	※0.5~1			
AB31-01-4			3.5 (0.42)	※0.4~0.6			
AB31-01-5			4.0 (0.54)	※0.25~0.4			
AB31-01-6		1/4"	5.0 (0.80)	※0.15~0.2	17 (14)		
AB31-02-1			1.5 (0.10)	※1~2.5			
AB31-02-2			2.0 (0.15)	※1~1.5			
AB31-02-3			3.0 (0.31)	※0.5~1			
AB31-02-4			3.5 (0.42)	※0.4~0.6			
AB31-02-5			4.0 (0.54)	※0.25~0.4			
AB31-02-6			5.0 (0.80)	※0.15~0.2	18 (15)		
AB41-02-1			1.5 (0.10)	※1~5			
AB41-02-2			2.0 (0.15)	※1~3			
AB41-02-3			3.0 (0.31)	※0.9~1.5			
AB41-02-4			3.5 (0.42)	※0.6~1.2	29 (24)		
AB41-02-5			4.0 (0.54)	※0.5~1			
AB41-02-6			5.0 (0.80)	※0.25~0.6			
AB41-02-7			7.0 (1.0)	※0.1~0.25			
AB41-03-7		3/8"	7.0 (1.0)	※0.1~0.25	18 (15)	-10~60 不冻结 蒸汽时 180℃	
AB41-03-8	10.0 (1.88)		※0.05~0.1				
AB41-04-8	1/2"	10.0 (1.88)	※0.05~0.1	29 (24)			

*Please contact factory for special voltage and sepcification.

*使用流体AC、DC电源的不同，最高工作压力有变化。
*电压：AC220V (50Hz), DC24V，其他可特殊订货。
*电线连接：直接引线(标准)、DIN接线盒、开式罩壳、接线盒。
*可集成化
*流体是蒸汽时，请在型号后面注上-C4A。



SLG

5404

04

AC110V

D

Factory Code

Model

Joint Pipe Bore

04:1/2"

06:3/4"

08:1"

Standard Voltage

DC12V

DC24V

AC24V 50/60Hz

AC36V 50/60Hz

AC110V 50/60Hz

AC220V 50/60Hz

AC380V 50/60Hz

Wiring Form

Blank: Lead Wire Type

D: Join Connector

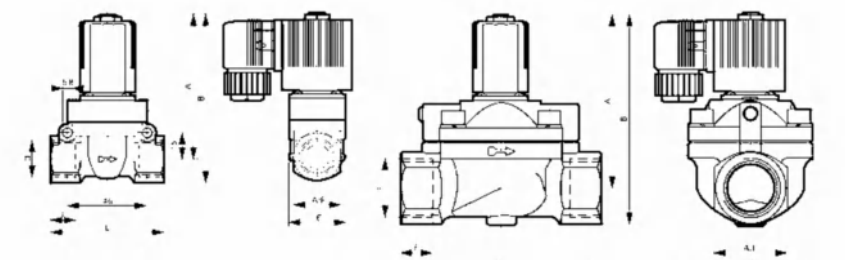
5404 Series High Pressure, High Temperature Solenoid Valve

Specification

Model	SLG5404-04	SLG5404-06	SLG5404-08
Working Medium	Air,Water,Oil		
Motion Pattern	Guide Type		
Type	Normal Close Type		
Aperture of Flow Rate(mm)	13	25	25
Kv Value	2	5	10
Joint Pipe Bore	1/2"	3/4"	1"
Working-pressure (kgf/cm ²)	Gas: 1 ~ 50 Liquid: 1 ~ 40	Gas: 1 ~ 30 Liquid: 1 ~ 25	Gas: 1 ~ 30 Liquid: 1 ~ 25
Max. Pressure Resistance(kgf/cm ²)	75	40	
Operating Temperature Range (°C)	-5~150		
Voltage Range	±10%		
Protect Class	IP65		
Power Consumption	AC:5.5VA DC:9W		
Insulation	F(Class)		
Material of Body	Brass		
Material of Oil Seal	PTFE		

*Please contact factory for special voltage and sepcification.

