Construction Machinery Slip Rings



Electrical & Electronics		Mechanical		Environmental	
Number of circuits	14CKT	Rotating speed	0~100rpm	Temperature	-30°C~+80°C
Current	3×30A+9S+2×CANBUS +1×throttle signal	Contact material	Precious metal	Humidity	≤95%RH
Voltage	36VDC	Housing material	Aluminum alloy	Protection Grade	IP65
Dielectric strength	≥500VAC@50Hz	Wire type	4.0/0.75mm² FLRY-B/CANBUS	Others	
Insulation resistance	≥500MΩ@500VDC	Wire length	Stator side:2.4m/ CANBUS 3.4m Rotor side:1.7m	Life span	Can be customized

Features

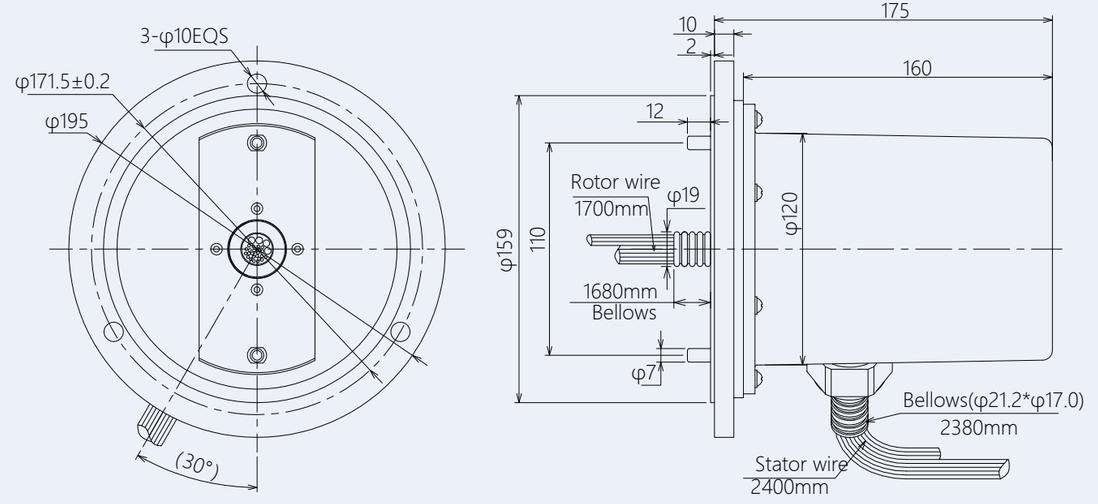
- Simultaneous transmission of power and signal
- Standard installation，protection grade IP67
- Maintenance-free

Advantages

- Excellent water-proof performance, protection grade up to IP67, fits to work in outdoor environment
- Multiple channels for power, general signals, throttle signal and CANBUS signal, etc. Able to integrate encoder.
- Meet the requirements of crane models with 12T~350T lifting capacity

Construction Machinery	
Model	**Applications**
LPTS000-0330-1105	25T Truck Crane

Outline drawings



JINPAT Electronics

Construction Machinery Slip Rings



Electrical & Electronics		Mechanical		Environmental	
Number of circuits	14CKT	Rotating speed	0~100rpm	Temperature	-30°C~+80°C
Current	3×30A+9S+ 2×CANBUS	Contact material	Precious metal	Humidity	≤95%RH
Voltage	36VDC	Housing material	Aluminum alloy	Protection Grade	IP65
Dielectric strength	≥500VAC@50Hz	Wire type	4.0/0.75mm²FLRY-B /CANBUS	Others	
Insulation resistance	≥500MΩ@500VDC	Wire length	Stator: 2.4m Rotor: 1.7m CANBUS: 3.4m	Life span	Can be customized

