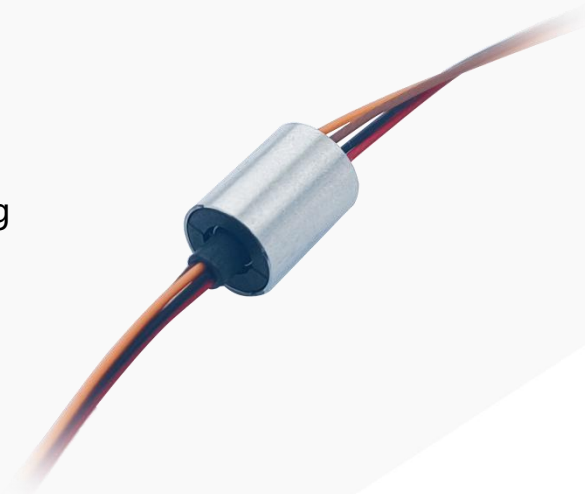


WX6.0 Micro Slip Ring Series

The outer diameter is 6.0mm, and it is mainly used in application scenarios such as handheld gimbals, rotating lights, drones, and visual fishing reels.

Ordering Model Description



WX6.0

6PS

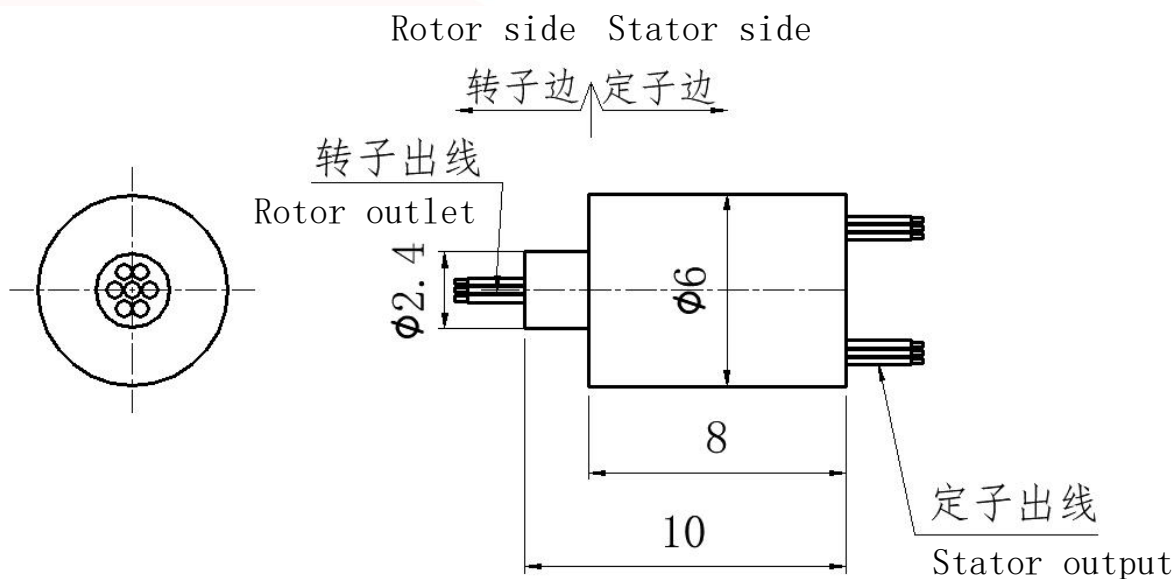
WX: Micro cap type slip ring
6.0: The outer diameter of the slip ring is 6.0mm

