69   130   25.5

Installation position of electric main shaft

$\phi100h6$

Accessories

28   203.5   110

393   41.5

1: Power line   Three-color lines connected with U, V and W phases/ yellow and green wires grounded
Temperature control   line 110°C thermistor two-phase connected with the temperature-control protector
2：Cooling water yielding   (2 and 6 ends terminated with 8/6 hoses)
3:Pole change and dust removal pressure   0.2-0.3 Mpa (6/4 hoses)
4: Air seal pressure   0.3-0.4 Mpa (6/4 hoses)
5:Tool discharge and air feed pressure   0.65 MPa (6/4 hoses)
6: Cooling influent   Pump lift 10m (avoid wrong connection)
7: Quantity of proximity switches   Pole hanging and pole discharge NPN (normally open) N.O.
Wiring method of the proximity switch   Brown wire connected with +24VDC blue wire connected with 0VDC
Signal load end connected with +24VDC/the other end connected with the black wire
8: Handle of the lifting sling   Installation and use

Model	GDL 100-25-24Z/2.5
Voltage	220 V
Power	2.5 kw
Current	9.2 A
Frequency	400 Hz
Rotating speed	24000 rpm
Pole number	2P
Phase number	3-phase asynchronous drive
Rotating direction	Rotate anticlockwise from the shaft extension end
Tool holder	IS025 (Parfaite is recommended)
Blind rivet	IS025-15° (Parfaite is recommended)
Weight	18 KG

PTC single-core thermistor parameter	
DC power supply	Maximum DC25V/100mA
-20~25℃	≤300Ω
≤90℃	≤750Ω
105℃	≤1650Ω
110℃	Rated operating temperature
115℃	≥3990Ω
≥125℃	≥12KΩ
≤160℃	Maximum storage temperature

Special warning:
1. The electric main shaft shall be installed at the clamped position; otherwise the bearing will be easily damaged!
2. The main shaft shall entirely stop before the tool changing. The manual tool changing button shall not act during the rotation of the 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 shall be 0.1micron! Air seal is normally open. It is recommended to use the two-level filter, and the filter accuracy is 0.5 micron/ 0.1 micron respectively. The air filter is installed with the self-discharge device.

Marks	Number of places	Zoning	Modified document number	Signature	Date					
Designed by			Standardized by				Phase mark	Weight	Scale	Outline diagram
Reviewed by										
Processed by			Approved by				Total page(s)		Page	GDL100-25-24Z/2.5