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2V Series 2/2 Solenoid Valve

Ordering Code

2V	025	06	–	AC110V	–	V

Specification Code
2V:Two-positionTwo-way Solenoid Valve

Aperture of Flow Rate
025:2.5mm
130:13mm
250:25mm

Port Size
06:G1/8"
08:G1/4"
10:G3/8"
15:G1/2"
20:G3/4"
25:G1"

Standard Voltage
DC12V
DC24V
AC24V 50Hz/60Hz
AC110V 50Hz/60Hz
AC220V 50Hz/60Hz
AC380V 50Hz/60Hz

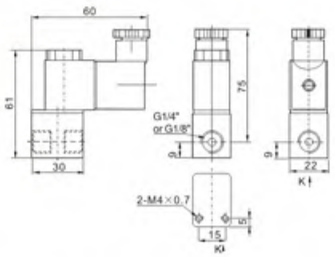
Oil Seal Code
Blank:NBR
V:VITON(For High temperature)

Graphic Symbol

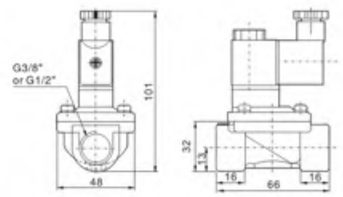
Specification

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(mm)	2.5		13		25	
CV Value	0.23		6.2		23	
Port Size	G1/8"	G1/4"	G3/8"	G1/2"	G3/4"	G1"
Operation Fluid Viscosity	20 CST (Below)					
Working-pressure	Air,Water,Oil 0~0.8MPa		Air,Water,Oil 0.05~0.7MPa			
Max. Pressure Resistance	12kgf/cm^2		10.5kgf/cm^2			
Operating Temperature Range	-10~+80℃					
Voltage Range	±10%					
Protect Class	IP65					
Power Consumption	AC:7VA860Hz PC:6W					
Insulation	F Class					
Material of Body	Aluminum or Brass		Brass			
Material of Oil Seal	NBR or VITON		NBR or VITON			
Shortest Excitation Time	0.05 Second					

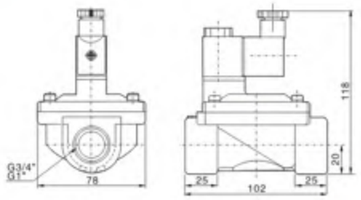
Overall Dimensions



2V025



2V130



2V250

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2P Series 2/2 Solenoid Valve (Plastic Steel Type)

Ordering Code

2P — 025 — 06 — AC110V — □

Specification Code
2P:Two-position Two-way Solenoid Valve (Reinforced plastic steel type)

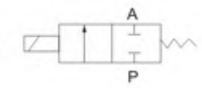
Aperture of Flow Rate
025:2.5mm

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

Standard Voltage
DC12V DC24V
AC24V 50Hz/60Hz
AC110V 50Hz/60Hz
AC220V 50Hz/60Hz
AC380V 50Hz/60Hz

Wiring Form
Blank:Lead wire Type
D: Join Connector

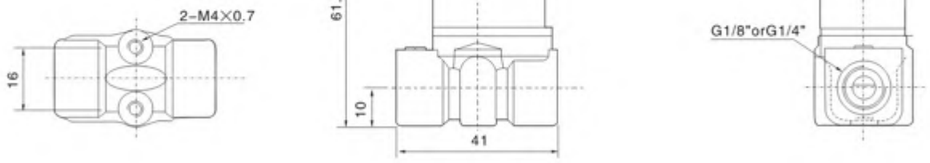
Graphic Symbol



Specification

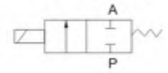
Model	2P025-06	2P025-08
Working Medium	Air,Water,Oil,gas	
Motion Pattern	Direct Drive Type	
Type	Normal Close Type	
Aperture of Flow Rate(mm)	2.5	
CV Value	0.23	
Port Size	G1/8"	G1/4"
Operation Fluid Viscosity	20 CST (Below)	
Working-pressure	0~0.7MPa	
Max. Pressure Resistance	1.0MPa	
Operating Temperature Range	-5~+80℃	
Voltage Range	±10%	
Material of Body	Engineering Plastic Steel	
Material of Oil Seal	NBR EPDM or VITON	

Overall Dimensions



2W(UD) Series 2/2 Direct Drive Type Solenoid Valve (Small Aperture)

Graphic Symbol



Ordering Code

2W — 025 — 08 — F — AC110V — □

Specification Code
2W:Two-position Two-way solenoid valve direct drive type
2WH:Two-position Two-way solenoid valve(High pressure diect drive Type)

Aperture of Flow Rate
012:1.2mm
020:2.0mm
025:2.5mm
040:4.0mm

Port Size
06:G1/8"
08:G1/4"
10:G3/8"

Initial Estate
Blank:Pipe Jiont type
F: Flange Type

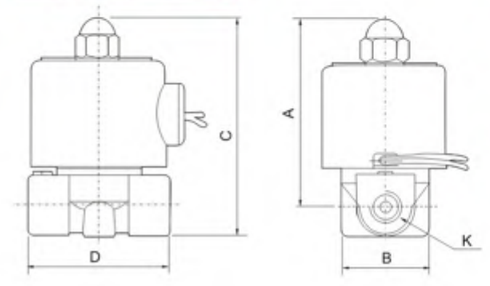
Standard Voltage
DC12V DC24V
AC24V 50Hz/60Hz
AC36V 50Hz/60Hz
AC110V 50Hz/60Hz
AC220V 50Hz/60Hz
AC380V 50Hz/60Hz

Wiring Form
Blank:Lead Wire Type
D:Join Connector
E:Blast-proof Coil
G:Water-proof Coil

Specification

Model	2W025-06	2W025-08	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(mm)	2.5		4	1.2		2
CV Value	0.23		0.60	0.05		0.15
Port Size	G1/8"	G1/4"	G3/8"	G1/8"	G1/4"	G3/8"
Operation Fluid Viscosity	20 CST (Below)					
Working-pressure	Air,Water,Oil,Gas:0~0.7MPa			Air,Water,Oil:0~2.0MPa		
Max. Pressure Resistance	1.0			3.5		
Operating Temperature Range	-5~+80℃					
Voltage Range	±10%					
Material of Body	Brass					
Material of Oil Seal	NBR EPDM or VITON					