Features

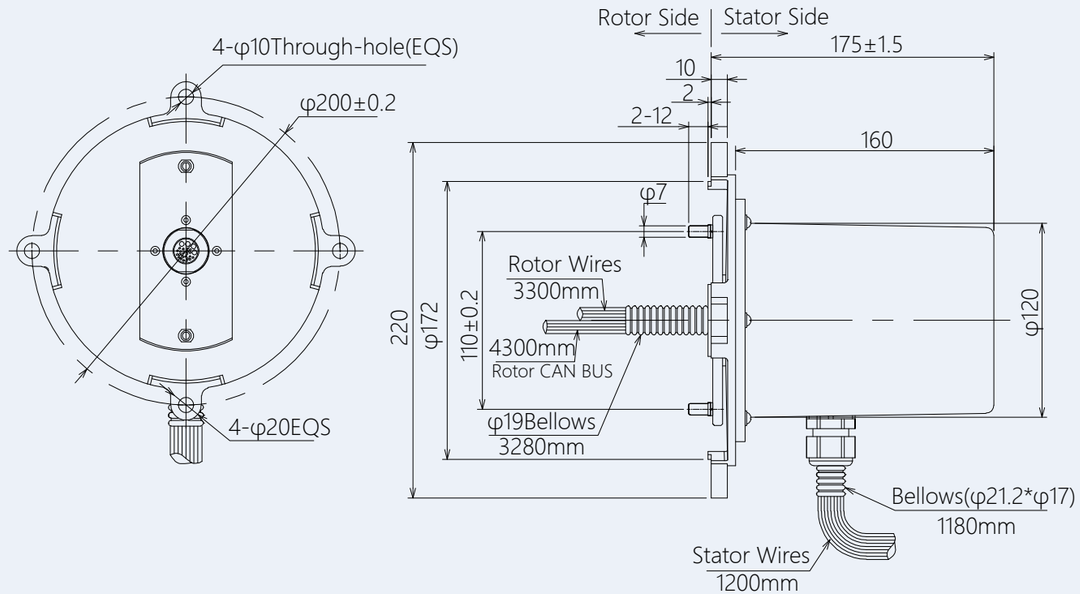
- Simultaneous transmission of power and signal
- Up-side-down installation，protection grade IP67
- Maintenance-free

Advantages

- Excellent water-proof performance, protection grade up to IP67, fits to work in outdoor environment
- Multiple channels for power, general signals, throttle signal and CANBUS signal, etc. Able to integrate encoder.
- Meet the requirements of crane models with 12T~350T lifting capacity

Construction Machinery	
Model	**Applications**
LPTS000-0330-1105	50T crane truck

Outline drawing



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Construction Machinery Slip Rings



Electrical & Electronics		Mechanical		Environmental	
Number of circuits	16CKT	Rotating speed	0~100rpm	Temperature	-40°C~+85°C
Current	5×30A+12×5A+1×Angle signal	Contact material	Precious metal	Humidity	≤95%RH
Voltage	36VDC	Housing material	Aluminum alloy	Protection Grade	IP65
Dielectric strength	≥500VAC@50Hz	Wire type	4.0/1.0mm²FLRY-B	Others	
Insulation resistance	≥500MΩ@500VDC	Wire length	Stator :700mm Rotor :1200mm	Life span	Can be customized

Features

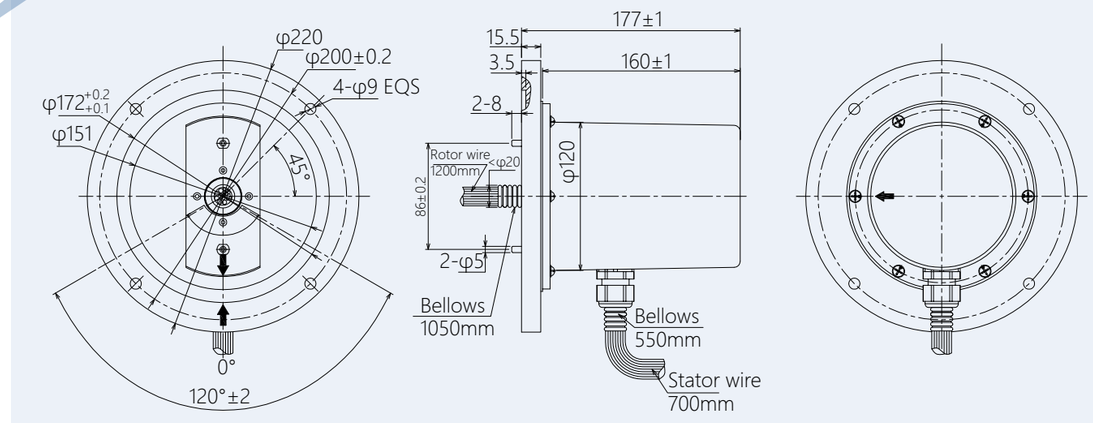
- Simultaneous transmission of power and signal
- Integrated angle loop signal
- Standard installation，protection grade IP67
- Maintenance-free

