



# **Datasheet Of 750W Servo Motor**



**750W 80ST-02430 Servo Motor**

**2.4Nm / 3000RPM**

PD-Automatyka - dystrybutor produktów Lichuan w Polsce  
[www.lichuan.pl](http://www.lichuan.pl) [info@lichuan.pl](mailto:info@lichuan.pl)

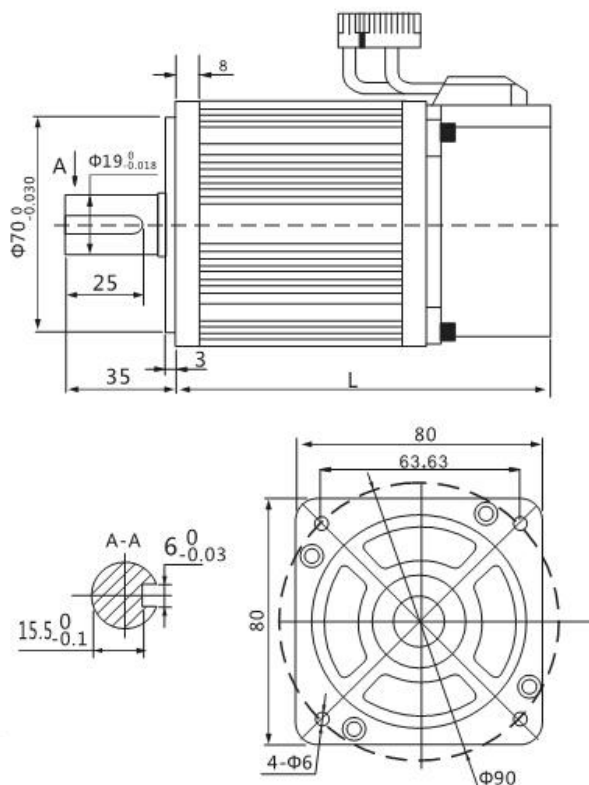
<b>1. Naming Rules.....</b>	<b>3</b>
<b>2. Mechanical Specifications.....</b>	<b>3</b>
<b>3. Specifications.....</b>	<b>4</b>

## 1. Naming Rules

### LCMT - 07 L 02 NB - 80 M024 30 B

- LCMT---- Product information (LICHUAN Motor)
- 02----- 750W ( 04---400W / 07---750W / 10---1KW )
- L----- Motor inertia ( L---low / M---middle )
- 02----- Sensing form  
( 01---line saving encoder 2500 02---15 type encoder 2500 )
- N-----Without brake ( Z---with brake )
- B----- Only keyway no oil seal  
( A---only oil seal no keyway C---oil seal and keyway)
- 80----- Flange(80mm)
- M024----Torque(2.4Nm)
- 30----- Speed(3000rpm)
- B----- B series ( A--- A series / C--- C series )

## 2. Mechanical Specifications



### 3. Specifications

Item	LCMT07L02NB-80M02430B
Rated Power	0.75KW
Rated Voltage	220V
Rated Current	3.0A (Max 9.0A)
Rated Speed	3000Rpm
Rated Torque	2.4N.m (Max 7.1N.m)
Flange	80mm*80mm
Shaft Diameter	19mm
Motor Length	150mm
Voltage Constant	48V/1000r/min
Torque Coefficient	0.8N.m/A
Rotor Inertia	1.82*10 <sup>-4</sup> kg.m <sup>2</sup>
Line-line Resistance	2.88Ω
Electrical Time Constant	2.22ms
Encoder Line Number	2500PPR
Weight	2.86Kg
Insulation Class	Class B(130℃)
Safety Class	IP65
Environment	Temperature:-20 to +50degree Humidity: <90%(non-condensing conditions)