SOLENOID VALVES



■ Introduction

NSV1.6W solenoid valve is a two-position two normally closed solenoid valve, which has the characteristics of small volume, short valve opening time and good reliability. Widely used in small refrigeration devices, such as air conditioners, dehumidifiers, ice machines, etc.

■ Technical Parameters

- Ambient temperature: -20~+55°C
- Medium temperature: -25~+100°C
- Valve port through: Φ1.6
- Maximum working pressure: 3MPa
- Open valve pressure difference: 0~2.1MPa
- Coil voltage: AC 24V 36V 110V 220V 380V
  DC 12V 24V
- Coil power: 16VA
- Coil insulation: F
- Applicable medium: Does not attack copper alloy fluids and gases and oils with a viscosity less than 2 degrees Enshi



■ Introduction

The WSV series solenoid valve is a pilot-operated 2-position 2-way solenoid valve series. The valve body is made of silicon brass and has excellent corrosion resistance to ensure long-term service life. The diaphragm is made of EPDM to ensure excellent sealing performance. The high-power solenoid valve coil ensures the best performance even under severe conditions.

■ Technical Parameters

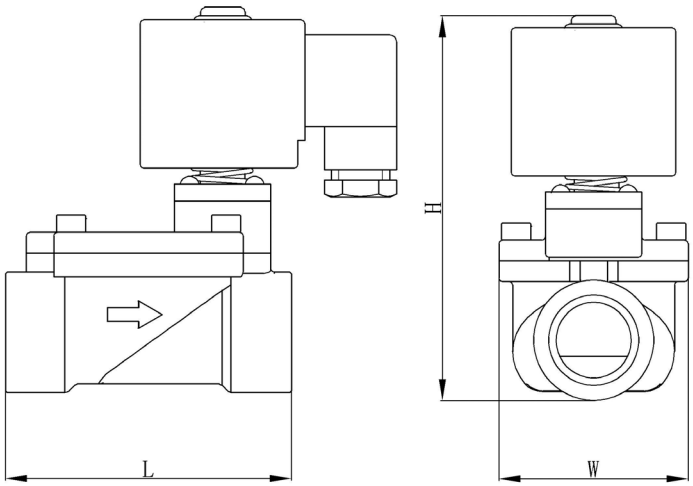
- Ambient temperature: -20~+55°C
- Medium temperature: -25~+140°C
- Highest pressure: 2.1MPa
- Test pressure: 2.5MPa
- Coil voltage: AC 24V 36V 110V 220V 380V
  DC 12V 24V
- Rated power: 16VA
- Coil insulation: F
- Suitable for water and fluids that do not attack copper alloys and rubber

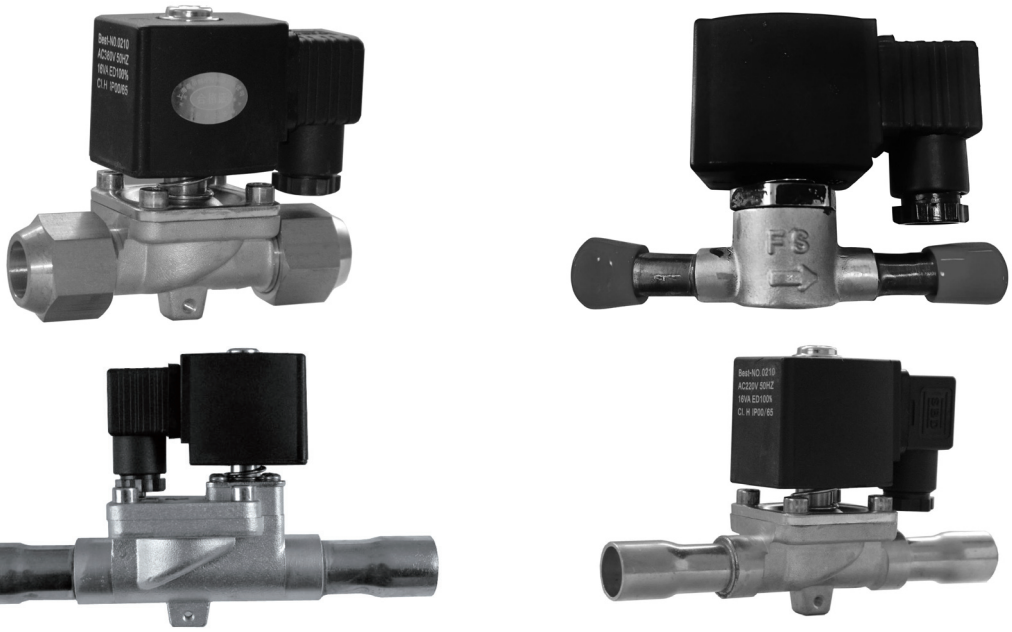
■ Model parameter

Model	Connection method	Connection size	Kv value m^3/h	Open valve pressure difference MPa			Connection size mm		
				Minimum	maximum		L	W	H
					AC voltage	DC voltage			
WSV–1/2G	Internal thread	1/2G	4	0.03	1.6	1.6	70	45	105
WSV–3/4G		3/4G	8				85	55	115
WSV–1G		1G	11				100	65	125
WSV–1¼G		1 ¼ G	18				115	80	135
WSV–1½G		1 ½ G	24				140	100	150
WSV–2G		2G	40				160	120	170

The Kv value indicates the flow coefficient of the medium passing through the valve with a pressure difference of 0.1 MPa and a density of 1000 kg/m3.

■ Dimensions





■ Introduction

Solenoid valve is an automatic valve that controls the direction of fluid flow using electromagnetic principles. It is considered an actuator. The electromagnetic valve works by utilizing the electromagnetic force generated by the electromagnetic coil to move the valve core, thus opening or closing the gas source, which changes the direction of fluid flow. There are many types of solenoid valves. Based on their working principle and structural characteristics, they can be divided into direct-acting electromagnetic valves and pilot-operated electromagnetic valves. A pilot-operated valve is actuated by the pilot pressure output from the pilot valve, which moves the valve core. In contrast, a direct-acting electromagnetic valve uses solenoid force directly to move the valve core.

Pilot-operated electromagnetic valves are suitable for applications involving larger diameters and higher medium pressures. These valves are widely used, not only in hydraulic or pneumatic systems but also in various industrial control systems, where they adjust the direction, flow rate, speed, and other parameters of the medium, ensuring precise control and efficient operation of the system.