Overall Dimensions



Dimension Sheet

Symbol/Model	A	B	C	D	K(PT)
2W25-06	66	30.3	75	41.5	G1/8"
2W25-08	66	30.3	75	41.5	G1/4"
2W25-10	74	32.2	85.5	53	G3/8"
2WH12-06	66	30.3	75	40.5	G1/8"
2WH12-08	66	30.3	75	40.5	G1/4"
2WH12-10	74	32.3	85.5	53	G3/8"

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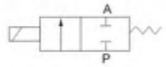
2W(UW) Series 2/2 Direct Drive Type Solenoid Valve (Large Aperture)

Graphic Symbol



Ordering Code

2W	160	–	15	–	F	AC110V	–	□

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

Port Size
10:G3/8"
15:G1/2"
20:G3/4"
25:G1"
35:G1 1/4"
40:G1 1/2"
50:G2"

Initial Estate
Blank:Pipe Jiont type
F: Flange Type

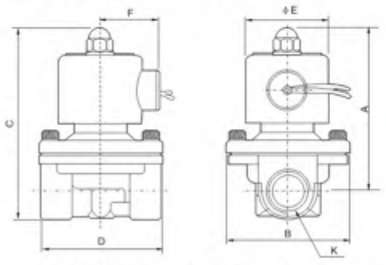
Standard Voltage
DC12V DC24V
AC24V 50Hz/60Hz
AC36V 50Hz/60Hz
AC110V 50Hz/60Hz
AC220V 50Hz/60Hz
AC380V 50Hz/60Hz

Wiring Form
Blank:Lead wire Type
D: Join Connector

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(mm)	16		20	25	35	40	50
CV Value	4.8		7.6	12	24	29	48
Port Size	G3/8"	G1/2"	G3/4"	G1"	G1 1/4"	G1 1/2"	G2"
Operation Fluid Viscosity	20 CST (Below)						
Working-pressure	Air:0~0.7MPa Water:0~0.5MPa Oil:0~0.5MPa Gas: 0~7MPa						
Max. Pressure Resistance	1.0MPa						
Operating Temperature Range	-5~+80℃						
Voltage Range	±10%						
Material of Body	Brass						
Material of Oil Seal	NBR EPDM or VITON						

Overall Dimensions



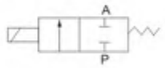
2W(Large Aperture)

Dimension Sheet

Symbol/Model	A	B	C	D	E	F	K
2W160-10	101.5	57	117	67	50	36	G3/8"
2W160-15	101.5	57	117	67	50	36	G1/2"
2W200-20	107	57	123.5	72	50	36	G3/4"
2W250-25	111.5	73.5	134.5	92	50	36	G1"
2W350-35	142	95	172	125	70.5	56	G1 1/4"
2W400-40	142	95	172	125	70.5	56	G1 1/2"
2W500-50	172	123	209	168	70.5	56	G2"

2S Series Solenoid Valve

Graphic Symbol



Ordering Code

2S	030	–	08	–	F	AC110V	–	□

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

Aperture of Flow Rate
030:3.0mm
040:4.0mm
160:16mm
200:20mm
250:25mm
350:35mm
400:40mm
500:50mm

Port Size
08:G1/4"
10:G3/8"
15:G1/2"
20:G3/4"
25:G1"
35:G1 1/4"
40:G1 1/2"
50:G2"

Initial Estate
Blank:Pipe Jiont type
F: Flange Type

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

Wiring Form
Blank:Lead Wire Type
D : Join Connector
E : Blast-proof Coil
G : Water-proof Coil

Specification

Model	2S030-06(08)	2S040-10	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(mm)	2.5	5	16	20	35	40	50
CV Value	0.23	0.60	4.8	7.6	24	29	48
Port Size	G3/8" G1/4"	G3/8"	G3/8" G1/2"	G3/4"	G1"	G1 1/4" G1 1/2"	G2"
Operation Fluid Viscosity	20 CST (Below)						
Working-pressure	Air:0~0.7MPa		Water:0~0.5MPa Air:0~0.7MPa Oil:0~0.5MPa Gas: 0~0.7MPa				
Max. Pressure Resistance	1.05MPa						
Operating Temperature Range	-5~+80℃						
Voltage Range	±10%						
Material of Body	Stainless steel						
Material of Oil Seal	NBR EPDM or VITON						

Note:2S Series Solenoid Valve's Oevrall Dimension, Flow Chart and Inner Structure all Same as 2W Series.

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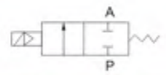
2L(US) Series 2/2 Solenoid Valve

Ordering Code

2L	170	—	15	—	AC110V
Specification Code 2L:Steam type Two-position Two-way Solenoid Valve	**Aperture of Flow Rate** 170:17mm 200:22mm 300:30mm 500:50mm		**Port Size** 10:G3/8" 15:G1/2" 20:G3/4" 25:G1" 35:G1 1/4" 40:G1 1/2" 50:G2"		**Standard Voltage** DC12V DC24V AC24V 50Hz/60Hz AC36V 50Hz/60Hz AC110V 50Hz/60Hz AC220V 50Hz/60Hz AC380V 50Hz/60Hz

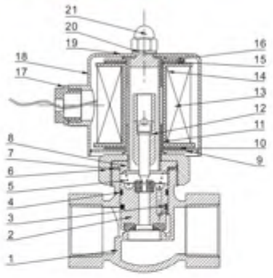
Graphic Symbol



Specification

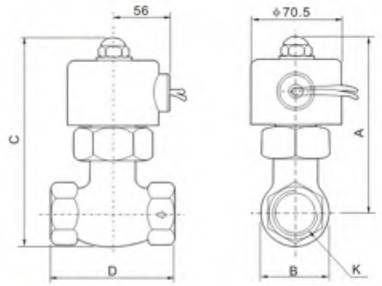
Model	2L170-10	2L170-15	2L170-20	2L200-25	2L300-35	2L300-40	2L500-50
Working Medium	Air, Water, Steam						
Motion Pattern	Guide Type						
Type	Normal Close Type						
Aperture of Flow Rate(mm)	17			22	30		50
CV Value	4.8			12	20		48
Port Size	G3/8"	G1/2"	G3/4"	G1"	G1 1/4"	G1 1/2"	G2"
Operation Fluid Viscosity	20 CST(Below)						
Working-pressure	Air, Water, Steam:0.1~1.5MPa						
Max. Pressure Resistance	2.25MPa						
Operating Temperature Range	-5~+180℃						
Voltage Range	±10%						
Material of Body	Brass						
Material of Oil Seal	PTFE						

