

## T series synchronous motor

Brand Name:pinnxun
Model Number:T1250-6/1180
Type:Synchronous Motor,synchronous motor
Frequency:50HZ
Output Power:1250KW
Protect Feature:Drip-proof
Phase:Three-phase
Certification:CCC,CE
AC Voltage:6KV
Place of Origin:Shanghai, China (Mainland)
Efficiency:IE 1
standard:IEC
insulation class:F
temperature rise:B
wire:100% copper wire
EFF:IE2 IE1
protection:IP23
warranty period:12 months
Delivery:in 60 days
voltage:as user inquiry

### Specifications

synchronous motor  
certificate:IS09001-2008  
power:250KW--3000KW  
pole:4-80 pole  
speed:3600-75

T series large size synchronous motor

Products: T series large size synchronous motor

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### Feature and usage

T series of synchronous motors can be made into TF TK TDMK TZ TL series.

TF:TF TFW are synchronous excitation alternator,

TK;This series synchronous motor mainly design for compressors.

TDMK;This series motor specialize design for large size ball mill.

TZ:specialize for mill machine. and TL are vertical mounting synchronous motor.

These series of motors have high operating efficiency, good material, perfect manufacture, stable performance and revolution does not change with load variation.

As for technical requirement of this series of motors, in addition to the specification of special technical specification of the product, other requirements comply with China National Standard GB755<Basic technical requirement of rotating motor>and IEC standard.

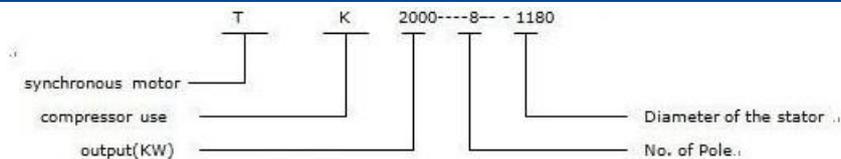
The mechanical dimension and tolerance for each part of this series of motors comply with China National standard GB1889-1804 and ISO standard.

The protection grade for case of this series of motors is IP00,IP20,IP21,IP23 and IP44 in accordance with GB/T4942.1 and IEC 34-5<Classification of protection grade of motor case>.

The way of cooling for this series of motors is IC01 IC401,IC27,IC37,IC81W and IC91 in accordance with standard of GB/T1993 and IEC60034-6<Cooling method of motor>.

The basic installation mode for this series of motors complies with the specification of GB997 and IEC60034-7<Structure and installation mode >.In case o needing other protection grade and way of cooling, negotiation can be made separately.

### Model Explanation



### Motor Performance

Power range:250KW--3000KW

Rated Voltage: 380V 400V 440V 690V 3KV 6KV 10KV

No.of pole;6-40

Protection Class: IP00,IP20,IP21,IP23 and IP44

Ambient Temperature: -15° C~40° C

Altitude: not exceed 1000 Meter

Rated Frequency: 50Hz/60Hz

Insulation Class: F

Temprature rise: B

Working Duty: S1(Continuous)

### Structure Description

Frame: Integral construction welded by steel plate. The frame and plain bearing housing are fixed on the base plate welded by steel plate respectively.

Stator coil: Laminated by 0.5mm silicon steel fan-shaped lamination. The two sides of fan-shaped lamination is painted with insulating varnish. The stator iron core is fixed on the frame by tighting screw or

dovetail rib.

Stator coil: The coil is two layer lap winding. It has B class insulation and can prevent the corona. The end of the coil is wrapped tightly and be integral varnished.

Magnetic pole: Laminated by thin steel plate lamination. The iron core is covered with coil. The whole magnetic pole is fitted on the magnetic yoke.

Magnetic coil: Wound by flat copper wire and has B class insulation after be insulating treated.

Bearing: Composed of cast iron plain bearing housing and plain bearing half-liner casted with alloy. The lubricating method is oilring self-lubricating or compound lubricating with outer oil system.

Brush and collector ring: The collector ring's construction is assembling. The brush is fixed in the constant voltage brush box and connected by the conducting plate. The whole brush support if fixed on the side of bearing.

Exciting mode: T series synchronous electrical machinery are excited by thyristor exciting unit. The exciting unit can be provided by the manufactory.

### Ordering Informations

- 1.Please indicate the motor type, rated output, rated voltage, rated frequency, synchronous speed, Explosion proof Mark, mounting type, rotation direction (view from the shaft extension side) Use of the environment (indoor or outside) If the user hasn't point out the rotation and environment, normally we think is CW rotation and used indoor.
2. when user have special requirements, For example: Dispose the stator, bearing explosion proof and bearing temperature sensors, space heater, Plateau use, special frequency, mounting size change, special output, the user must , order can be confirm after signing the technical agreement with engineering department .
3. The catalogue is only for reference, and there may be variations.
4. This range of motor can also be made into Variable-Frequency motors, the range of frequency of which is 0-100HZ, the output and overall dimensions should be confirm separately.

### Packaging & Delivery

Packaging Details: in standard export wooden package

Delivery Detail: In 45 days

FOB Price:US \$8000-100000 / Piece
Port:Shanghai
Minimum Order Quantity:1 Piece/Pieces
Supply Ability:20 Piece/Pieces per Month
Payment Terms:L/C, T/T