■ Features

- Provides a variety of electromagnetic valve models for different applications in refrigeration and air conditioning systems.
- Offers both normally closed (NC) and normally open (NO) types of electromagnetic valves in various models.
- Provides the option of AC and DC electromagnetic coils.
- Sealed electromagnetic coils are designed for long-term use in harsh environments.

■ Technical Parameters

- Ambient temperature: -30~+65°C
- Medium temperature: -25~+100°C
- Maximum working pressure: 3.0MPa 410A system 4.2MPa
- Test pressure: 3.5MPa 410A system 4.2MPa
- Coil voltage: AC 24V 36V 110V 220V 380V
  DC 12V 24V
- Coil power: 16VA
- Coil insulation: F
- Applicable medium: CFC、HCFC、HFC Refrigeration. Does not attack copper alloy fluids and gases and oils with a viscosity less than 2 degrees Enshi
- Protection degree: IP55、IP65

■ Type & data

Connection form	Model			Connection dimension		Kv value (m^3/h)	Opening diff. pressure（MPa）			Dimensions（mm）		
				（mm）	（in.）		Min.	Max		Length	Width	Height
	Regular	Normal Open	R410A					A.C.	D.C			
Flare SAE	SV6	SV6K	SV6-L	8	5/16	0.6	0.005	2.1	1.7	85	45	97
	SV8	SV8K	SV8-L	10	3/8	1				85	45	97
	SV10C	SV10CK	SV10C-L	12	1/2	1.8				115	45	97
	SV10A	SV10A	SV10A-L	12	1/2	1.8				85	45	97
	SV13A	SV13AK	SV13A-L	16	5/8	3				89	45	97
	SV16	SV16K	SV16-L	19	3/4	5				118	60	120
	SV19	SV19K	SV19-L	22	7/8	6				118	60	120
Solder ODF	SV6W	SV6WK	SV6W-L	8	5/16	0.6				126	45	97
				10	3/8					126	45	97
				12	1/2					126	45	97
	SV8W-SY	SV8W-SYK	SV8WL-SY	10	3/8	0.8				113	38	81
	SV8W	SV8WK	SV8W-L	10	3/8	1				126	45	97
				12	1/2					126	45	97
	SV10W-SY	SV10W-SYK	SV10WL-SY	12.7	1/2	1.8				113	38	81
	SV10AW	SV10AWK	SV10AW-L	12	1/2	1.8				126	45	97
				16	5/8					126	45	97
	SV13AW	SV13AWK	SV13AW-L	16	5/8	3				150	45	97
				19	3/4					150	45	97
				22	7/8					150	60	120
	SV16W-R1	SV16WK	SV16WL-R1	19	3/4	5				185	52	109
	SV19W-R1	SV19WK	SV19WL-R1	22	7/8	6				185	52	109
	SV25W	SV25WK	SV25W-L	28	1-1/8	10	0.03			240	72	120
				32	1-1/4					240	72	120
				35	1-3/8					260	86	130
	SV32W	SV32WK	SV32W-L	35	1-3/8	15				260	86	130
				42	1-5/8					260	86	130
				48	1-7/8					260	86	130
				54	2-1/8					260	86	130
	SV40W	SV40WK		54	2-1/8	25	0.07			260	86	130

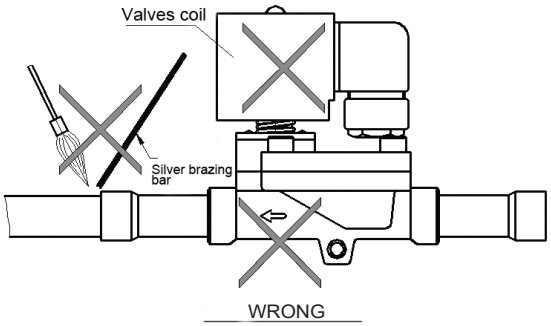
The Kv value is the water flow in m3/h at a pressure drop across valve of 0.1MPa,ρ=1000 kg/m3

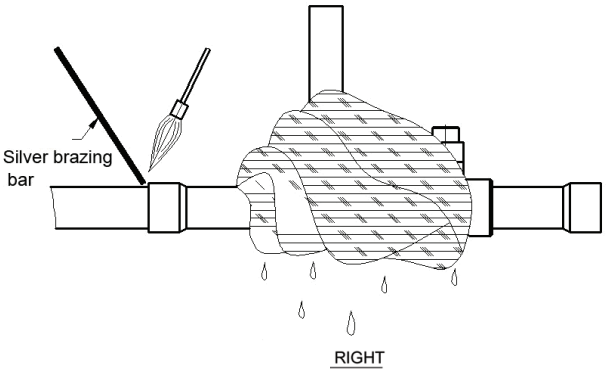
Letters after the model: “A” means improved type, “W” means solder ODF, “K” means normally open, “G”means Flare SAE .

Explanation	Valve code	Port size	Connection form		Normal opened code	Connection Size	Rated power
Model	SV	16	W	L	K	3/4	AC220V
Explanation	SV: Solenoid valves NSV: With pistons SSV: Bi-flow	Port size (mm)	Omit for flare SAE W: ODF G: Internal Thread	410A	Omit for normal closed valve K: Normally open valve	Connection Size omit for standard connection size	Rated power
Notes	The model SV16WLK-3/4-AC220V is an example in the table. The ordering in the table is not suitable for SV1.6, SV2, SV3 series and type NSV6A						

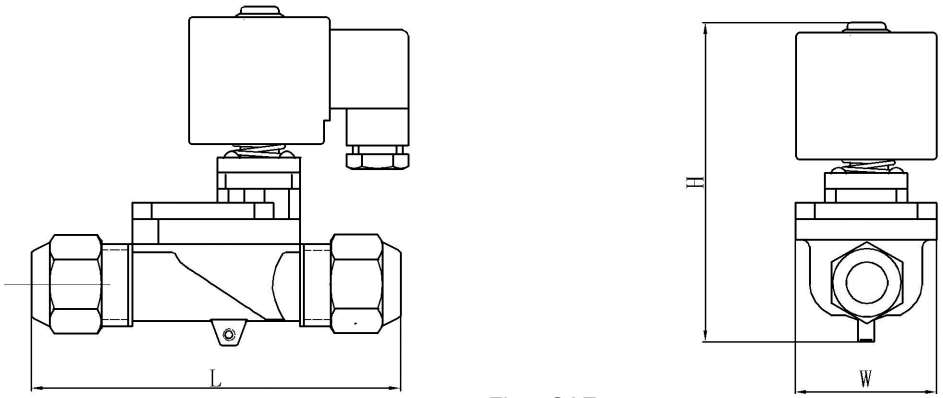
■ Installation

- The valve must be installed in horizontal pipe line under vertical position. The flow direction must be in arrow direction.
- The coil input voltage must meet the rated input voltage shown on the label. It is forbidden to take away coils from the valve when the coil is energized.
- A strainer should be installed before the soleniod valve to prevent the valve port from blockage.
- When brazing the valve with connect tube in system, follow points are very important:
- Before brazing, coil must be taken away and cover the valve body with wet rags to avoid damage because of high temperature when brazing.
- The brazing flame must be avoid face to valve body.
- It is better to use low temperature type silver brazing bar to braze.
- Coil must be set to the valve body before the coil is energized.