6PS: 6P means 6-way power supply, S means 1A current

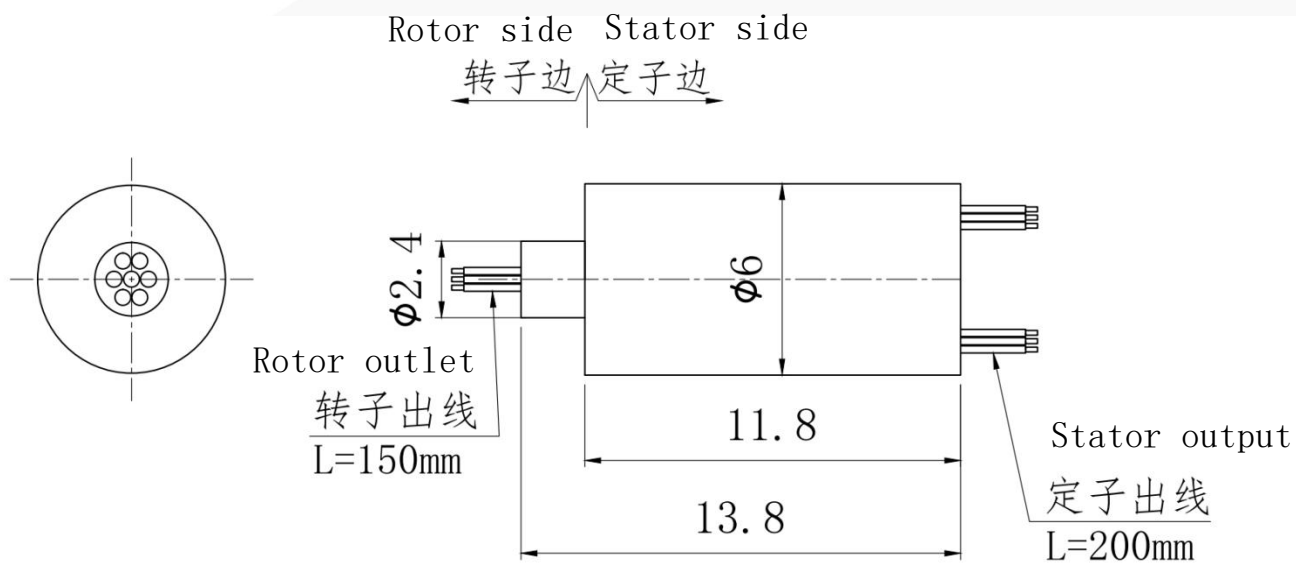
Standard Model Selection Table

Model	Circuit	Current	Length
WX6.0-4PS	4-way	1A	8mm
WX6.0-6PS	6-way	1A	11.8mm
WX6.0-8PS	8-way	1A	11mm

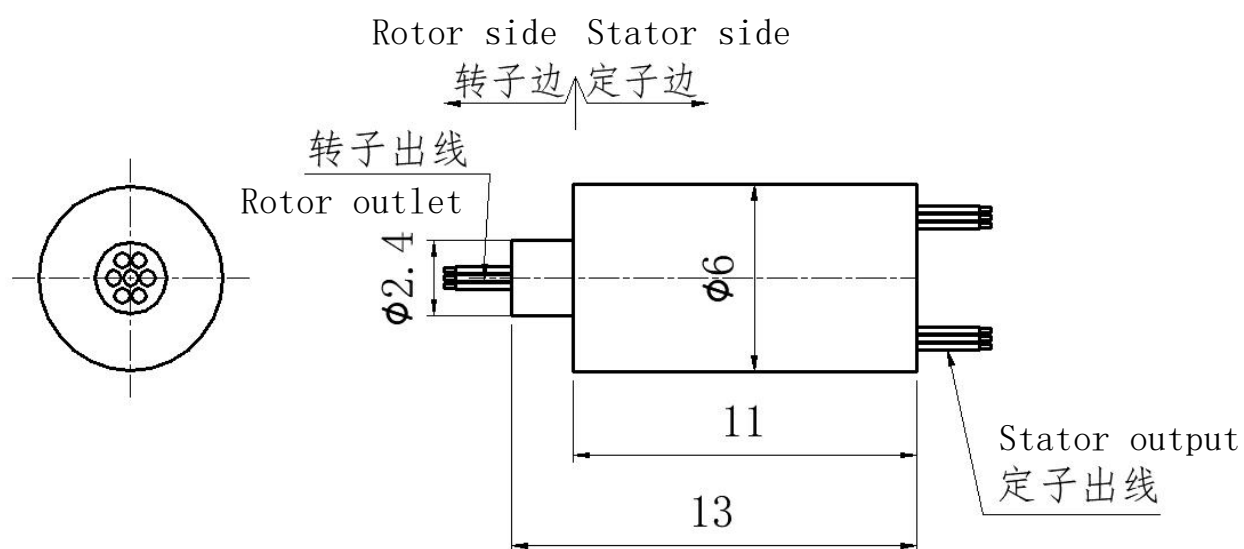
Standard product size drawings



Model	Electrical Path	Voltage	Speed	Wire Specifications	Wire length
WX6.0-4PS	4-way 1A	0-48V	100RPM	AWG30# Teflon wire	Rotor 150mm Stator 200mm



