



- 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 0.3-0.4 Mpa (6/4 hoses)
- 4: Air seal pressure 0.3-0.4 Mpa (6/4 hoses)
- 5: Tool discharge and air feed pressure 0.5-0.70 MPa (6/4 hoses)
- 6: Cooling influent Pump lift 12m (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

Note: connection method for PNP (normally open) N. O. proximity switch:  
 Brown wire connected with +24VDC Blue wire connected with 0VDC  
 Signal load positive pole connected with black wire/negative pole connected with 0VDC

Model KL-7500W ATC  
 Voltage 220 V  
 Power 7.5 kw  
 Current 26.0A  
 Frequency 600 Hz  
 Rotating speed 18000 rpm  
 Pole number 4P  
 Phase number 3  
 Rotating direction Rotate anticlockwise from the shaft extension end BT30 (Parfaite is recommended)  
 Tool holder  
 Blind rivet BT30-45° (Parfaite is recommended)  
 Weight 30 KG

PTC three-core thermistor parameter	
DC power supply	Maximum DC25V/100mA
-20~25℃	≤3000
≤90℃	≤7500
105℃	≤16500
110℃	Related operating temperature
115℃	≥39900
≥125℃	≥12K0
≤160℃	Maximum storage temperature

Special warning:

- The electric main shaft shall be installed at the clamped position; otherwise the bearing will be easily damaged!
- 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!
- 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.
- It is required to set the frequency converter strictly according to the frequency-voltage curve of the electric shaft.

						Outline diagram		
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