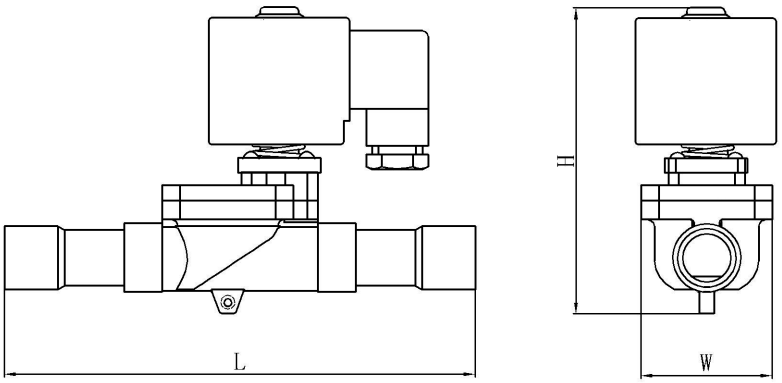




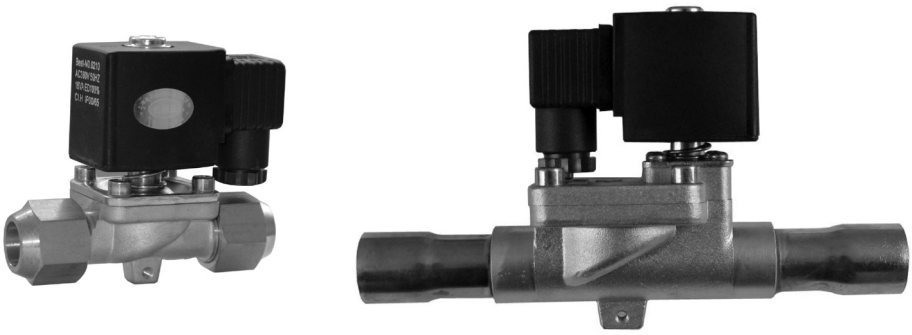
■ Dimensions



Flare SAE



Solder ODF



■ Introduction

The SSV series two-way solenoid valve is a two-position two normally closed solenoid valve. It is composed of an electromagnetic coil, valve body, seals, and springs. Unlike a one-way electromagnetic valve, it has two electromagnets. The push-pull action of these magnets controls the flow in both forward and reverse directions. This makes it suitable for controlling the flow of liquids and gases in both directions. Bi-directional electromagnetic valves are typically used in applications where the flow of liquids and gases needs to be controlled in both directions, such as in cooling systems, compression systems, oil spraying systems, and similar applications.

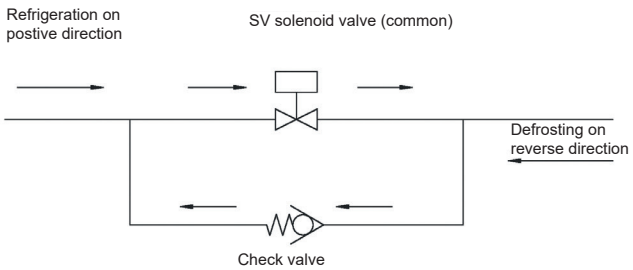
■ Features

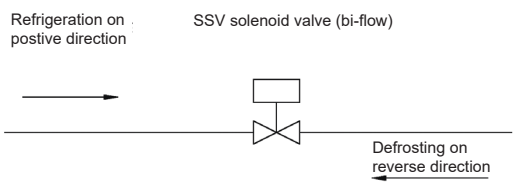
- Solenoid valves for various applications in refrigeration, freezing and air conditioning devices are available
- Provide normally closed (NC) type and normally open (NO) type of various types of solenoid valve
- AC and DC solenoid options are available
- Sealed solenoid can be used in harsh environments for a long time

■ Technical Parameters

- Ambient temperature: -20~+65°C
- Medium temperature: -25~+100°C
- Maximum working pressure: 3.0MPa 410A system 4.2MPa
- Test pressure : 3.5MPa 410A system 4.2MPa
- Coil voltage: AC 24V 36V 110V 220V 380V
  DC 12V 24V
- Coil power: 16VA
- Coil insulation: F
- Applicable medium: CFC、HCFC、HFC,Does not attack copper alloy fluids and gases and oils with a viscosity less than 2 degrees Enshi
- Protection degree: IP65

■ Functions





Instruction: The main orifice can be totally closed and there will be no leakage when de-energized in the coil if the liquid or gas flows in the positive direction, there will be small leakage when de-energized in the coil if the liquid or gas flows in the reverse direction.

■ Type & data

Connection form	Model	Connection dimension		Kv value (m^3/h)	Opening diff. pressure (MPa)			Dimensions (mm)		
		(mm)	(in.)		Min.	Max.		Length	Width	Height
						A.C.	D.C.			
Flare SAE	SSV6	8	5/16	0.6	0.01	2.1	1.7	85	45	97
	SSV8	10	3/8	1				85	45	97
	SSV10A	12	1/2	1.8				85	45	97
	SSV13A	16	5/8	3				89	45	97
	SSV16	19	3/4	5				118	60	120
	SSV19	22	7/8	6				118	60	120
Solder ODF	SSV6W	8	5/16	0.6				126	45	97
		10	3/8					126	45	97
		12	1/2					126	45	97
	SSV8W	10	3/8	1				126	45	97
		12	1/2					126	45	97
	SSV10AW	12	1/2	1.8				126	45	97
		16	5/8					126	45	97
	SSV13AW	16	5/8	3				150	45	97
		19	3/4					150	45	97
		22	7/8					150	60	120
	SSV16W	19	3/4	5				190	60	120
		22	7/8					190	60	120
	SSV19W	22	7/8	6				190	60	120
		25	1					215	60	120
		28	1-1/8					240	72	120
	SSV25W	28	1-1/8	10	0.03			240	72	120
		32	1-1/4					240	72	120
		35	1-3/8					260	86	130
	SSV32W	35	1-3/8	15				260	86	130
		42	1-5/8					260	86	130
		48	1-7/8					260	86	130
		54	2-1/8					260	86	130

The Kv value is the water flow in m3/h at a pressure drop across valve of 0.1MPa,ρ=1000 kg/m3
Letters after the model: “A” means improved type, “W” means solder ODF。

■ Installation

1）The solenoid valve must be installed vertically on a horizontal pipeline, and the direction indicated by the arrow on the valve body must match the flow direction of the medium.

