

Connection requirements

1. Power line Three-color power

line and vellow-green earthing line

Temperature control line 110°C

thermistor two-piece fine wires

3. Tool changing/dust removal

4. Air seal pressure 0.2MPa

5. Tool discharge and air feed

6. Cooling water feed Pump lift

12m (avoid wrong connection)

7. Proximity switch: for tool

NPN (normally open) N. O.

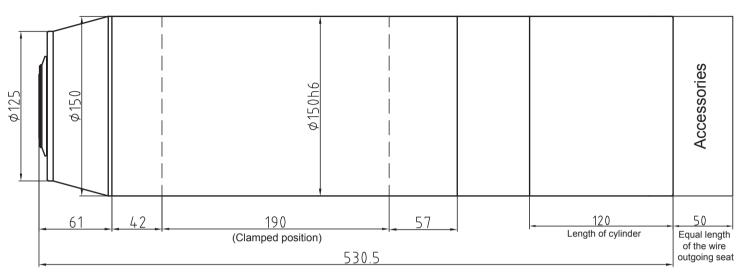
8. Handle of the lifting sling

discharge and hanging

2. Cooling effluent

pressure 0.4MPa

pressure 0.70MPa



Connection description

1. Three-color power line connected with \dot{U} , V and W phases of frequency converter, and the yellow-green wire connected with the earth wire

Temperature control line connected with the temperature control protector

- 2. Rapid inserted connecting pipe for the cooling effluent is 8/6 hoses
- 3. Rapid inserted connecting pipe for the cooling effluent is 6/4 hoses
- 4. Rapid inserted connecting pipe for the air seal is 6/4 hoses
- 5. Rapid inserted connecting pipe for the tool discharge and air feed is 6/4 hoses
- 6. Rapid inserted connecting pipe for the cooling influent is 8/6 hoses
- 7. Brown wire of the proximity switch connected with +24VDC Blue wire connected with 0VDC

One terminal of the signal load connected with +24VDC/the other terminal connected with the black wire $\,$

8. Installation and use of the handle of the lifting sling

PTC three-core								
thermistor parameter								
DC power supply	Maximum DC25V/100mA							
-20~25℃	≤300Ω							
≪90°C	≤750Ω ≤1650Ω							
105℃								
110°C	Rated operating temperature							
115℃	≥3990 º							
≥125℃	≥12K 2							
≤160℃	Maximum storage temperature							

Model GDL 150-40-12/12
Voltage 380 V
Power 12 kw
Current 25 A
Frequency 400 Hz
Rotating speed 12000 rpm
Pole number 4P
Phase number 3

Bearing 2×SM6011C P4 Steel ball 2×7008C P4 Steel ball The dedicated grease for the imported high-speed bearing Rotating direction Rotate anticlockwise from the shaft extension end

Tool holder BT 40 without (Parfaite is recommended)
Blind rivet BT40-45° (Parfaite is recommended)

Weight 50 KG

Special warning:

- 1. Improper clamped position of electric main shaft will easily result in the damage of the bearing!
- 2. The main shaft shall entirely stop before the tool changing. The manual tool changing button shall not act during the rotation of the main shaft; otherwise it will easily result in the seizure of the shaft!
- 3. The compressed air shall be clean and dry. And the filter accuracy is 0.1um! The air seal is normally open. It is recommended to use the two-level filtration, with the filtration accuracy of 0.5um/0.1um respectively. The compressed air filter shall be installed with the self-discharge device.

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