Advantages

- National patent winning angle signal transmission structure
- Excellent water-proof performance, protection grade up to IP67, fits to work in outdoor environment
- Multiple channels for power, general signals, throttle signal, CANBUS signal and angle loop signal, etc. Able to integrate encoder.
- Meet the requirements of crane models with 20T~80T lifting capacity

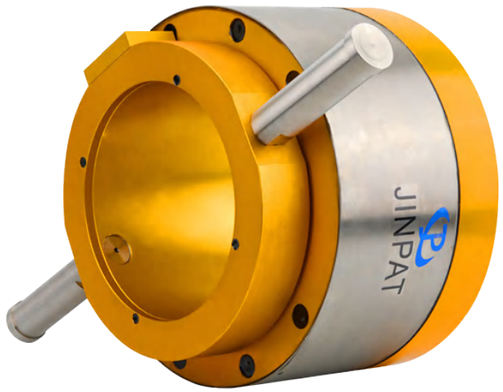
Construction Machinery	
Model	**Applications**
LPTS000-0340-1305	20~80T crane truck

Outline drawing



JINPAT Electronics

Construction Machinery Slip Rings



Electrical & Electronics		Mechanical		Environmental	
Number of circuits	12CKT	Rotating speed	0~100rpm	Temperature	-30°C~+80°C
Current	4×30A+2×10A+3×5A+4×CANBUS+1×Throttle signal	Contact material	Precious metal	Humidity	≤95%RH
Voltage	36VDC	Housing material	Aluminum alloy	Protection Grade	67
Dielectric strength	≥500VAC@50Hz	Wire type	4.0/2.0/0.75mm²FLRY-B/CANBUS	Others	
Insulation resistance	≥500MΩ@500VDC	Wire length	Stator side:3500mm Rotor side:1500mm	Life span	Can be customized

Features

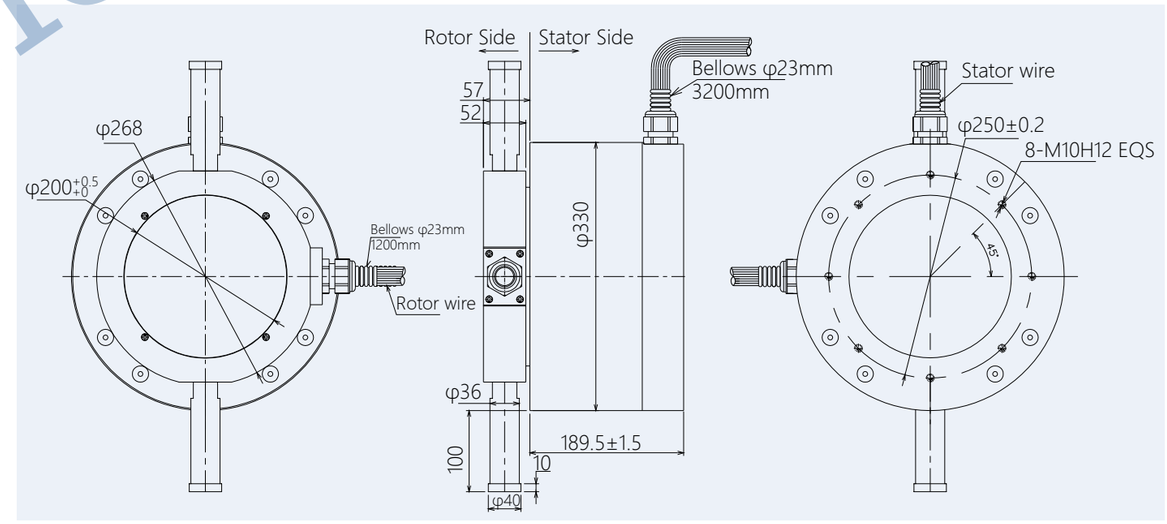
- Simultaneous transmission of power and signal
- Large through-bore design
- Standard installation， protection grade IP67
- Maintenance-free