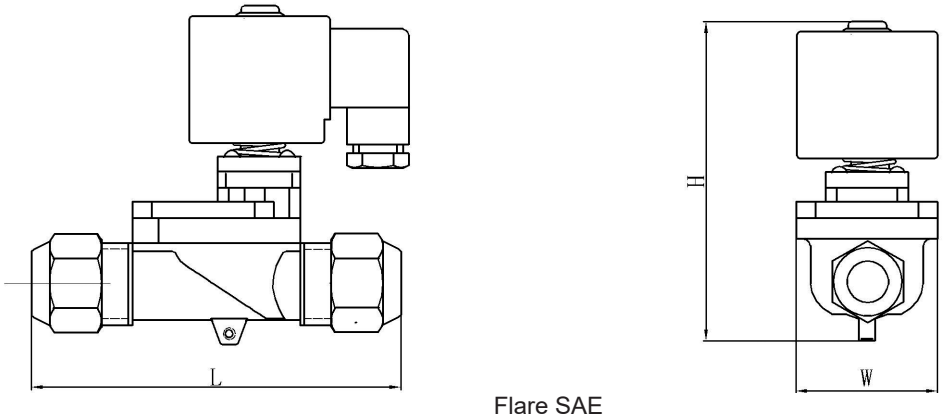
2）The input voltage of the solenoid coil must be consistent with the voltage indicated on the coil. Never remove the solenoid coil from the valve while it is energized.

3）A filter should be installed at the inlet of the solenoid valve to prevent impurities from entering the valve, which may cause blockage and affect its normal operation.

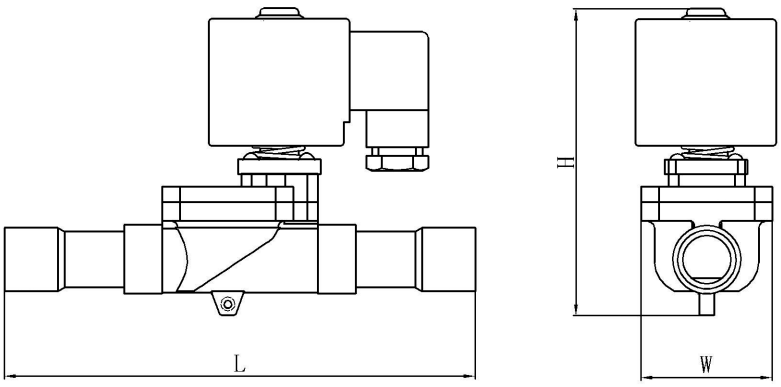
4）For welded-pipe type solenoid valves, pay attention to the following when connecting to the system pipeline:

- Remove the solenoid coil before installation.Wrap the valve body with a damp cloth to reduce temperature and prevent internal parts from being damaged by welding heat.
- Use low-temperature welding rods when welding the valve body to the pipeline, and do not point the welding torch directly at the valve body.
- After welding the valve body to the pipeline, reinstall the solenoid coil onto the valve body before powering the valve.

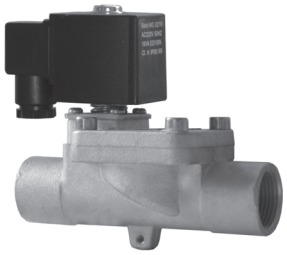
■ Dimensions



Flare SAE



Solder ODF


■ Introduction

SV-G series solenoid valves can be used as actor of automatic system in water supply system, fire control system, and water spray system in dirty proofing or agricultural. They also can be used for pneumatic hydraulic and food machine. Solenoid valves use full-closed magnetic coil and DIN international standard electric plug, so it is characterized by its good insulation, waterproof, moisture proof, anti-vibration and corrosion resistance.

■ Technical Parameters

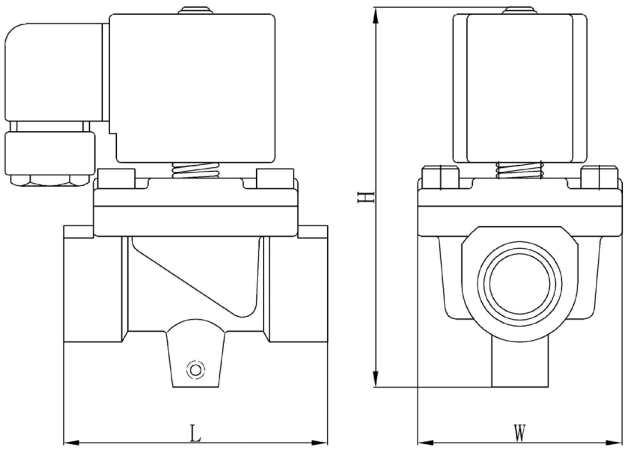
- Ambient temperature: -20~+65°C
- Medium temperature: -25~+140°C
- Maximum working pressure: 2.1MPa
- Test pressure: 2.5MPa
- Coil voltage: AC 24V 36V 110V 220V 380V
  DC 12V 24V
- Rated power: 16VA
- Coil insulation: F
- Suitable for medium water and fluids that do not attack copper alloys

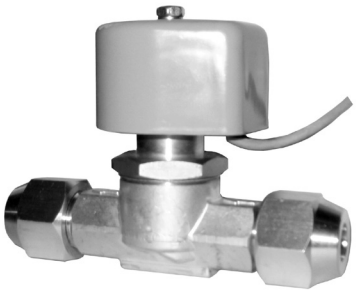
■ Type & data

Model	Connection form	Connection dimension (mm)	Kv value (m^3/h)	Opening diff. pressure (MPa)			Dimensions (mm)		
				Min.	Max.		Length	Width	Height
					A.C.	D.C.			
SV1/4G	Internal thread	1/4G	1	0.005	2.1	1.7	71	45	105
SV3/8G		3/8G	1.8				71	45	105
SV1/2G		1/2G	3				68	45	105
SV3/4G		3/4G	5				119	45	105

The Kv value is the water flow in m3/h at a pressure drop across valve of 0.1MPa,ρ=1000 kg/m3
Letters after the model: “G” means internal thread,

■ Dimensions





■ Introduction

NSV6A series solenoid valves can operate under no pressure difference, which can be used for non-corrosive refrigerant in refrigeration system. NSV6A series solenoid valves can be installed horizontally and vertically.The inlet of the valve is equipped with a filter screen to protect the solenoid valve from impurities entering and blocking.