Internal structure



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

Overall Dimensions

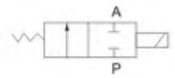


Dimension Sheet

Model	A	B	C	D	K
2L170-10	125	38	146	76	G3/8"
2L170-15	125	42	146	81	G1/2"
2L170-20	125	47	146	84	G3/4"
2L200-25	136	54	162	91.5	G1"
2L300-35	148	76	185	111	G1 1/4"
2L300-40	148	76	185	111	G1 1/2"
2L500-50	176	88	223	164	G2"

PU220 Series 2/2 Solenoid Valve(Direct drive type)

Graphic Symbol



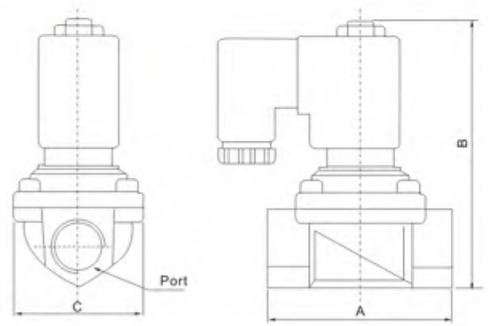
Ordering Code

PU	220	02	—	A	AC110V	—	T
Specification Code PU:Two -position Two -way solenoid valve	**Motion Pattem** 220:Direct drive Type	**Port Size** 01:G1/8" 02:G1/4" 03:G3/8" 04:G1/2" 06:G3/4" 08:G1" 12:G1 1/4" 14:G1 1/2" 20:G2"		**Initial Estate** A: Large Flux AR: Small Aperture Direct Drive F: Flange Type	**Standard Voltage** AC220V AC110V DC12V DC24V		**Wiring Form** Blank:Standard Coil T:Timer Coil

Specification

Model	PU220-01AR	PU220-02AR	PU220-03AR	PU220-03A	PU220-04A	PU220-06A	PU220-08A
Working Medium	Air, Water, Oil						
Motion Pattern	220:Direct Drive Type/225:Guide Type						
Type	Normal Close Type						
Aperture of Flow Rate(mm)	1.5	2.3	8	13	13	20	25
CV Value	0.10	0.18	1.00	4.00	4.00	8.60	11.00
Joint Pipe Bore	G1/8"	G1/4"	G3/8"	G3/8"	G1/2"	G3/4"	G1"
Operation Fluid Viscosity	50 CST						
Working-pressure	0~0.7MPa						
Max. Pressure Resistance	1.05MPa						
Operating Temperature Range	-5~+80℃						

Overall Dimensions



Dimension Sheet

Model	Port	A	B	C
PU220-01AR	G1/8"	22	72	22
PU220-02AR	G1/4"	35	72	25.4
PU220-03AR	G3/8"	55	79.5	30
PU220-03A	G3/8"	65.5	101	48
PU220-04A	G1/2"	65.5	101	48
PU220-06A	G3/4"	71	107	58
PU220-08A	G1"	97	120	70

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PU 225 Series 2/2 Solenoid Valve(Guide type)

Ordering Code

PU	225	—	03	—	A	AC220V	—	T

Specification Code
PU:Two-position two-way solenoid valve
SPU: Stainless steel two-position two-way solenoid valve

Motion Pattern
225: Guide Type

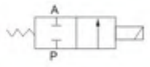
Port Size
03:G3/8"
04:G1/2"
06:G3/4"
08:G1"
12:G1¼"
14:G1½"
20:G2"

Initial Estate
A: Standard Type
F: Flange Type

Standard Voltage
AC220V
AC110V
DC12V
DC24V

Wiring Form
Blank:Standard Coil
T: Timer Coil

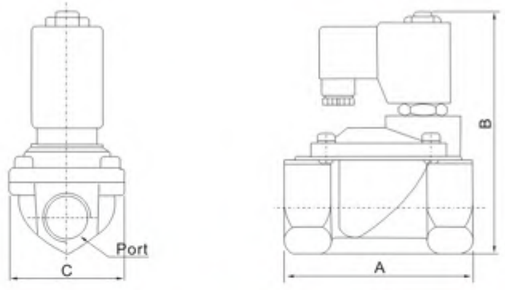
Graphic Symbol



Specification

Model	PU225-03A / SPU225-03A	PU225-04A / SPU225-04A	PU225-06A / SPU225-06A	PU225-08A / SPU225-08A	PU225-12A / SPU225-12A	PU225-14A / SPU225-14A	PU225-20A
Working Medium	Air,Water,Oil						
Motion Pattern	Guide Type						
Type	Normal Close Type						
Aperture of Flow Rate(mm)	13	13	25	25	38	38	50
CV Value	4.50	4.50	12.00	12.00	22.00	30.00	48.00
Port Size	G3/8"	G1/2"	G3/4"	G1"	G1¼"	G1½"	G2"
Operation Fluid Viscosity	50 CST (Below)						
Working-pressure	0.05~1.0MPa						
Max. Pressure Resistance	1.5MPa						
Operating Temperature Range	-5~+80℃						
Material of Body	Brass or steel						

Overall Dimensions



Dimension Sheet

Model	Bore	A	B	C
PU225-03A	G3/8"	66.5	106.5	48.0
SPU225-03A				
PU225-04A	G1/2"	66.5	106.5	48.0
SPU225-04A				
PU225-06A	G3/4"	72.0	113.0	58.0
SPU225-06A				
PU225-08A	G1"	96.0	121.0	70.0
SPU225-08A				
PU225-12A	G1¼"	128.0	145.5	96.0
SPU225-12A				
PU225-14A	G1½"	128.0	145.5	96.0
SPU225-14A				
PU225-20A	G2"	161.0	160.5	112.0

PU 225 Series Solenoid Valve(Steam Type)

Ordering Code

PU	225	—	03	—	S	AC220V

Specification Code
PU:Two-position two-way solenoid valve

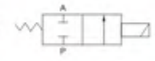
Motion Pattern
225: Guide Type

Port Size
03:G3/8" 04:G1/2"
06:G3/4" 08:G1"