Oevrall Dimension



Model	(mm)	连接接口	A	B	F	E	L	A/F
SLG5404-04	12.0	1/2"	76	90	13	32	64	28
SLG5404-06	20.0	3/4"	99.5	118	16	60	91	41
SLG5404-08	25.0	1"	99.5	118	16	60	91	41

2/2 Way General Purpose Solenoid Valves



Specification Code	09	-	27	-	□	-	AC110V
Type	09: Two position two way solenoid valve 27: Normal Close Type						
Joint Pipe Bore	000: G1/4 300: G3/4 100: G3/8 400: G1 200: G1/2						
Standard Voltage	DC12V DC24V AC24V 50/60Hz AC36V 50/60Hz AC110V 50/60Hz AC220V 50/60Hz AC380V 50/60Hz						

Product Introduction

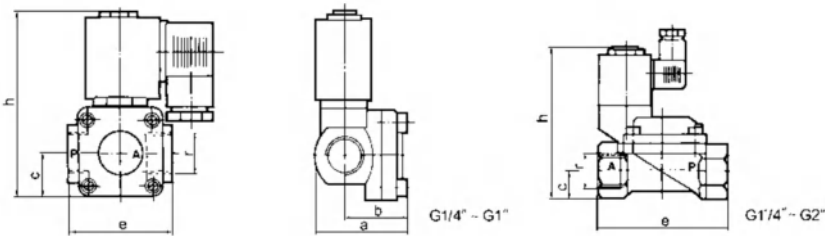
- 1、0927 series solenoid valves are normally closed.
- 2、Replace the solenoid can make the valves explosion-proof.

2/2 Way General Purpose Solenoid Valves

Specification

Model	0927000	0927100	0927200	0927300	0927400	0927500	0927600	0927700
Orifice Size (mm)	8	10	12	20	25	32	40	50
Operating Pressure (Mpa)	0.07~1.6					0.1~1.6		
Operating Temperature (℃)	-5 ~ 80℃ for NBR , -5~150℃ for VITON ,EPDM							
Effective Section (mm²)	20	40	60	110	190	300	400	500
Voltage (V)	AC: 220, 110 DC: 24							

Oevrall Dimension



Model	a	b	c	e	h	r
0927200	45	31.5	22	53	98	G1/2
0927300	58	41	30	82	115	G3/4
0927400	65	43	30	87	115	G1

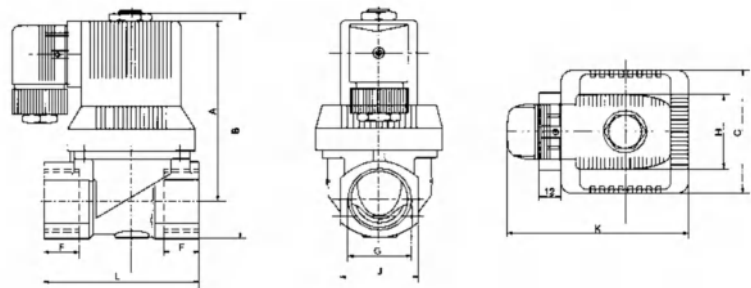
SLG6213 Series Solenoid Valve



Specification

Model	SLG6213-02	SLG6213-03	SLG6213-04	SLG6213-04	SLG6213-06	SLG6213-06	SLG6213-08
Inside Nominal Diameter(mm)	4	10		14		25	
Inside Pipe Screw Thread	G1/8"	G3/8"	G1/2"	G1/2"	G3/4"	G3/4"	G1"
Working Pressure (Kg/cm ²)	0~6	0.3~10					
Environment Temperature (°C)	-20~+55	-10~+55					
Medium Temperature (°C)	0~+90	-10~+90					
Kv Value (m³/h)	2	3.6		8.3		11	
Power Consumption	AC(VA)	14					
	DC(W)	8					
Change Frequency (Hz)	≥1			≥0.5			
Power,voltage	AC:50Hz 24V 36V 110V 220V DC: 24V,12V						