Model	Electrical Path	Voltage	Speed	Wire Specifications	Wire length
WX6.0-6PS	6-way 1A	0-48V	100RPM	AWG30# Teflon wire	Rotor 150mm Stator 200mm



Model	Electrical Path	Voltage	Speed	Wire Specifications	Wire length
WX6.0-8PS	8-way 1A	0-48V	100RPM	AWG30# Teflon wire	Rotor 150mm Stator 200mm

Technical Specifications

Parameter name	Parameter Value	
	Power	Signal
Dielectric strength	300VCA@50Hz, 60s	
Insulation resistance	≥300MΩ/300VDC	
Dynamic resistance change value	< 10mΩ	
Rated voltage	0 ~ 48VDC/VAC	
Wire Specifications	AWG30# Teflon wire	
Wire length	Rotor 150mm; stator 200mm (adjustable as required)	
Operating temperature	-20°C ~ +80°C	
Operating humidity	0 ~ 85%RH	
Protection level	IP51	
Shell material	Engineering Plastics	
Rotational torque	0.05N.m,+0.01N.m/6-way	
Service life	500,000 rpm	

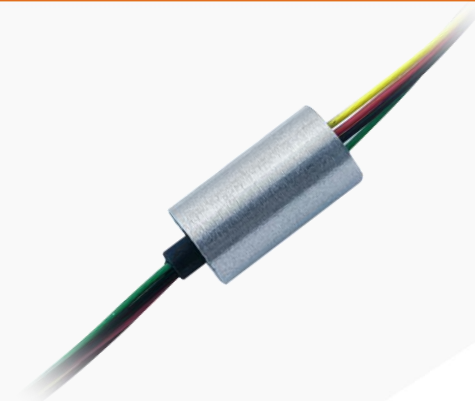
Color code table for each loop conductor

Loop	1	2	3	4	5	6	7	8	9	10	11	12
Color	black	brown	red	orange	yellow	green	blue	Purple	grey	White	White and red	Light blue
Note: 12 colors form a group, loop 1 to 12, the next group repeats the first 12 colors, each group is distinguished by a number tube as the group number												

WX6.5 Micro Slip Ring Series

The outer diameter is 6.5mm, and it is mainly used in application scenarios such as handheld gimbals, rotating lights, drones, and visual fishing reels.

Ordering Model Description

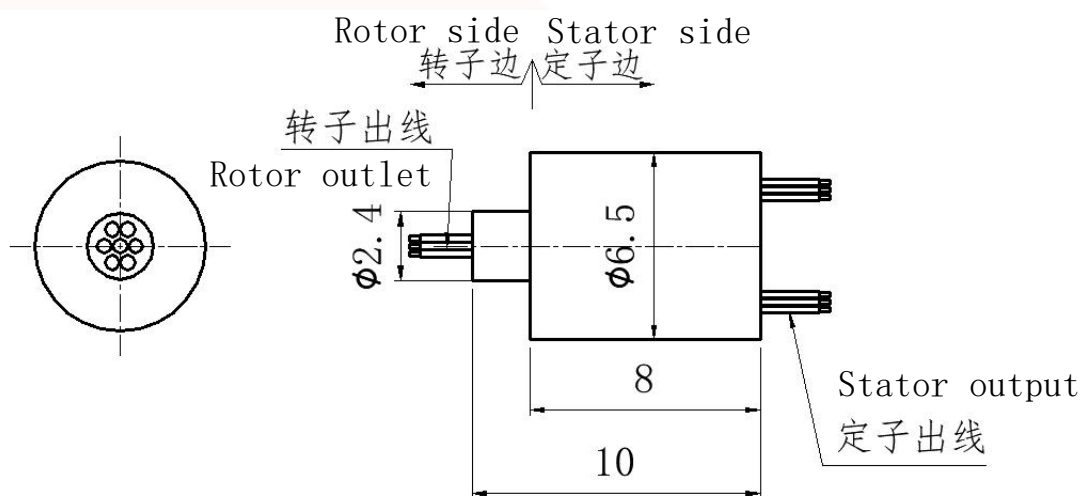


	WX6.5	6PS
WX: Micro cap type slip ring		
6.5: The outer diameter of the slip ring is 6.5mm		
		6PS: 6P means 6-way power supply, S means 1A current