Initial Estate
S: Steam Type

Standard Voltage
AC230V AC110V
DC12V DC24V

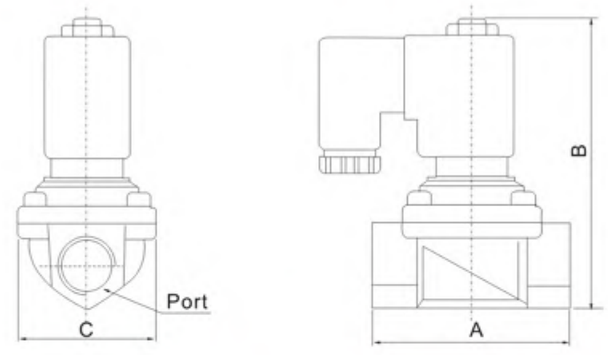
Graphic Symbol



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(mm)	13	13	25	25
CV Value	4.5	4.50	12.00	12.00
Port Size	G3/8"	G1/2"	G3/4"	G1"
Operation Fluid Viscosity	50 CST			
Working-pressure	0.05~1.0MPa			
Max. Pressure Resistance	1.5MPa			
Operating Temperature Range	-10~+185℃			

Overall Dimensions



Dimension Sheet

Model	Port	A	B	C
PU225-03S	G3/8"	65	121	48
PU225-04S	G1/2"	65	121	48
PU225-06S	G3/4"	97	152	70
PU225-08S	G1"	97	152	70

VICTORY PNEUMATIC
www.victorypneumatic.com

VX Series 2/2 Solenoid Valve

Ordering Code

VX2120 — 08 — A — AC220V

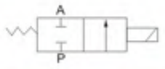
Specification Code

Port Size
06:G1/8"
08:G1/4"
10:G3/8"
15:G1/2"

Initial code
Blank: Standard Type
A: Large Flux

Standard Voltage
DC12V DC24V
AC24V 50Hz/60Hz
AC110V 50Hz/60Hz
AC220V 50Hz/60Hz
AC380V 50Hz/60Hz

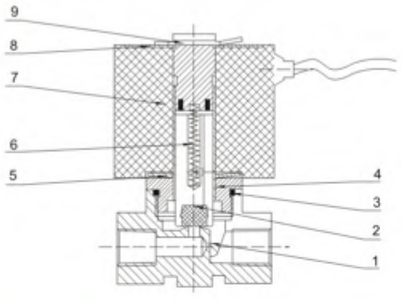
Graphic Symbol



Specification

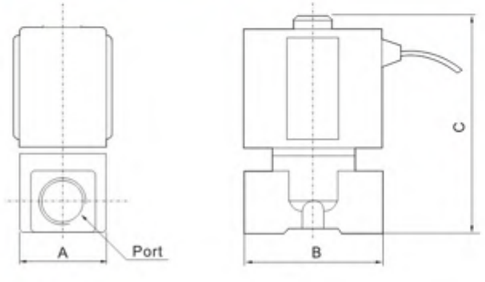
Model	VX2120-06	VX2120-08	VX2120-10	VX2120-10A	VX2120-15
Working Medium	Air, Water, Steam				
Motion Pattern	Direct Drive Type				
Type	Normal Close Type				
Working-pressure	0~1.0MPa				
Aperture of Flow Rate(mm)	3		10	13	
Port Size	G1/8"	G1/4"	G3/8"	G3/8"	G1/2"
Operating Temperature Range	-5~+150℃		-5~+80℃		
Material of Oil Seal	VITON		NBR		

Internal structure



NO	Code	Name
1	VX2120-06-01	Body Of Valve
2	VX2120-06-02	Assembly Of Iron Core
3	VX2120-06-03	O-ring
4	VX2120-06-04	Assembly Of Iron Core
5	VX2120-06-05	Spring
6	VX2120-06-06	Spring
7	VX2120-06-07	Coil
8	VX2120-06-08	Name Plate
9	VX2120-06-09	Clip

Overall Dimensions

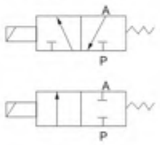


Dimension Sheet

Model	Port	A	B	C
VX2120-06	G1/8"	26	40	66
VX2120-08	G1/4"	26	40	66
VX2120-10	G3/8"	40	48	80
VX2120-10A	G3/8"	47	66	88
VX2120-15	G1/2"	47	66	88

V22/23 Series Solenoid Valve

Graphic Symbol



Ordering Code

V — 23 — 06 — AC220V

Factory Code

The Position counting
22 : Two position two way
23 : Two position three way

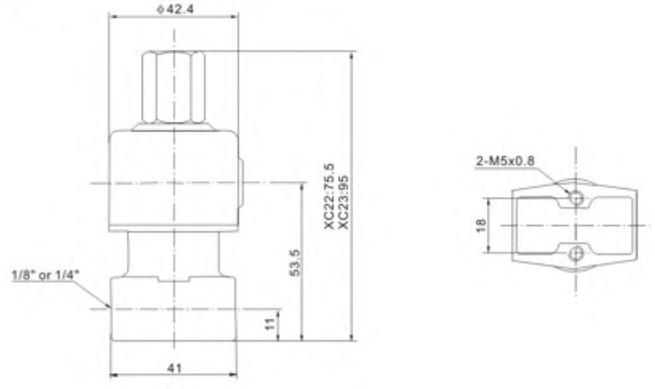
Port Size
06:G3/4"
08:G1"

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

Specification

Model	V22-06		V22-08		V23-06	V23-08
Working Medium	Air, Water, Oil				Air	
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	0.1	
Port size	G1/8"		G1/4"		G1/8"	G1/4"
Working-pressure Range	0~1.5	0~1.0	0~0.7	0~0.5	0~0.9	
Voltage Range	±10%					
Material of oil seal	NBR or VITON					

Overall Dimensions



VICTORY PNEUMATIC
www.victorypneumatic.com

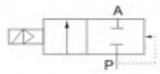
V5404 Series High Pressure,High Temperature Solenoid Valve

Ordering Code

V — 5404 — 04 — AC110V — □

- **Factory Code**: V
- **Model**: 5404
- **Port Size**: 04:G1/2" 06:G3/4" 08:G1"
- **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:Joint Connector