Oevrall Dimension



Model	G	C	F	L	J	A	B	H	K
SLG6213-02	G1/4"	35	10	50	26	74	87	40	80
SLG6213-03	G3/8"	35	10	50	26	74	87	40	80
SLG6213-04	G1/2"	35	10	50	26	74	87	40	80
SLG6213-06	G3/4"	45	16	62	31	82	99	40	80
SLG6213-08	G1"	60	18	81	41	98	118	40	80

2P Series Solenoid Valve



2P025-08



2T025-08

Specification Code

2P: Two position two way solenoid valve (Plastic Steel Type)

2T:Two position Two way solenoid valve(brass Type)

Aperture of Flow Rate

025: 2.5mm

Joint Pipe Bore

06: 1/8"

08: 1/4"

Standard Voltage

- DC12V
- DC24V
- AC24V 50/60Hz
- AC36V 50/60Hz
- AC110V 50/60Hz
- AC220V 50/60Hz
- AC380V 50/60Hz

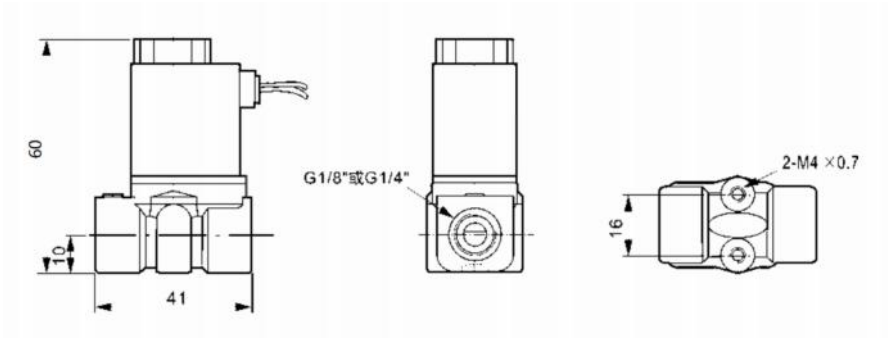
2P - 025 - 06 - AC110V

2P Series Solenoid Valve

Specification

Model	2P025-06	2P025-08
Medium	Air,Water,Oil,Gas	
Motion Pattern	Direct Drive Type	
Type	Normal Close Type	
Aperture of Flow Rate(mm)	2.5	
CV Value	0.23	
Joint Pipe Bore	1/8"	1/4"
Operation Fluid Viscosity	20 CST(Below)	
Working-pressure(kgf/cm ²)	0~7	
Max. Pressure Resistance(kgf/cm ²)	10.5	
Operating Temperature Range (°C)	-5~80	
Voltage Range	±10%	
Power Consumption	AC:7VA/50Hz; 9VA/50Hz, DC:6W	
Material of Body	Engineering Plastic Steel	
Material of Oil Seal	NBR,EPDM / VITON	

Oevrall Dimension



DL Orifice Adjustable Steam Solenoid Valve



DL-6C



DL-6K



DL-6F

Features

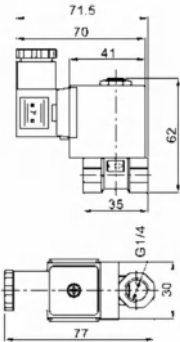
- 1. Can be installed directly on steam iron device as flow control switch.
- 2. Including adjustable and un-adjustable types.
- 3. Fully made of heat resistant material, can reach H Grade.
- 4. Adjust the flow of steam, easily to be operated.
- 5. Direct acting type with good sealing structure, and water-proof character.

Specification

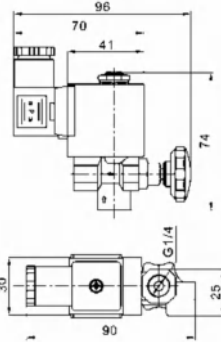
Model	DL-6C	DL-6K	DL-6F
Medium	Water, Steam		
Motion Pattern	Direct Drive Type		
Type	Normal Close Type, Two-position Two-way		
Aperture of Flow Rate(mm)	2.5	0~2.5	0~2.5
Joint Pipe Bore	G1/4", G1/8"		
Working-pressure	0~0.8MPa		
Ambient Temperature	0.1~180℃		
Voltage Range	AC24, AC110V, AC220-240V, 50/60Hz ±10%		
Material of Body	Brass		
Seal	PTFE, VITON		