Standard Model Selection Table

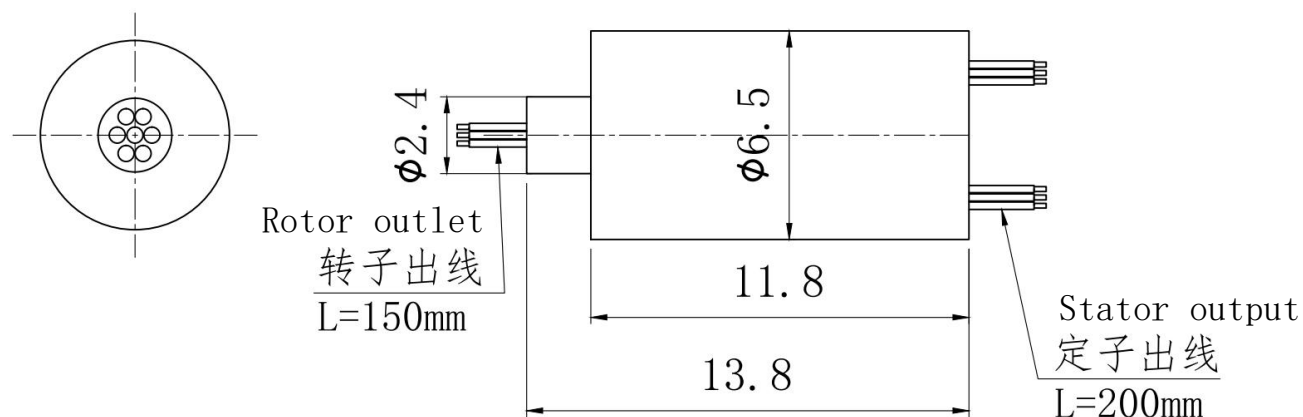
Model	Circuit	Current	Length
WX6.5-4PS	4-way	1A	8mm
WX6.5-5PS	5-way	1A	11.8mm
WX6.5-6PS	6-way	1A	11.8mm
WX6.5-8PS	8-way	1A	11.8mm
WX6.5-12PS	12-way	1A	15.6mm

Standard product size drawings



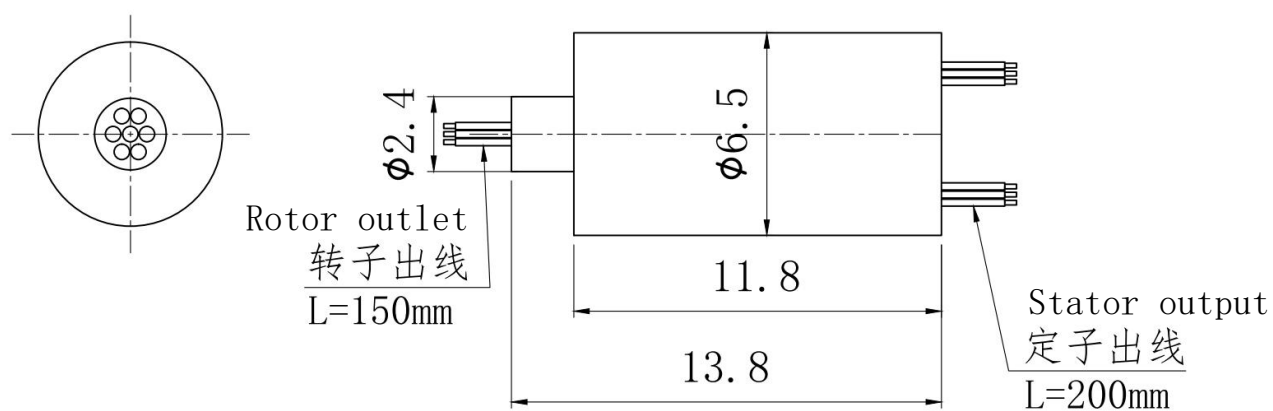
Model	Electrical Path	Voltage	Speed	Wire Specifications	Wire length
WX6.5-4PS	4-way 1A	0-48V	100RPM	AWG30# Teflon wire	Rotor 150mm Stator 200mm

