

# AC Reversible Synchronous Geared Motors(Ultra Low Speed)

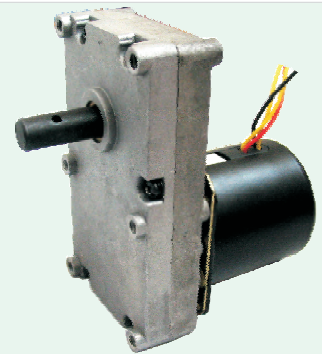
## ■ 59TYD-FA

### Features:

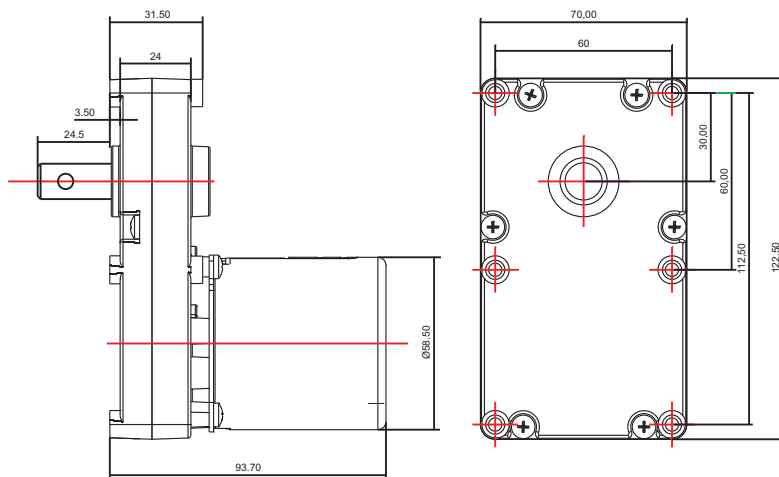
- Gear box inside designed
- High torque and efficiency with low noise, light weight
- Speed state invariable not effected by voltage under rated frequency
- Winding will not ruin when motor over loading or abrupt stop running

### Applications:

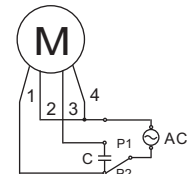
Electric equipment, HVAC System, CATV System



### ■ Drawing



### ■ Wire connecting



Voltage wire	24V	110V	220V
1	Red	Yellow	Black
2	Black	Red	Yellow
3	Yellow	Black	Red
4	Black	Red	Yellow

- Above are basic wire colors. customization also welcome.

### ■ Specification

ITEM	DATA		
Rated Voltage (V)	24	110	220
Rated Frequency (Hz)	50/60		
Input Power (W)	<20		
Input Current (A)	<0.9	<0.2	<0.1
Output Power (W)	5-6		
Noise (db)	<45		
Rotate direction	CW / CCW / Bi-directional		

### ■ Safety

ITEM	DATA
Insulation resistance	DC500V 100M Ohms
Insulation str.	AC1500V 50Hz/min(220V motor)
Insulation class	E(105 C)/B(130 C)
Environment	Temp:-10 C~+40 C / Humidity:<85%
Protection	Impedance
Certification	

### ■ Speed&Torque

Output Speed	RPM	0.05	0.08	0.11	0.16	0.25	0.33	0.5	0.66	0.83	2	3.3
Torque (L2=41mm)	kgf.cm	200	200	200	200	200	200	200	200	180	150	150

- Above datas are from motors under 50Hz. If under 60Hz, SpeedX1.2, Torque /1.2
- Other speed and torque needed, please contact our sales department

For more detailed information, feel free to contact us.  
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