Overall Dimension

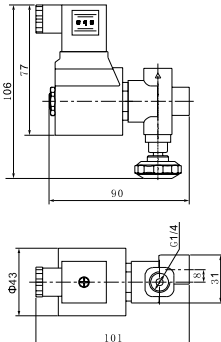
DL-6C



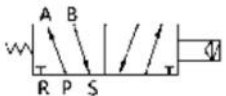
DL-6K



DL-6F



SLG 5/2 Way Tiger Valve



SLG - 5 - 08 - AC220

Model

Solenoid valve without type F magnet coil
SLG: Single electric control valve
SLGA: Single control pneumatic valve

Valve function

SLG
5: 5/2 way solenoid valve, single electric control
3: 3/2 way solenoid valve, single electric control
SLGA
5: 5/2way air pilot valve, single air control
3: 3/2way air pilot valve, single air control

Pneumatic connection

06: G1/8"
08: G1/4"

Standard Voltage

DC12V
DC24V
AC24V 50/60Hz
AC36V 50/60Hz
AC110V 50/60Hz
AC220V 50/60Hz
AC380V 50/60Hz

SLG 5/2 Way Tiger Valve

Features

- 1、Large flow
Featured flow at 1300 L/min (Cv=1.32) , meet the demand of large bore and long stroke cylinder.
- 2、Low requirement quality of air filtration
Coaxial structure design with better dust resistance function than spool type valve.
- 3、Reliable quality sealing with longer durability
Coaxial structure design avoids direct friction between seal and valve body.
Significantly increases the life of seal and valve body.
Seal material is polyurethane to ensure better durability.

Specification

Model	SLG
Valve Type	5/2 way
Effective Cross Section Area	22.5mm ² (CV=1.32)
Port Size	Inlet, Outlet, Exhaust Port = G1/4" / G1/8"
Filter Precision	40 Micron Filtered Air
Operation	Internal Piloted
Working-pressure	0.25 ~ 1.0MPa
Max. Test Pressure	1.2MPa
Max. Ambient Temperature	5 ~ 50°C
Operating Voltage Tolerance	±10%
Power Consumption	AC: 5.5VA DC: 4.8W
Protection	F(Class). IP65 / F Class. IP65
Wiring / Connector	Cable / Lead Wire or DIN Connector
Switching Frequency	5 Cycles / Sec
Response Time	0.05Sec.