Rotor side Stator side
转子边 定子边

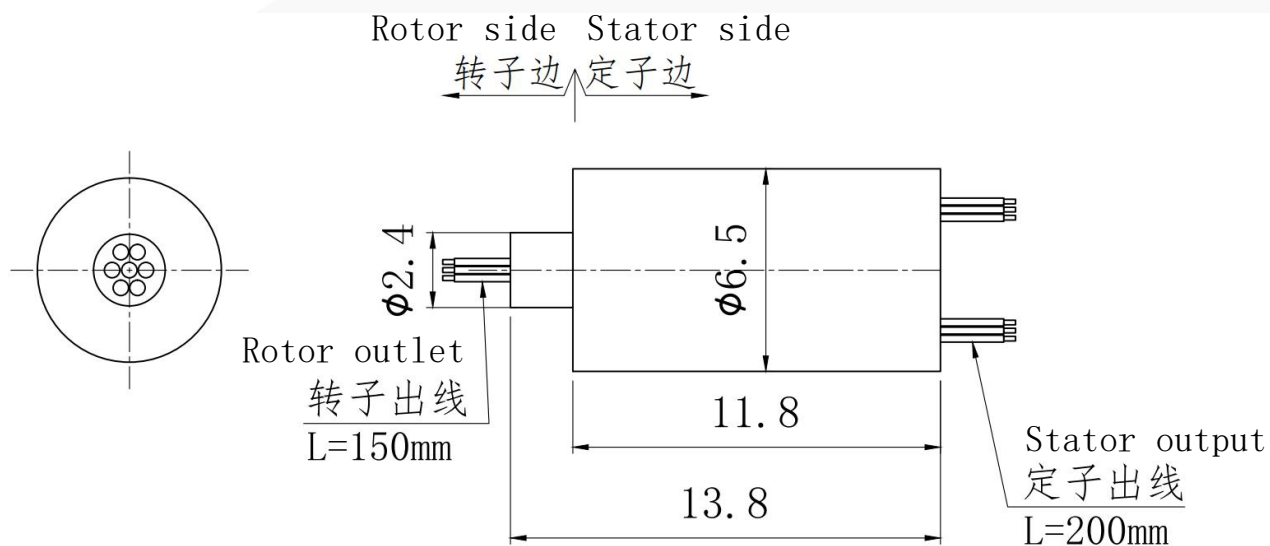


Model	Electrical Path	Voltage	Speed	Wire Specifications	Wire length
WX6.5-5PS	5-way 1A	0-48V	100RPM	AWG30# Teflon wire	Rotor 150mm Stator 200mm

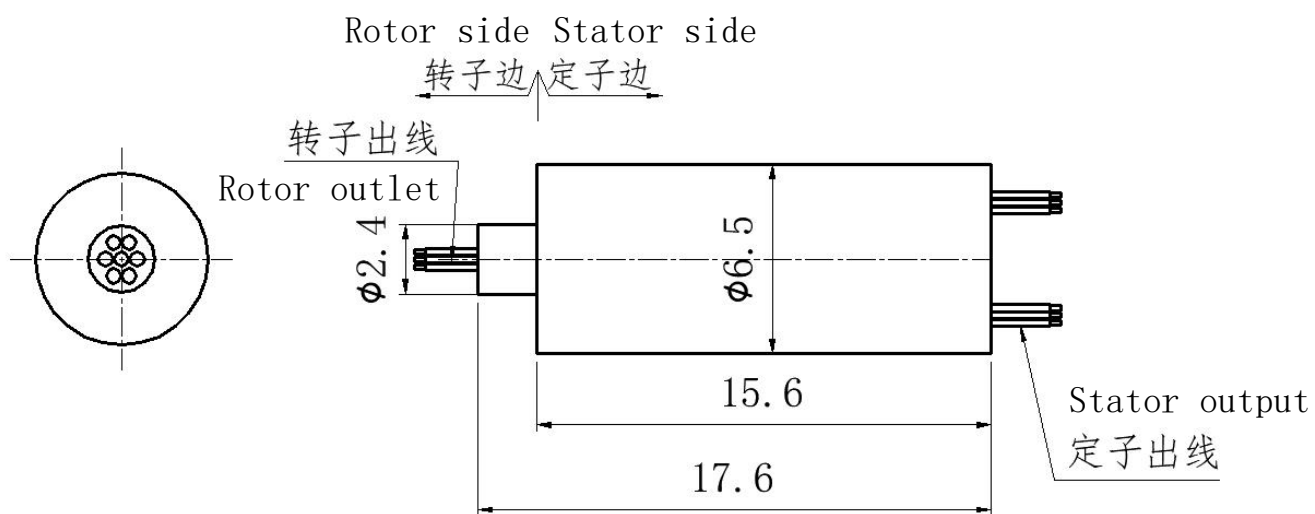
Rotor side Stator side
转子边 定子边



Model	Electrical Path	Voltage	Speed	Wire Specifications	Wire length
WX6.5-6PS	6-way 1A	0-48V	100RPM	AWG30# Teflon wire	Rotor 150mm Stator 200mm