Advantages

- Excellent water-proof performance, protection grade up to IP67, fits to work in outdoor environment
- Multiple channels for power, general signals, throttle signal and CANBUS signal, etc.
- Meet the requirements of crane models with 12T~350T lifting capacity
- Large through-bore series, bore diameter 200mm

Construction Machinery	
Model	**Applications**
LPT200-0430-0210-06S	100T All terrain crane

Outline drawings



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Construction Machinery Slip Rings



Electrical & Electronics		Mechanical		Environmental	
Number of circuits	18CKT	Rotating speed	0~100rpm	Temperature	-30°C~+80°C
Current	4×40A+12S+ 2×CANBUS	Contact material	Precious metal	Humidity	≤95%RH
Voltage	220VAC	Housing material	Aluminum alloy	Protection Grade	65
Dielectric strength	≥500VAC@50Hz	Wire type	4.0/1.0mm²FLRY-B /CANBUS	Others	
Insulation resistance	≥500MΩ@500VDC	Wire length	Stator side:2500mm Rotor side:2500mm	Life span	Can be customized

Features

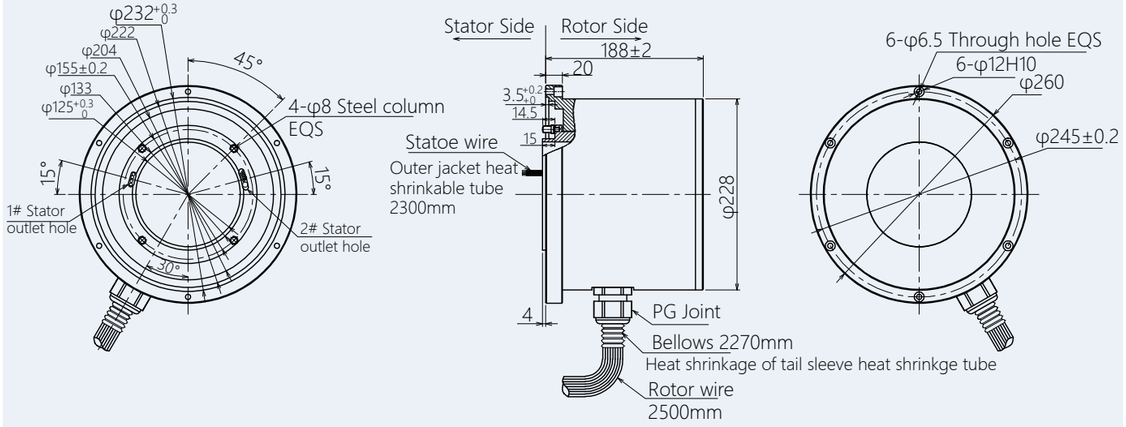
- Simultaneous transmission of power and signal
- Large through-bore design
- Standard installation， protection grade IP67
- Maintenance-free

Advantages

- Excellent water-proof performance, protection grade up to IP67, fits to work in outdoor environment
- Multiple channels for power, general signals and CANBUS signal, etc.

Construction Machinery	
Model	**Applications**
LPTS000-0440-14S	Aerial ladder fire truck

Outline drawings



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