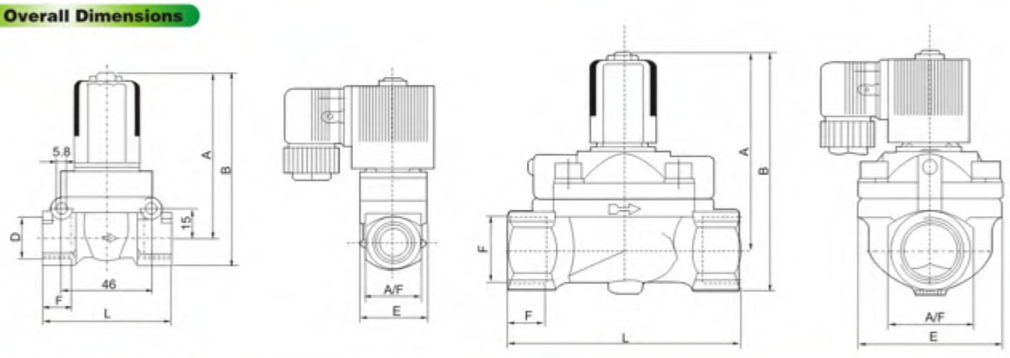
Graphic Symbol



Specification

Model	V5404-04	V5404-06	V5404-08
Working Medium	Air, Water, Oil, Gas		
Motion Pattern	Guide Type		
Type	Normal Close Type		
Aperture of Flow Rate(mm)	12	25	25
KV Value	2.0	5.0	10.0
Joint Pipe Bore	G1/2"	G3/4"	G1"
Working-pressure(kgf/cm²)	Gas:1~50,Liguid:1~50	Gas:1~40,Liguid:01~25	Gas:1~40, Liguid:1~25
Max. Pressure Resistance(kgf/cm²)	75	60	
Operating Temperature Range(℃)	-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		

Overall Dimensions



Dimension Sheet

Model	Bore(mm)	Port	A	B	F	E	L	A/F
V5404-04	12.0	G1/2"	83.0	98	14	32	63	27
V5404-06	20.0	G3/4"	99.5	125	16	60	92	40
V5404-08	25.0	G1"	99.5	125	16	60	92	40

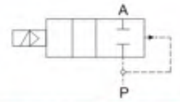
V6213 Series Diaphragm Type Solenoid Valve

Ordering Code

V — 6213 — 04 — AC110V — □

- **Factory Code**: V
- **Model**: 6213
- **Port Size**: 02:G1/4" 03:G3/8" 04:G1/2" 06:G3/4" 08:G1"
- **Standard Voltage**: DC12V DC24V AC36V 50/60Hz AC24V 50/60Hz AC110V 50/60Hz AC220V 50/60Hz AC380V 50/60Hz
- **Wiring Form**: Blank:Lead Wire Type D:Joint Connector

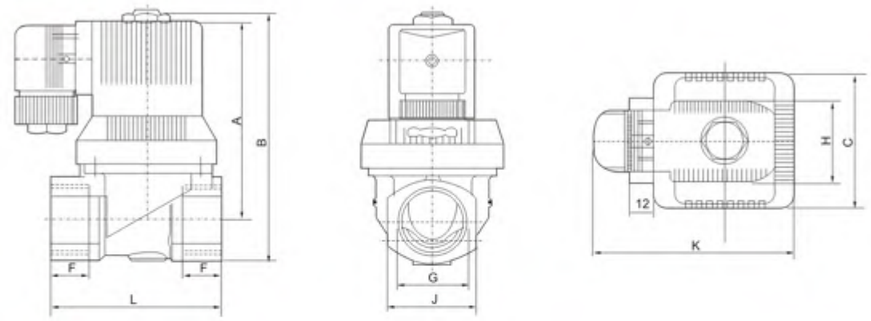
Graphic Symbol



Specification

Model	V6213-02	V6213-03	V6213-04	V6213-04	V6213-06	V6213-06	V6213-08
Inside nominal diameter(mm)	10			14		25	
Port Size	G1/4"	G3/8"	G1/2"	G1/2"	G3/4"	G3/4"	G1"
Working Pressure(MPa)	0.03~1.0						
Environment Temperature(℃)	-10~+55						
Medium Temperature(℃)	-10~+90						
Kv Value(m³/h)	2		3.6	8.3	8.3	11	11
Power Consumptin AC(VA)	14						
Power Consumptin DC(W)	8						
Change Frequency(Hz)	⩾1				⩾0.5		
Power/Voltage	AC: 50Hz 24V,36V,110V,220V, DC:24V,12V						

Overall Dimensions



Dimension Sheet

Model	G	C	F	L	J	A	B	H	K
V6213-02	G1/4"	38	14	50	26	71	85	35	71
V6213-03	G3/8"	38	14	50	26	71	85	35	71
V6213-04	G1/2"	38	14	50	26	71	85	35	71
V6213-04	G1/2"	45	16	58	31	82	96	35	80
V6213-06	G3/4"	45	16	58	31	82	96	35	80
V6213-06	G3/4"	65	18	80.5	41	96	117	35	90
V6213-08	G1"	65	18	80.5	41	96	117	35	90

VICTORY PNEUMATIC
www.victorypneumatic.com

2Q Series Air Control Two-Way Valve

Ordering Code

2Q — 200 — 25

Specification Code
2Q:Two position two way Air Control valve

Aperture of Flow Rate
160:16mm
200:22mm
250:25mm
350:35mm
400:40mm
500:50mm

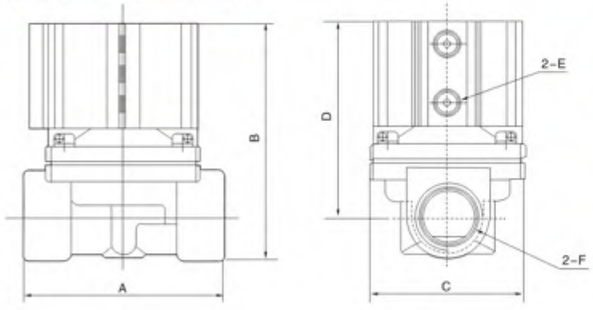
Port Size
15:G1/2"
20:G3/4"
25:G1"
35:G1 1/4"
40:G1 1/2"
50:G2"

Graphic Symbol

Specification

Model	2Q160-15	2Q200-20	2Q250-25	2Q350-35	2Q400-40	2Q500-50
Working Medium	Air, Water, Oil, Gas					
Motion Pattern	Direct Drive					
Aperture of Flow Rate(mm)	16	20	25	35	40	50
CV Value	4.8	12	7.6	24	29	48
Joint Pipe Bore	G1/2"	G3/4"	G1"	G1-1/4"	G1-1/2"	G2"
Operation Fluid Viscosity	50 CST(Below)					
Working-pressure Range	0~0.7Mpa					
Max. Pressure Resistance	1.05Mpa					
Control Pressure Range	0.3~0.6Mpa					
Operating Temperature Range	-5~100℃					
Material of Body	Brass					
Material of Oil Seal	PTFE					
Control Joint Pipe Bore	2-M5	2-G1/8"	2-G1/8"	2-G1/4"	2-G1/4"	2-G1/4"