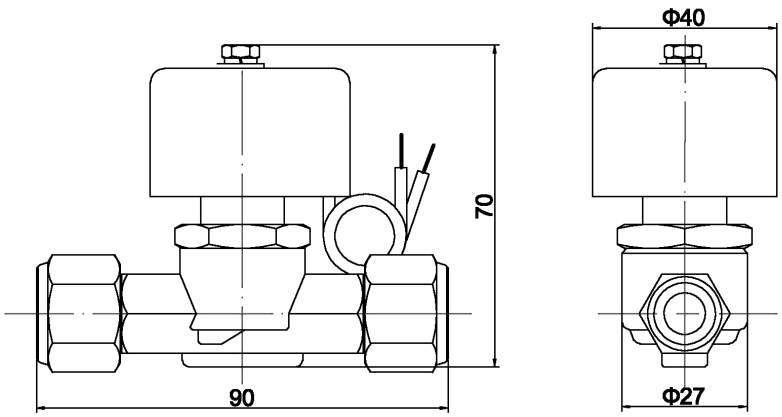
■ Technical Parameters

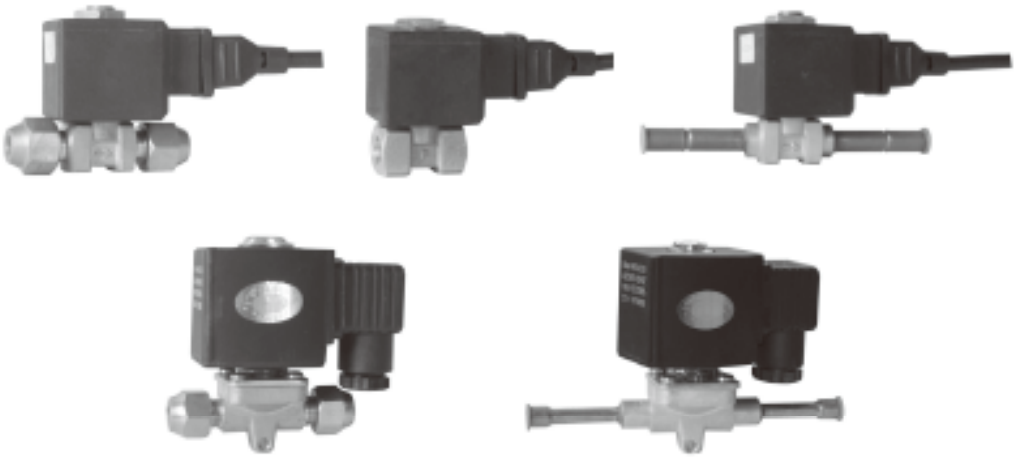
- Ambient temperature: -20~+55°C
- Medium temperature: -25~+100°C
- Maximum working pressure: 3.0MPa
- Test pressure: 3.5MPa
- Coil voltage: AC 110V 220V
- Coil power: 7W
- Coil insulation: F
- Applicable medium: Does not attack copper alloy fluids and gases and oils with a viscosity less than 2 degrees Enshi

■ Type & data

Model	Connection form	Connection dimension		Kvvalue (m^3/h)	Opening diff. pressure（MPa）		
		in.	mm		Min.	Max.	
						A.C.	D.C.
NSV6A	SAE	3/8		0.69	0	3	2.1
NSV6AW	ODF	3/8		0.69			
NSV8W			10	0.8	0.05		
NSV10W			12	1.8			
NSV16W			19	5			
NSV19W			22	6			

■ Dimensions





■ Introduction

SV direct-acting solenoid valve is a normally closed, two-position, two-way direct-acting . It remains in the closed position when de-energized and switches when energized, with the electromagnetic force directly driving the valve core to change the airflow direction. It is suitable for operation under zero pressure difference or vacuum conditions. The direct-acting solenoid valve opens and closes by energizing and de-energizing the solenoid coil, which directly attracts and releases the core to control the valve. The leakage at the valve port is minimal in this type of structure. The valve responds quickly and operates reliably. Direct-acting solenoid valves are widely used in various industrial control systems to regulate the direction, flow, speed, and other parameters of the medium, ensuring precise control and efficient operation of the system.
The product has been awarded the National Industrial Product Manufacturing License.

■ Technical Parameters

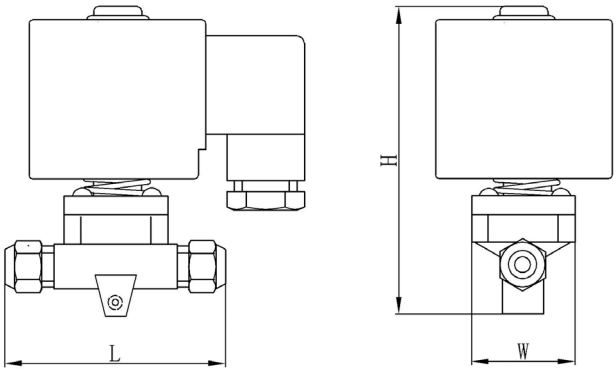
- Ambient temperature: -20~+65°C
- Maximum working pressure: 3.0MPa （410A , 4.2MPa）
- Coil voltage: AC 24V 36V 110V 220V 380V DC 12V 24V
- Coil power: 16VA
- Medium temperature: -25~+100°C
- Test pressure : 3.5MPa （410A , 4.5MPa）
- Coil insulatio: F
- Applicable medium: CFC、HCFC、HFC Rifrigeration. Does not attack copper alloy fluids and gases and oils with a viscosity less than 2 degrees Enshi

