

Fast Opening Solenoid Valve

Fast Opening Solenoid Valves - TYPE:LCV-F150

Product details

Gas solenoid valves can be widely used in the field of gas safety transmission control to provide opening and closing or emergency cut-off gas supply.

It can be applied to gaseous media such as natural gas, propane, liquefied petroleum gas, etc.

Flanged Connection



Operation and installation

Two ways, normal closed, quickly open when the power is on; close when the power is off.

Technical parameters

Opening time <2 seconds

Closing time <5 seconds

Maximum working pressure: 800 mbar (3000 mbar or can be customized)

Natural gas flow: pressure difference 10 mbar 1340 m³ / h; 100 mbar 4300 m³ / h

Protection level: IP54

Sealing material: EN549 nitrile rubber

Body material: aluminum alloy T6 for valve;

AISI 302 steel spring

Ambient temperature: -15 ° C - 60 ° C

Coil temperature: 65 ° C

Standards and certification

Achieving "A" standard

Meet EN161:2002 standard

Meet UK and European gas standards

CE certification

Electrical specification

Rated voltage: 50/60Hz, 230Vac (and other specific)

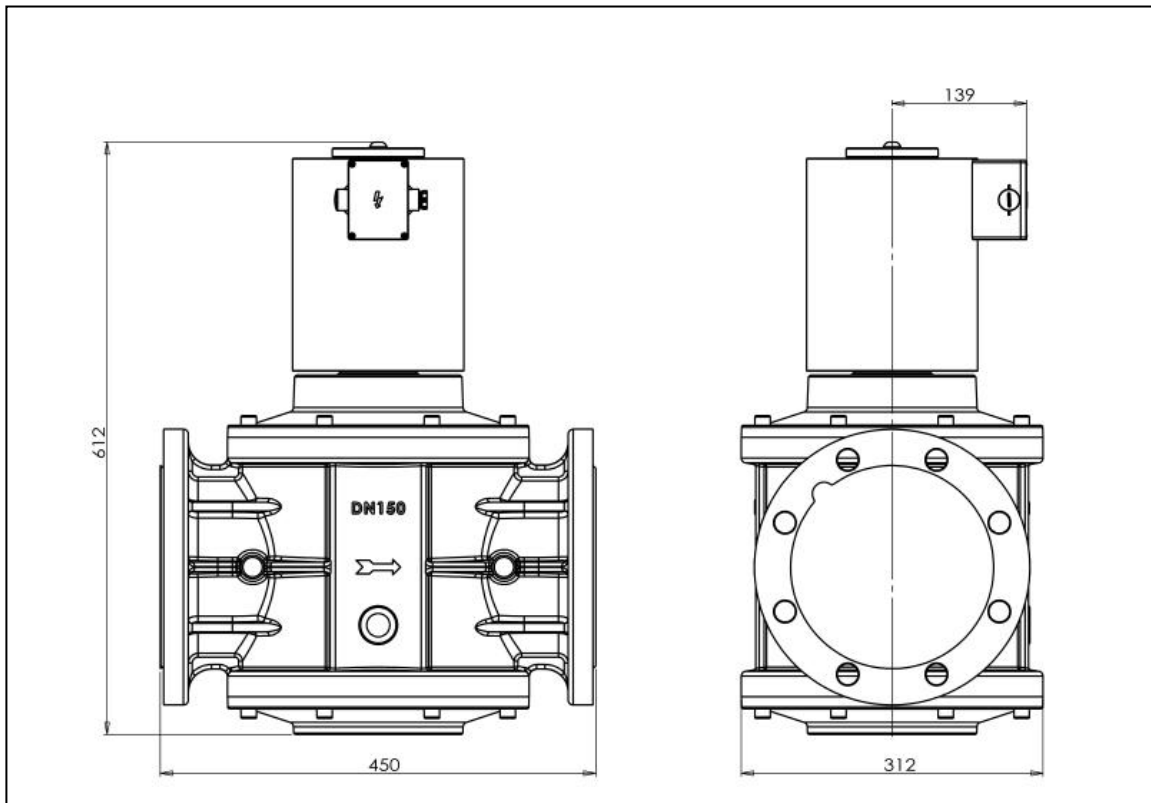
Starting power is 345W, working power is 80W

Coil grade F, can be 360° rotation, can work 100% continuously for a long time.

Fast Opening Solenoid Valve

Fast Opening Solenoid Valves - TYPE:LCV-F150

Installation dimension drawing



Model	Length L(mm)	Width W(mm)	Height H(mm)	Coil radius of gyration S(mm)	Flange size(mm)			
					D	K	L1	N
LCV-F150	450	312	612	139	285	240	20	8

Fast Opening Solenoid Valve

Fast Opening Solenoid Valves - TYPE:LCV-F150

Installation and Use Precautions

1. It is advisable to select a horizontal pipe section with less vibration when installing. Types with the diameter under DN50 (including DN50) allow maximum installation tilt angle of 90°; types with the diameter over DN65 only allow horizontal installation.
2. The parameters on the solenoid valve label should be consistent with the actual use requirements.
3. The arrow on the solenoid valve body should be consistent with the flow direction of the medium.
4. In order to ensure the normal use of the solenoid valve, please install a special gas filter in front of the valve.
5. The valve itself does not have explosion-proof performance.
6. Thoroughly purge the pipe before installation to prevent the foreign body from damaging the diaphragm and causing the solenoid valve to malfunction.
7. If it is installed outdoors and in harsh environments, it should be correspondingly effective protection.
8. When the solenoid valve fails, it is recommended to install a bypass device for timely isolation and easy maintenance.
9. If the valve fails to open and close during using, check whether the coil is powered off; whether the power supply and medium pressure are normal.
10. When the solenoid valve is not installed temporarily, it can be stored in indoor under 0-40°C relative humidity of 80% or less. It is not allowed to be stored in the open air.