Overall Dimensions



Dimension Sheet

Model	A	B	C	D	E	F
2Q160-15	67	89	57	75	M5	G1/2"
2Q200-20	99	116	57	95	G1/8"	G3/4"
2Q250-25	99	116	57	95	G1/8"	G1"
2Q350-35	127	123	93	97	G1/4"	G1-1/4"
2Q400-40	123	146	95	116	G1/4"	G1-1/2"
2Q500-50	170	155	118	114	G1/4"	G2"

MFZ Series Right Angle Pulse Valve

Ordering Code

MF — Z — 25 — P — EX

Pulse Valve

Type Code
Z:Solenoid Control
Q:PneumatiC Control

Orifice Size

Thead Type
Blank:Normal Thread Type
A:Thread Type+ Insert pipe
P:Thread Type
S:Double Diaphragms
J:Thread Type (Economy Type)

Wiring Form
Blank:Normal Type
EX:Ex-proof type

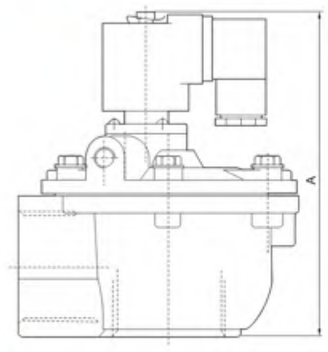
Speciality

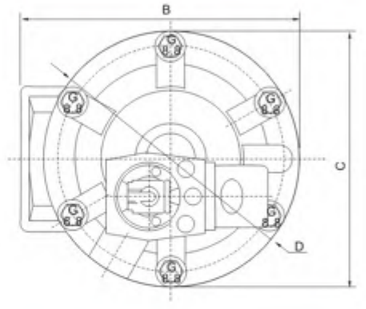
Adopt international advanced technology.
Used for dust remover.
Key parts all made of imported materials.
Pneumatic control type,solenoid control type,ex-proof solenoid control type for choose.
Female thread connection port,easy to be mounted.

Specification

Model	MF-Z-20A	MF-Z-20P	MF-Z-20	MF-Z-25	MF-Z-25P	MF-Z-35P	MF-Z-40S	MF-Z-50S	MF-Z-62S	MF-Z-76S	MF-Z-100S
Working Pressure	0.3~0.6MPa										
Ambient Temperature	-5~55℃										
Relatively Humidity	<85%										
Working Medium	Clean Air										
Voltage	AC110V/AC220V/DC24V										
Diaphragm Life Cycles	Over 1000k Cycles										
Orifice(mm)	ϕ20	ϕ20	ϕ20	ϕ25	ϕ25	ϕ35	ϕ40	ϕ50	ϕ62	ϕ76	ϕ100
Connection Port	G3/4"	G3/4"	G3/4"	G1"	G1"	G1 1/2"	G1 1/2"	G2"	G1 1/2"	G3"	ϕ100

Overall Dimensions





Dimension Sheet

Model	MF-Z-20A	MF-Z-20P	MF-Z-20	MF-Z-25	MF-Z-25P	MF-Z-35P	MF-Z-40S	MF-Z-50S	MF-Z-62S	MF-Z-76S	MF-Z-100S
A	173	124	110	110	124	142	166	202	222	245	356.5
B	145	105	90.5	90.5	105	121	132	210	210	230.5	286.5
C	-	82.5	75	75	82.5	-	-	-	-	-	-
D	ϕ90	-	-	-	-	ϕ112	ϕ137	ϕ185	ϕ185	ϕ200	ϕ221

VICTORY PNEUMATIC
www.victorypneumatic.com

MFY Series In Line Pulse Valve

Ordering Code

MF — Y — 50 — S — EX

- MF: Pulse Jet Valve
- Y: Type Code (Y:Solenoid Control; Q:PneumatiC Control)
- 50: Orifice
- S: Double Diaphragms
- EX: Wiring Form (Blank:Normal Type; EX:Ex-proof Type)

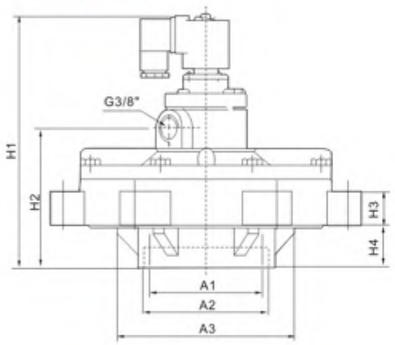
Speciality

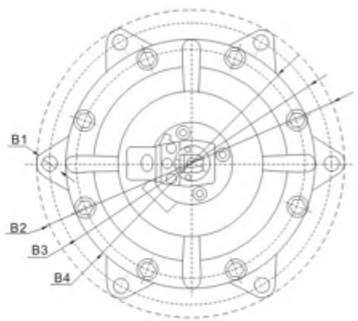
Adopt international advanced technology
Used for dust remover
Key parts all made of imported materials
Pneumatic control type.solenoid control type.ex-proof solenoid control type for choose
Directing mounted to gas bag better rblowing effectand small loss of air source.

Specification

Model	MF-Y-50S	MF-Y-62S	MF-Y-76S
Working Pressure	0.3~0.6MPa		
Ambient Temperature	-5~55℃		
Relatively Humidity	＜85%		
Working Med ium	Clean Air		
Voltage	AC110V/AC220V/DC24V		
Diaphragm Life Cycles	Over One Million Cycles		
Orifice(mm)	ϕ50	ϕ62	ϕ76
Connection Port	ϕ62	ϕ80	ϕ90

Overall Dimensions





Dimension Sheet

Model	A1	A2	A3	B1	B2	B3	B4	H1	H2	H3	H4
MF-Y-50S	ϕ64.5	ϕ78.5	ϕ118	6-ϕ11.5	ϕ200	ϕ180	ϕ159	187	100	25	31
MF-Y-62S	ϕ80	ϕ93.5	ϕ145	6-ϕ11	ϕ226	ϕ204	ϕ185	197	107	34.5	35
MF-Y-76S	ϕ90	ϕ99	ϕ141	6-ϕ11	ϕ248	ϕ227	ϕ200	205	113	27	34

MF Series Insert Pipe Type Pulse Valve

Ordering Code

MF — 25 — DD — EX

- MF: Pulse Jet Valve
- 25: Orifice
- DD: Insert Pipe Type
- EX: Wiring Form (Blank:Normal Type; EX:Ex-proof Type)

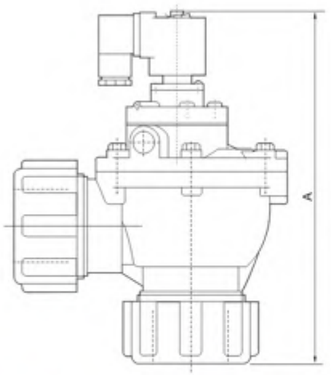
Speciality

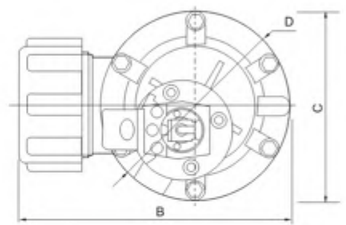
Adopt international advanced technology
Used for dust remover
Key parts all made of imported materials
Pneumatic control type.solenoid control type,ex-proof solenoid control type for choose.
Inse rt pipe style,much easier to be mounted.