■ Type & data

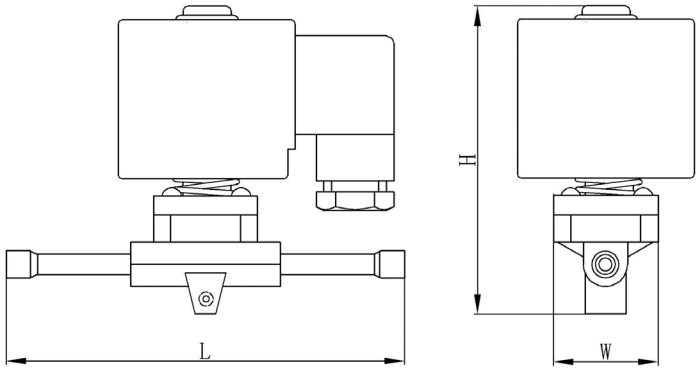
Model	Connection method	Connection size		Kv value (m^3/h)	Open valve pressure difference (MPa)			Dimensions		
		in.	mm		Min.	Max.		Length	Width	Height
						A.C.	D.C.			
NSV1.6A	Flare SAE	1/4	6	0.15	0	3	2.6	48	33	55
SV2				0.16				70	30	75
SV3				0.23		2.1	1.7			
NSV1.6W	Solder ODF	1/4	6	0.15		3	2.6	80	33	55
SV2W				0.16				117	30	75
SV3W		1/4	6	0.23		2.1	1.7			
SV1.6A	Internal thread	3/8		0.15		3	2.6	30	33	55
SV1.6B		1/8NPT								

Kv value is the flow of water in m3/h at a pressure drop across valve of 0.1 MPa, ρ = 1000 kg/m3.

■ Dimensions



Flare SAE



Solder ODF





■ Introduction

SV-XZ series is a normally closed two-position, two-way unloading electromagnetic valve used to control the compressor exhaust of refrigeration units. Its function is to separate the discharge pipe from the suction pipe of the refrigeration machine, thus achieving shutdown or reducing the pressure in the refrigeration unit, in order to protect the compressor.

The unloading electromagnetic valve is widely used in air conditioning systems, cold storage, and other refrigeration equipment. It offers the following advantages:

- Energy Saving and Consumption Reduction: By reducing the compressor load while ensuring refrigeration efficiency, it lowers energy consumption and extends the lifespan of the equipment.
- Automatic Control: The unloading electromagnetic valve enables real-time monitoring, judgment, and adjustment of the refrigeration system, reducing manual intervention and improving the safety and stability of the equipment.
- Environmental Protection and Energy Efficiency: Using the unloading electromagnetic valve effectively reduces the temperature and pressure within the refrigeration system, minimizes the emission of pollutants into the air, and helps achieve energy conservation and environmental protection.

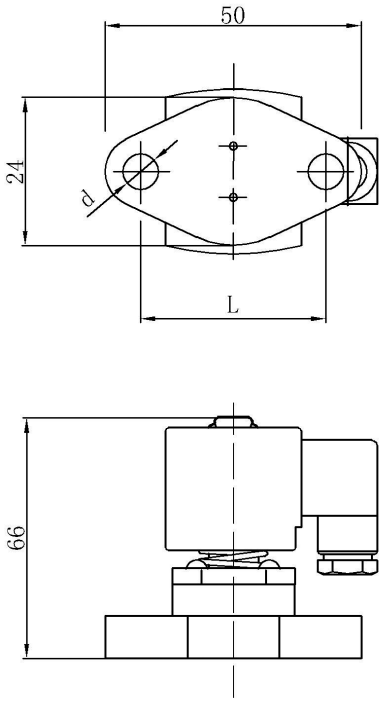
■ Technical Parameters

- Ambient temperature: -20~+65°C
- Max. medium temperature:+105°C
- Max working pressure: 3MPa（410A 4.2MPa）
- Coil voltage: AC 220V
- Coil power: 24VA
- Coil insulation: F
- Applicable medium: CFC、HCFC、HFC .Does not attack copper alloy fluids and gases and oils with a viscosity less than 2 degrees Enshi

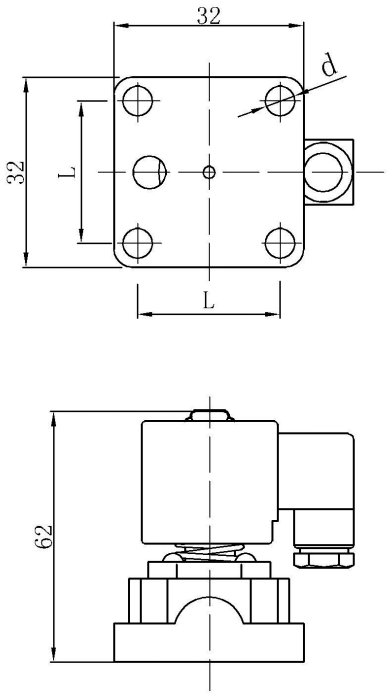
■ Type & data

Model	Connection method	Installation size		Maximum valve opening pressure difference	Maximum working pressure	Medium maximum temperature	Control method
		d	l				
SV2Z2	diamond flange	10.5	65	2.5	3.0	105	Two two are usually closed
SV2Z4		7.2	37				
SV2Z5	square flange	4.3	24				
SV2Z5K		4.3	24				Two two are usually open
NSTV20	diamond flange	10.5	65	2.1	3		Two two are usually closed