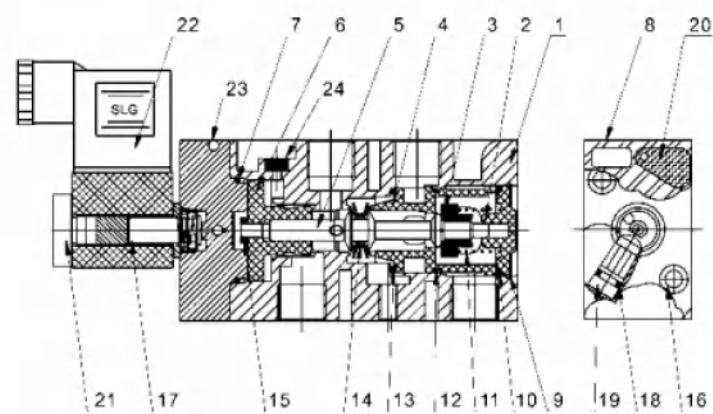
SLG 5/2 Way Tiger Valve

Parts

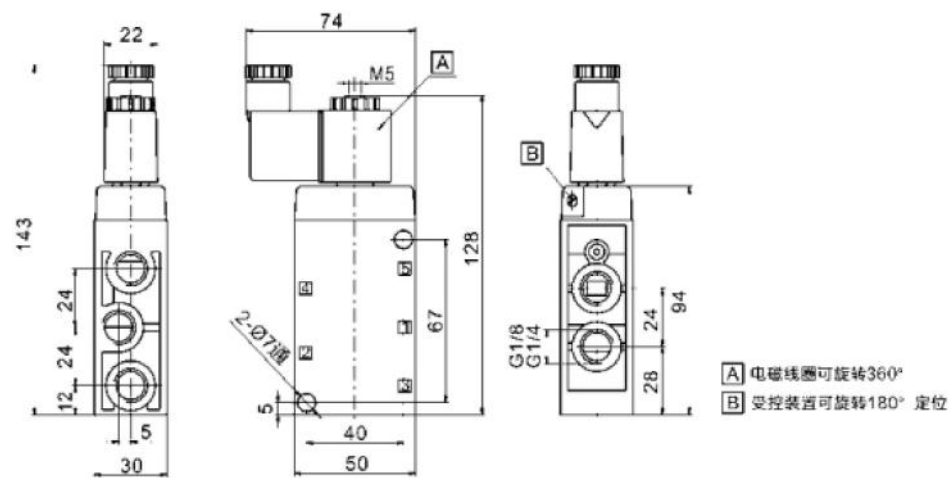
NQ.	Code	Name	Number	Material
1	XYMFH-5-1/4-01	Body Of Valve	1	Die Casting Aluminum Alloy
2	XYMFH-5-1/4-02	Back Cover	1	Aluminum Oxide Blue
3	XYMFH-5-1/4-03	Sulfide Pieces	1	Aluminum Sulfide
4	XYMFH-5-1/4-04	Spacer	1	Aluminum Oxide Blue
5	XYMFH-5-1/4-05	Valve Rod	1	6061
6	XYMFH-5-1/4-06	Plasticizing Pieces	1	Aluminum Plasticizing
7	XYMFH-5-1/4-07	O-ring	1	NBR
8	XYMFH-5-1/4-08	Iron Core Seat	1	Die Casting Aluminum Alloy
9	XYMFH-5-1/4-09	Circlip	1	A3
10	XYMFH-5-1/4-10	O-ring	1	NBR
11	XYMFH-5-1/4-11	Spring	1	65MN
12	XYMFH-5-1/4-12	O-ring	1	NBR
13	XYMFH-5-1/4-13	O-ring	1	NBR
14	XYMFH-5-1/4-14	With Mat	1	Rubber
15	XYMFH-5-1/4-15	Hexagonal Nut	1	A3
16	XYMFH-5-1/4-16	Socket Head Cap Screw	2	Nickel Plating
17	XYMFH-5-1/4-17	Iron Core	1	Components
18	XYMFH-5-1/4-18	O-ring	1	NBR
19	XYMFH-5-1/4-19	Manual Rod	1	Zinc Alloy
20	XYMFH-5-1/4-20	Special-shaped Pad	1	NBR
21	XYMFH-5-1/4-21	Nut	1	6061
22	XYMFH-5-1/4-22	Coil	1	Components
23	XYMFH-5-1/4-23	Φ3 Steel Ball	1	304
24	XYMFH-5-1/4-24	Silencing Slice	1	Brass

SLG 5/2 Way Tiger Valve

Inner Structure



Overall Dimension



HLP Series Pressure Control

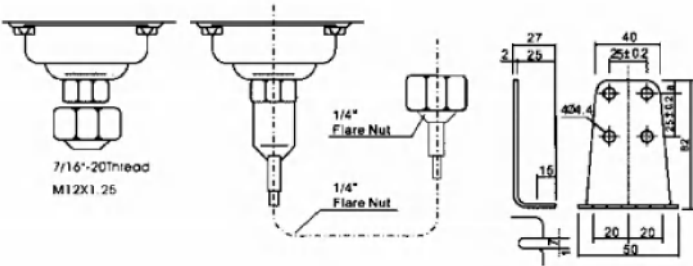


HLP110
HLP506
HLP506M
HLP530
HLP530D
HLP530M
HLP830HLM
HLP830M

Slight moring switch's data

Specified Electric Current	Specified Voltage	
	A.C.125	A.C.125
Disguide Load	48	12
Max. Load	48	12
Twinking Electric Curret	228	72