Specification

Model	MF-25DD	MF-45DD
Working Pressure	0.3~0.6MPa	
Ambient Temperature	-5~55℃	
Relatively Humidity	＜85%	
Working Med ium	Clean Air	
Voltage	AC110V/AC220V/DC24V	
Diaphragm Life Cycles	Over One Million Cycles	
Orifice(mm)	ϕ25	ϕ40
Connection Port	ϕ35	ϕ50

Overall Dimensions





Dimension Sheet

Model	A	B	C	D
MF-25DD	189	131	82.5	-
MF-45DD	237	179.5	-	ϕ126

VICTORY PNEUMATIC
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CP Series Plastic Actuator Bevel Valve

Ordering Code

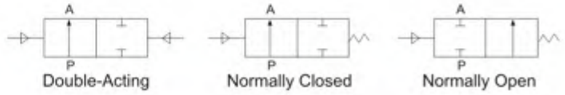
CP — 15 — □

CP Series Plastic Bevel Valve

Port Size
15mm
20mm
25mm
32mm
40mm
50mm

Type
SC:Single Action Normal Close
DO:Double Action Normal Open

Graphic Symbol

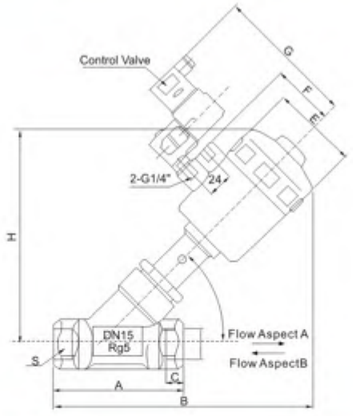


Double-Acting　Normally Closed　Normally Open

Specification

Orifice Size	15	20	25	32	40	50
Port size	G1/2"	G3/4"	G1"	G1-1/4"	G1-1/2"	G2"
KV Value(m^3/h)	4.2	8	19	27.5	42	55
Max.Working Pressure(Mpa)	0~1.6	0~1.1	0~1.1	0~1.5	0~1.25	0~1.0
Min.Pilot Pressure(Mpa)	0.39	0.39	0.42	0.5	0.44	0.4
Polyamide	50	50	63	63	63	80
Medium Temperature	-10~+180℃					
Flow Direction	A(Flow Direction Below The Seat) or B(Flow Direction above The Seat)					

Overall Dimensions



Dimension Sheet

Orifice Size (mm)	Port size	Actuator Size(ϕmm)		A	B		C	ϕE		F		G		H		L	S
		Polyamide	Aluminum Alloy		Polyamide	Aluminum Alloy		Polya-mide	Aluminum Alloy	Polya-mide	Aluminum Alloy	Polya-mide	Aluminum Alloy	Polya-mide	Aluminum Alloy		
15	G1/2"	50	-	85	173	-	12	64	-	44	-	112	-	137	-	33	27
20	G3/4"	50	-	95	178	-	12	64	-	44	-	112	-	145	-	35	23
25	G1"	63	-	105	212	-	14	80	-	52	-	120	-	173	-	40	41
32	G1-1/4"	63	100	118	236	278	16	80	140	52	70	120	138	189	250	35	55
40	G1-1/2"	63	100	130	230	270	18	80	140	52	70	120	138	189	250	35	55
50	G2"	80	125	150	238	300	20	100	170	52	83	120	151	250	280	38	70

C Series Stainless Steel Bevel Valve

Ordering Code

C — 10 — 40 — □

C Series
Stainless Steel Bevel Valve

Port Size
10:G3/8"
15:G1/2"
20:G3/4"
25:G1"
32:G1-1/4"
40:G1-1/2"
50:G2"

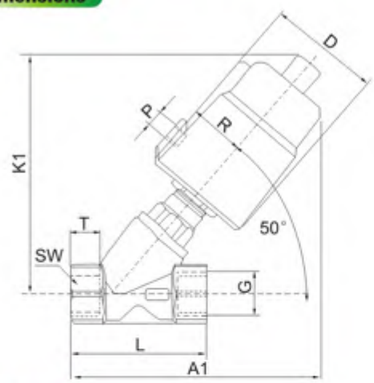
Actoator Size
40:40mm
50:50mm
63:63mm
90:90mm
100:100mm

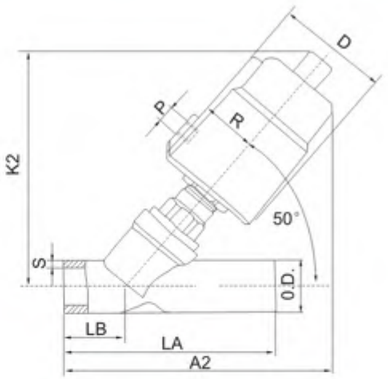
Type
SC:Single Action Normal Close
SO:Single Action Normal Open
DC:Double Action Normal Close
DF:Double Action Free Instanllation

Specification

Model	C10-50SC/SO/DC/DF			Model	C10-50SC/SO/DC/DF
Port size	DN10-DN50			Applicable medium	Water,liquid,neutral gas,water steam slight corrosive gas and liquid
Thread	G3/8"-G2"				
Welded	DIN11850	2 DIN11850	3 ISO2037	Temperature range	PTFE:-10℃ to +180℃
Valve bodv	CF8M			Ambient temperature	-10℃ to +60℃
Actyator	CF8			Viscasity	max. 600mm^2/s
Seat seals	PTFE			Installation	Any position
Stem seals	PTFE/FKM			Controlling medium	Air or neutral gas
Piston seals	FKM/NBR			Controlling pressure range	0.3~1M