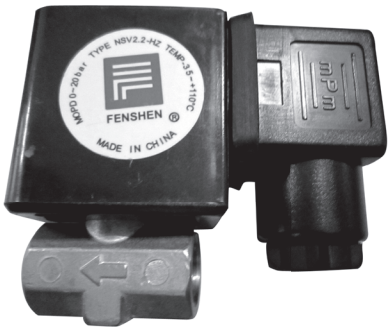
■ Dimensions



SV2XZ2
SV2XZ4
NSTV20



SV2XZ5
SV2XZ5K





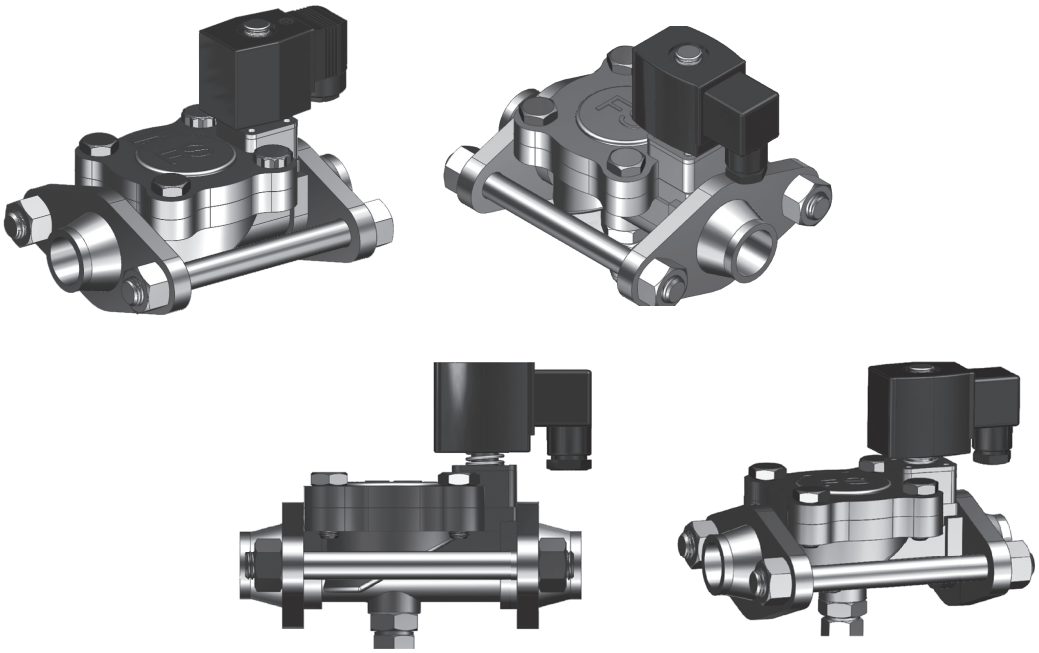
■ Introduction

NSV2.2A direct-acting solenoid valves feature compact structure, rational design, easy installation and maintenance, and act rapidly. This series can be widely used in refrigeration, pneumatic and hydraulic systems.

Solenoid valves use full-closed magnetic coil and DIN international standard electric plug, so it is characterized by its good insulation, waterproof, moisture proof, anti-vibration and corrosion resistance.

■ Technical Parameters

- Ambient temperature: -20~+55°C
- Medium temperature: -25~+100°C
- Maximum working pressure: 3.0MPa
- Test pressure: 3.5MPa
- Open valve pressure difference: minimum 0 MPa Maximum AC 2.1MPa
- Coil voltage: AC 220V 380V
- Coil power: 16VA
- Coil insulation: F
- Connection: Inch Rc1/4" internal thread
- Kv value: 0.09
- Control method: Normally closed type 2-postion two-way
- Applicable medium: Does not attack copper alloy fluids and gases and oils with a viscosity less than 2 degrees Enshi



■ Introduction

ASV series ammonia solenoid valves use full-closed coil, so it is characterized by its moisture proof, anti-vibration and corrosion resistance.

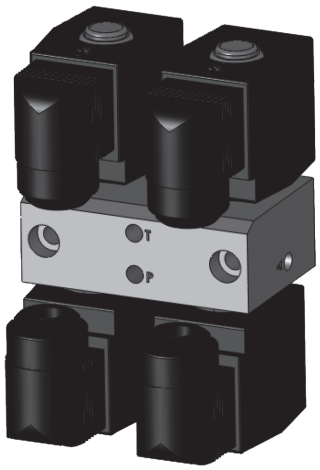
ASV series ammonia solenoid valves can be used as actor of ammonia and Freon refrigeration systems. They also can be used for pneumatic, hydraulic and water supply.

■ Type & data

Model	Max. working pressure（MPa）	Kv Valve（m^3/h）	Opening diff. pressure（MPa）	
			A.C.	D.C.
ASV3	3	0.23	0	2.1
ASV8		1	0.01	
ASV13		3		
ASV16		5		
ASV19		6		
ASV25		10	0.03	
ASV32		15		

Coil voltage：AC：24V、36V、110V、220V、380V
DC：12V、24V

Coil rated power：16VA



■ Introduction

Available range: Solenoid valve can be used in three position four-way combination of fluoride and ammonia screw refrigeration compressor and air compressor energy uninstall control, it can used in hydraulic pipeline.

■ Technical Parameters

- Ambient temperature: -20~+55°C
- Medium temperature: -25~+100°C
- Maximum working pressure: 3.0MPa
- Test pressure: 3.5MPa
- Open valve pressure difference: minimum 0 Mpa Maximum AC 2.1MPa
- Coil voltage: AC 24V 110V 220V 380V
- Coil power: 16VA
- Coil insulation: F
- Control method: Normally closed three-position four-way
- Applicable medium: Does not attack copper alloy fluids and gases and oils with a viscosity less than 2 degrees Enshi

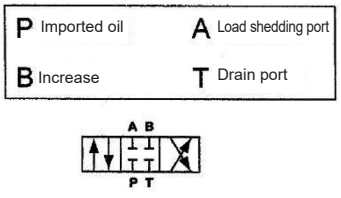
■ Schematic

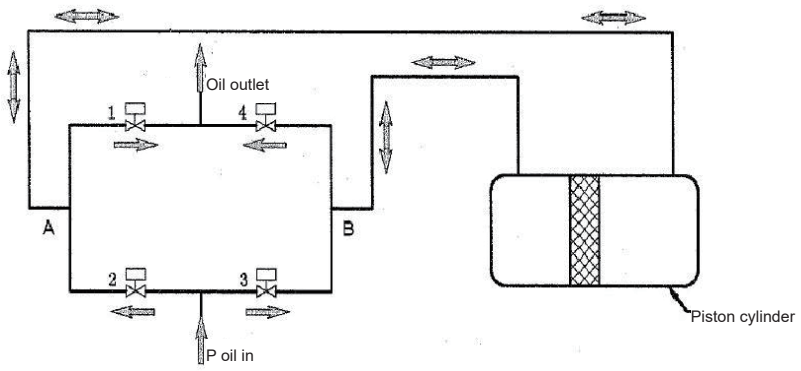
a.When the coil 2, 4 are energized, coil 1, 3 de-energized, PA, BT-pass, the piston moves to the left

b.When the coil 2, 4 are de-energized, coil1, 3 energized PB, AT-pass, piston moves to the right (Increased Pressure)

c.The mitrogen test run after the shutdown, coil 1, 3 are energized, coil 2, 4 are de-energized, PB, AT-pass, the piston back to the right side (compressor minimum load state)

d.When the coil 1, 2, 3, 4, are de-energized, all pipes are closed, keep static Pressure state. (Piston remains in its de-energized position does not moves)









■ Introduction

STV4 unload Solenoid valve is a two position three-way reversing valve is suitable for refrigeration, machinery, textiles chemicals and other industrial sectors, as the different media of liquids gases, etc. in the system is turned on, off or transfer Medium flow direction. It can be widely used for automatic control of cooling, pneumatic, hydraulic system can also be used for some protection circuit. The Solenoid valves used full-closed magnetic coil and DIN international standard electric plug so that The valve has excellent insulation, waterproof, moisture, shock and acid resistance.