Way of connection



Specification

Model		Regular Limits		Switch Voltage Disparity		Setting of Learning the Factory	
		Min.	Max.	Min.	Max.	(cut-off) Link-up	(cut-off) Link-up
HLP110		0.1	1	0.1	0.3	0.6	0.5
HLP506		-0.07	0.6	0.06	0.4	0.3	0.2
HLP506M		-0.07	0.6	Duplicate Voltage Disparity≤ 0.4		0.3	Manual Restoration
HLP530		0.5	3	Fixed 0.3 To 0.5		2	1.5
HLP530D		0.5	3	0.5	1	2	1.5
HLP530M		0.5	3	Duplicate Voltage Disparity≤ 0.4		2	Manual Restoration
HLP830	Low Voltage End	-0.07	0.6	0.06	0.4	0.3	0.2
	High Voltage End	0.5	3	Fixed 0.3 to 0.5		2	1.5
HLP830HLM	Low Voltage End	-0.07	0.6	Duplicate Voltage Disparity≤ 0.4		0.3	Manual Restoration
	High Voltage End	0.5	3	Duplicate Voltage Disparity≤ 0.4		2	Manual Restoration
HLP830HM	Low Voltage End	-0.07	0.6	0.06	0.4	0.3	0.2
	High Voltage End	0.5	3	Duplicate Voltage Disparity≤ 0.4		2	Manual Restoration

Solenoid Valve Fittings



2W(2L,US) Large Aperture Coil

Coil Aperture,height	Φ23X55
Applicable Power And Voltage	AC 28VA DC 50W



2W(UW) Series Coil

Coil Aperture,height	Φ16X37
Applicable Power And Voltage	AC 12VA DC 24W



2W(UD) Series Coil

Coil Aperture,height	Φ14X31
Applicable Power And Voltage	AC 5.5VA DC 12W



2W(2L,US) Large Aperture Plastic Capsulation Coil

Coil Aperture,height	20X55
Applicable Power And Voltage	AC 28VA DC 38W



AB310A AB410A AB410B AB510

Coil Aperture,height	Φ14X31	Φ16X38	Φ16X38	Φ16X39
Applicable Power And Voltage	AC 15VA -45VA DC 11W-31W			



PU Series Coil

Coil Aperture,height	14.5X42
Applicable Power And Voltage	AC 22VA DC 20W



Blast-proof Series Coil

Coil Aperture,height	Φ16X44	Φ9X31	Φ14X44	Φ20X63
Power	AC 15VA-20VA DC 4.2W-19W			

Solenoid Valve Fittings

VX Series Coil

Coil Aperture,height	Φ11X35
Applicable Power And Voltage	AC 13VA DC 11W



2V,2P Series Coil

Coil Aperture,height	Φ9X29.5
Applicable Power And Voltage	AC 8VA DC 6W



Valve Timer

For DIN43650B Socket Type Coil	
Use Voltage Range	24-240V
Protect Class	IP65



Pu220 Series Diaphragm

Model	
PU220-03A	PU220-06A
PU220-04A	PU220-08A



Pu225 Series Diaphragm

Model	
PU225-03A	PU225-06A
PU225-04A	PU225-08A



2W Series Diaphragm

Model		
2W-160-15	2W-250-25	2W-400-40
2W-200-20	2W-350-35	2W-500-50



Solenoid Valve Fittings



2L(US) Series Piston

Model	
2L-170-10/15/20	2L-350-35/40
2L-200-25	2L-500-50



2W(UD) Series Armature Sets

Aperture	Φ13.5	
Model	2W025-06	2W025-08



2W(UD) Series Armature Sets

Aperture	Φ16		
Model	2W160-10/15	2W200-20	2W250-25



2W(UD) Series Armature Sets

Aperture	Φ20		
Model	2W350-35	2W400-40	2W500-50



PU Series Armature Sets

Aperture	Φ14.5			
Model	PU220-03A	PU220-04A	PU220-06A	PU220-08A
	PU225-03A	PU225-04A	PU225-06A	PU225-08A
	PU225-12A	PU225-14A	PU225-20A	



2L Series Armature Sets

Aperture	Φ20	
Model	2L-170-10/15/20	2L-350-35/40
	2L-200-25	2L-500-50