

## LPW-05-S9X Wind Turbine Slip Ring

This is constantly being extended in order to also meet the developments in signal and data Transmission. JINPAT has developed a comprehensive standard programmed that is able to offer optimum solutions. The standard programmed enables the creation of slip ring bodies of any number of poles up to 100 for power and data/signal currents. Slip ring bodies can be supplied either as open slip ring bodies to be built per customers' requirements or in a housing of impact-resistant plastic or sheet metal.



- ◆ The operating life of the unit depends upon temperature, rotation speed and environment.
- ◆ The operating life ≥120,000,000 runs ref.

### Features



- ✓ 29 circuits models , Electrical data
- ✓ Compatible with data bus protocols
- ✓ Wiring and max number of poles
- ✓ Control and data transmission
- ✓ Wiring and max. number of poles
- ✓ More technical details, Volume of delivery
- ✓ Flexible, color-coded, silver-plated, lead wires
- ✓ Precision ball bearings meet or exceed life requirements for most commercial applications

Specifications	
Model	LPW-05-S9X
Operating Speed	0-30rpm
Working Humidity	0-100%RH
Contact Material	Gold-Gold
Temperature Range	-20°C to +60°C
Voltage Rating	120VAC/230VAC/400VAC/24VDC
Current Rating	63A/20A/12A/6A/2A
Dielectric Strength	≥1000V@50Hz between each circuit
Insulation Resistance	500MΩ@ 500VDC
Housing Material	Aluminum Alloy
Protection	IP65



TEMPERATURE RANGE  
-20° C to 60° C



MAXIMUM OPERATING SPEED  
0-30 RPM

### Applications

- ✓ Wind turbine generator



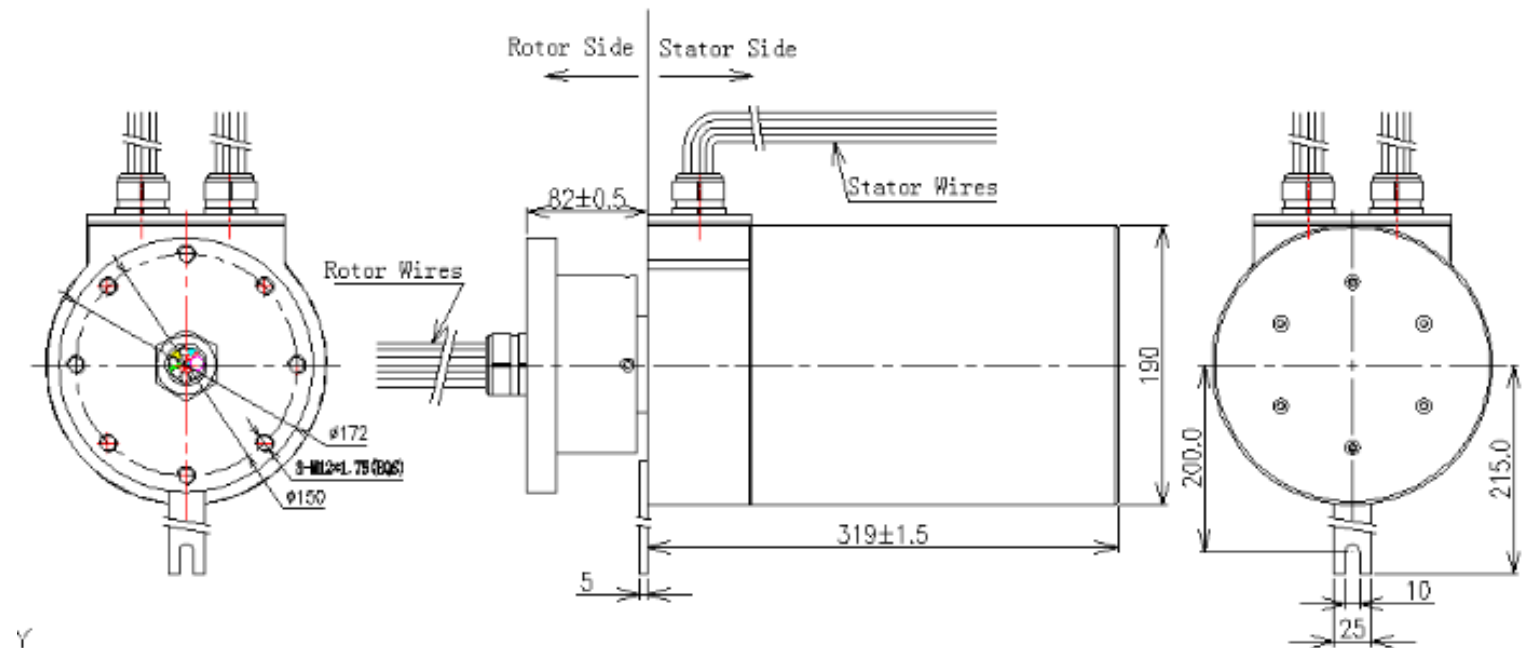
Capsule Length		
Lead Wire Length	Maintenance Period	Lead Wire Size
Rotor 400mm/ Stator 400mm	Annually	AWG6#/AWG12#/AWG16#/AWG17# AWG22#/CAN-Bus/CAT5

## Advantage



- ✓ Digital signals up to max. 500 kB
- ✓ Amperages up to 1200 A and volt- age up to 24 kV
- ✓ Diameters > 10 m, high rotation speed
- ✓ Extreme operating conditions
- ✓ Protection class: IP 65

## Drawings



## MESSAGE

Any questions about slip ring, please leave your message to get a professional solution

### PRODUCT CATEGORY

FORJ  
Capsule slip ring  
Through bore slip ring  
Pancake slip ring  
Mercury slip ring  
Separate slip ring  
Miniature slip ring  
Wind turbine slip ring  
Hydraulic slip ring  
Pneumatic slip ring  
Coaxial rotary joints

### REQUESTS

Circuits  
Current & voltage  
Signal details  
Dimension  
Working speed  
Working temperature  
Operating  
Environment  
Other

### INDUSTRIES

Surveillance  
Crane  
Medical  
Marine  
Defence  
Radar antenna  
Automation  
Meter and instrument  
Wind turbine generator  
VR Device  
Other

### Wire Color Code

Wire Size	Ring #	Color	Ring #	Color	Ring #	Color	Ring #	Color
AWG32# silver plated copper Teflon UL	#1	BLK	#2	BRN	#3	RED	#4	ORG
	#5	YEL	#6	GRN	#7	BLK-BLU	#8	PUR
	#9	GRAY	#10	WIT	#11	PINK	#12	AZURY
	#13	WIT/BLK	#14	WIT/BRN	#15	WIT/RED	#16	WIT/ORG
	#17	WIT/YET	#18	WIT/GRN	#19	WIT/BLU	#20	WIT/PUR
	#21	WIT/GRAY	#22	CLAR	#23	BLK-RED	#24	BLK/BRN

Remarks: 1. AWG32# silver plated copper Teflon UL, 24 different color single wires for a circle

2. #1 from rotor side (The color if the wire can be changed).

Contact us on wire color codes



Send