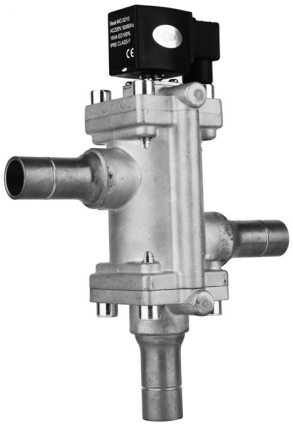
■ Technical Parameters

- Ambient temperature: -20~+55°C
- Medium temperature: -25~+100°C
- Maximum working pressure 3.0MPa
- Test pressure: 3.5MPa
- Pass: 1.5
- Open valve pressure difference: minimum 0 Mpa
  Maximum AC 2.1MPa
- Coil voltage: AC 24V 110V 220V 380V
  DC 12V 24V
- Coil power: 16VA
- Coil insulation: F
- Connection: Flare SAE
- Applicable medium: Does not attack copper alloy fluids and gases and oils with a viscosity less than 2 degrees Enshi

■ Work

STV4 Solenoid valve is a direct-acting Solenoid valve, is combined by the body, full-closed magnetic coil, junction boxes, sleeves group iron core group totally five parts, When it is non-energized, the flow of the Pressure Medium is P1-P2.When the Solenoid valves is energized, the upward movement of the iron core in the electromagnetic force, the valve opens at the connection, so that the flow of the Pressure Medium is converted to P2-P0. then, when the electromagnetic coil is re-energized (non-energized state), the electromagnetic attraction disappears, due to at the end of the Medium Pressure P1 thrust and its own weight iron core, iron core downward movement, swlf-opening valve port closed lower \valve port, so that the flow of Pressure Medium to restore the original state, I. e.P1-P2.





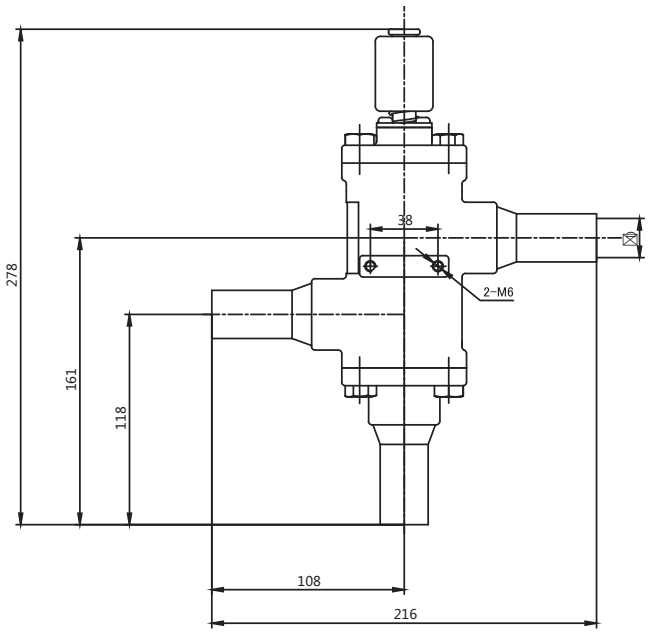
■ Introduction

STV30 three-way solenoid valve mainly applied to the hot gas defrost design for the suction side of evaporator in refrigeration system, Usually used for the cascade refrigerating system.

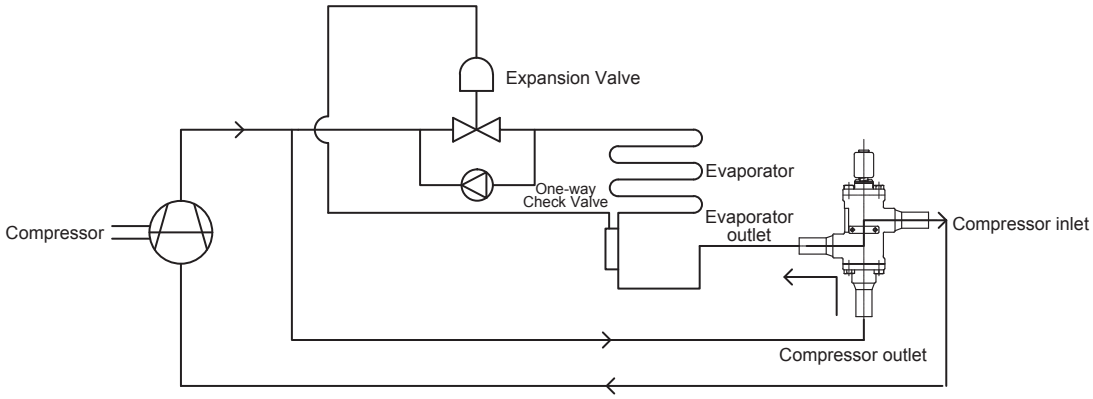
■ Technical Parameters

- Ambient temperature: -20~+55°C
- Medium temperature: -25~+100°C
- Maximum working pressure: 3.0MPa
- Test pressure : 3.5MPa
- Pass: 30
- Open valve pressure difference: minimum 0.29 MPa Maximum AC 2.1MPa
- Coil voltage: AC 110V 220V
- Coil power: 16VA
- Coil insulation: F
- Connection: ODF 22 28 30 35
- Cv value: 25
- Applicable medium: Does not attack copper alloy fluids and gases and oils with a viscosity less than 2 degrees Enshi

■ Dimensions



■ Application



While energized in coil, The outlet of compressor pass to outlet of evaporator;
While de-energized in coil, The outlet of evaporator pass to suction inlet of compressor.