4 5

3

2

7

6

1

60 98

Installation position of electric main shaft

$\phi 80h6$

$\phi 86$

$\phi 108$

23 165.5

286.5

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 feed　　　Pump lift 8m

3: Pole change and dust removal pressure 0.2-0,3Mpa (6/4 hoses)

4: 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

5: Air seal pressure 0.1-0.2Mpa (4/2 hoses)

6: Cooling water yielding　　　(2 and 6 ends terminated with 8/6 hoses)

7: Air inlet pressure of the cylinder 0.65Mpa (6/4 hoses)

Model	KL-1500WATC
Voltage	220 V
Power	1.5 kw
Current	5.8 A
Frequency	800 Hz
Rotating speed	24000 rpm
Pole number	4P
Phase number	3
Rotating direction	Rotate anticlock-wise from the shaft extension end
Tool holder	IS020 (Parfaite is recommended)
Blind rivet	IS020-15° (Parfaite is recommended)
Weight	8 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.

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