Overall Dimensions





Dimension Sheet

Specification	Actuator (mm)	D	R	P	Thread						Welded					
					G	K1(mm)	A1(mm)	L(mm)	T(mm)	SW(mm)	OD(mm)	K2(mm)	A2(mm)	LA(mm)	LB(mm)	S(mm)
DN15	50	60	35	G1/8"	G1/2"	126	133	68	15	26.6	21.3	126	140	110	30	2.65
DN20	50	60	35	G1/8"	G3/4"	131	137	75	16	32	26.9	131	136	108	30	3.45
DN25	50	60	35	G1/8"	G1"	140	149	90	17	39.5	33.7	140	150	112	32	3.85
DN25	63	77	43	G1/8"	G1"	165	174	90	17	39.5	33.7	165	175	112	32	3.85
DN32	63	77	43	G1/8"	G1-1/4"	175	188	116	21	50	38	175	193	136	40	3.35
DN40	63	77	43	G1/8"	G1-1/2"	178	190	116	21	55.3	42	178	193	146	40	3.2
DN50	63	77	43	G1/8"	G2"	184	203	138	22	70	54	184	206	160	45	2.7
DN50	90	98	52	G1/4"	G2"	195	218	138	22	70	54	195	220	160	45	2.7

VICTORY PNEUMATIC
www.victorypneumatic.com

Q22HD Series (Right angle valve)

Ordering Code

Q	22	HD	– □	– □	– □
Right angle valve code	Two way two position	Air control liquid valve	Connection size 15:G1/2" 20:G3/4" 25:G1" 40:G1 1/2" 50:G2"	S:Single acting type D:Double acting type K:Normally open	Material Blank: Normal type H: High temperature type

Features

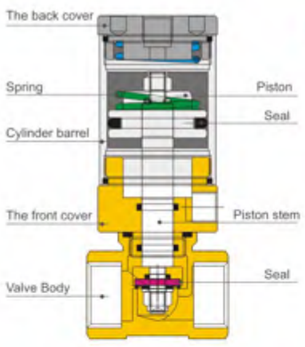
Classical design, durable Air control design, energy saving and environmental protection Big flow rate, safety and Precision

Can work at low pressure, smartness for on and off, good seal performance. There are two kinds of structure single acting type and double acting type.

Application: food, medicine, industry, abstersion, landification, printing, etc.

Remark: Normally open: Flow comes under the piston seal, against arrow on body.

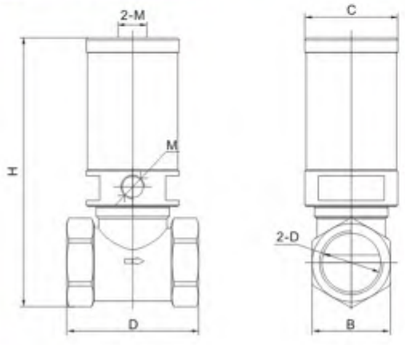
Internal structure



Specification

Model	Orifice	Media	Working pressure	Control pressure	Temp range	Kv value（m^3/k)
Q22HD-15	13mm	Compress Air Water Oil	0~0.8MPa	0.4~0.8MPa	0.5-60℃ 0.5-150℃ (High temp)	4
Q22HD-20	16mm					5
Q22HD-25	22mm					10
Q22HD-40	35mm					25
Q22HD-50	45mm					40

Overall Dimensions



Dimension Sheet

Model	A	B	C
Q22HD-15	46	26	30
Q22HD-20	54	32	37
Q22HD-25	66	34	37
Q22HD-40	80	53	65
Q22HD-50	105	66	78

Model	D	H	M
Q22HD-15	G1/2"	96	G1/8"
Q22HD-20	G3/4"	107	G1/8"
Q22HD-25	G1"	118	G1/8"
Q22HD-40	G1-1/2"	162	G1/8"
Q22HD-50	G1/8"	180	G1/4"

HLP Series Pressure Controller

Descriptions

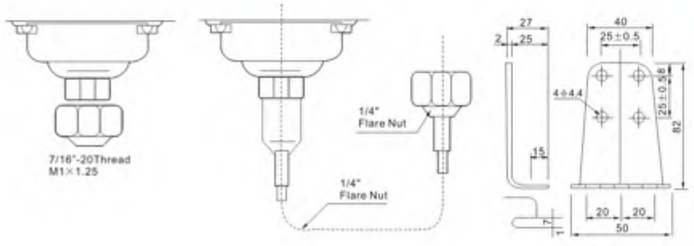
For use with fluorinated refrigerants as well as with a air and water.
(Allowable Fluid Temp.: -10℃~+110℃)
Various contact functions available,
With SPDT contact mechanism,
Renovated micro-switch stucture ensures the reliable switch function,
Manual-controlled and no use of other instruments to have a function test,
Flexible mounting plate suits various kinds of application.
Our products can substitute for congeneric import products, such as JOHNSON、DANFOSS、SAGINOMIYA、3S、RANCO and so on

Specification

Model	Range(bar) Min.	Range(bar) Max.	Differential(bar) Min.	Differential(bar) Max.	Factory Setting(bar) OFF	Factory Setting(bar) ON	Max. Bellows Press(bar)
HLP503	-0.7	3	0.2	1.5	2	1	16.5
HLP506	-0.7	6	0.6	4	3	2	16.5
HLP506M	-0.7	6	Duplicate voltage disparity≤1		3	Manual Reset	16.5
HLP110	1	10	1	3	6	5	16.5
HLP516	5	16	1	4	10	8	35
HLP520	5	24	2	5	16	13	35
HLP530D	5	30	5	10	20	15	35
HLP530	8	30	Fixed3-5		20	15-17	35
HLP530M	8	30	Duplicate voltage disparity≤4		20	Manual Reset	35

Model	Press Side	Range(bar) Min.	Range(bar) Max.	Differential(bar) Min.	Differential(bar) Max.	Factory Setting(bar) OFF	Factory Setting(bar) ON	Max. Bellows Press(bar)
HLP830	Low Side	-0.7	6	0.6	4	3	2	16.5
	High Side	8	30	Fixed 3~5		2	15	35
HLP830HM	Low Side	-0.7	6	0.6	4	3	2	16.5
	High Side	8	30	Duplicate voltage disparity≤4		20	Manual Reset	35
HLP830HLM	Low Side	-0.7	6	Duplicate voltage disparity≤4		3	Manual Reset	16.5
	High Side	8	30	Duplicate voltage disparity≤4		20	Manual Reset	35

Way of Connection



Slight Moring Swith's Date

Specified Voltage(V) / Specified Electric Current(A)	A.C. 125	A.C. 125
Non-Inductive Current	48	12
Maximum Load	48	12
Twinking Electric Current	288	72