

Notes for safe

This product is designed and manufactured as a part of ordinary industrial machinery.

- In the selection of equipment or the use of any product, the system designers or experienced people, please be sure to carefully read the safe use precautions ", " sample ", " use instructions " after the operation, misoperation will bring danger.
- The dangers, warnings and precautions published in this "Safe Use Notes" do not include all occasions. Please carefully read the samples, use instructions, and always put safety in the first place.
- Do not use in the explosive, corrosive gas, saline, chemical substances, water and water vapor environment.
- Do not use on the work table with direct vibration impact.
- Pay attention to low-temperature frost protection.
- When the solenoid valve is located around the heat source, please partition the heat radiation.
- When a solenoid valve is exposed to a splash, please provide a protective cover or other correct protection method.
- Please use pure air, containing chemicals, water, and corrosive gases that can cause work failures and accidents.
- Install a filter with an accuracy bit of 5 μ m or more precision.
- Install an air dryer to reduce the temperature and water in the air.
- Install a sediment filter that can effectively prevent sediment from entering the device.
- The valve shall not be used for large flow rate blowing. Because of its internal conduction, the flow will cause internal pressure reduction, which can lead to failure.
- When the air source pressure is low, please use the air inlet.
- Manual button with a lock, be sure to unlock in the usual action, restore the manual button, and confirm that the main valve is in the necessary position before running, otherwise it will cause misoperation.
- When double solenoid, do not energize the two coils at the same time, which may not guarantee the correct position of the valve, and let the machine move in an unknown direction, causing device damage and personnel injury.
- Do not use characteristics other than the fluid specified in the parameter table. If you use fluids other than the fluid specified in the parameter table, it will lead to abnormal function, reduced performance, reduced life, and safety accidents.
- Detection before maintenance, first check whether the load drop protection has been provided, turn off the gas source and power supply of the system, and discharge the residual air in the system.
- After maintenance inspection, When restart the system, check that the protection of the actuator has been taken, and then connect to the pneumatic system for safe operation.
- Working at low frequency, to prevent operation failure, please perform the switching action of solenoid valve every 30 days. To keep the air quality to standard, drain the air filter.
- More than 48 hours do not move or in the first action after maintenance, the sliding part may appear sticky phenomenon, causing the machine action is slow or suddenly accelerated, after confirming that the first test action is normal before use.

Installation

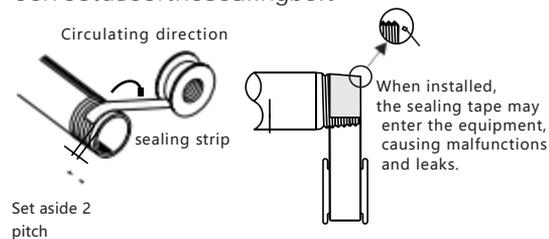
- Pay attention to check the components before use, whether they are damaged during transportation, and comply with the technical requirements. Such as voltage, operation frequency, working pressure, and temperature. Then install it and use it.
- When the solenoid valve should be installed. And use care to prevent fixed parts and joints from loosening. If the solenoid valve is not installed strong enough, it may be detached.
- Before taking over, thoroughly rinse the inside of each pipe to remove chips, coolant, dust, etc.
- Use the sealing belt: leave 1 when wrapping the sealing belt around the total thread score5 to 2 lap thread space.
- Use sealant: when adding sealant to the thread part, add the thread part of about 1 / 3 weeks. (See right diagram)
- When wiring, turn off the compressed air and power first. If the gas source and power supply wiring are not cut off, it may cause electrical shock or misoperation, which will cause personal injury and equipment damage.
- Check whether the insulation is damaged. If the insulation damage occurs on the outgoing cable and end seat, additional current will be caused to flow back to the switch or control unit of the solenoid valve, and then the coil will be burned.
- Pay attention to whether the voltage and frequency meet the technical requirements, do not add the wrong voltage. A wrong voltage will cause a working failure or burn the coil.
- It is recommended to install a muffler or muffler throttle valve at the exhaust port.
- In use, no lubrication is required. However, if performing lubrication, use level 1 turbine oil (ISO VG 32). Do not use ingot oil or sewing machine oil, once used to lubrication, do not stop the oil supply. Otherwise, the initial lubricant will be lost and will fail.



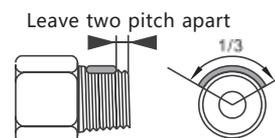
 **warn**

Solenoid valve is designed to allow a certain degree of air leakage, it can not be used for the control of pressure vessels, not suitable for emergency stop valve and other safety purposes, if the use, please consult with the technical department of the company.

Correct use of the sealing belt



Correct sealant coating method



- When twisting the thread of the joint, prevent chips and sealant from entering the pipe and joints, and tighten within the specified range.

Tightening moment during

Connect thread	Suitable fastening moment, N / m
Rc1/8	7~9
Rc1/4	12~14
Rc3/8	22~24
Rc1/2	28~30