Model	Electrical Path	Voltage	Speed	Wire Specifications	Wire length
WX6.5-8PS	8-way 1A	0-48V	100RPM	AWG30# Teflon wire	Rotor 150mm Stator 200mm



Model	Electrical Path	Voltage	Speed	Wire Specifications	Wire length
WX6.5-12PS	12-way 1A	0-48V	100RPM	AWG32# Teflon wire	Rotor 150mm Stator 200mm

Technical Specifications

Parameter name	Parameter Value	
	Power	Signal
Dielectric strength	300VCA@50Hz, 60s	
Insulation resistance	≥300MΩ/300VDC	
Dynamic resistance change value	< 10mΩ	
Rated voltage	0 ~ 48VDC/VAC	
Wire Specifications	AWG30# Teflon wire	
Wire length	Rotor 150mm; stator 200mm (adjustable as required)	
Operating temperature	-20°C ~ +80°C	
Operating humidity	0 ~ 85%RH	
Protection level	IP51	
Shell material	Engineering Plastics	
Rotational torque	0.05N.m,+0.01N.m/6-way	
Service life	500,000 rpm	

Color code table for each loop conductor

Loop	1	2	3	4	5	6	7	8	9	10	11	12
Color	black	brown	red	orange	yellow	green	blue	Purple	grey	White	White and red	Light blue
Note: 12 colors form a group, loop 1 to 12, the next group repeats the first 12 colors, each group is distinguished by a number tube as the group number												

WX6.5 2A Micro Slip Ring Series

The outer diameter is 6.5mm, and it is mainly used in application scenarios such as handheld gimbals, rotating lights, drones, and visual fishing reels.

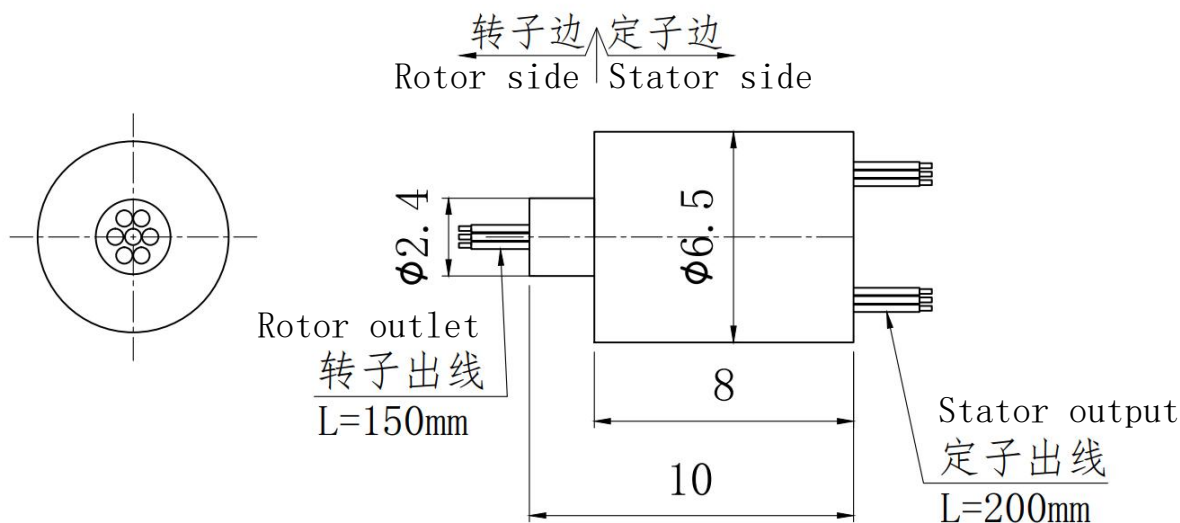
Ordering Model Description

WX6.5	2P02
WX: Micro cap type slip ring 6.5: The outer diameter of the slip ring is 6.5mm	2P02: 2P means 2-way power supply, S means 2A current

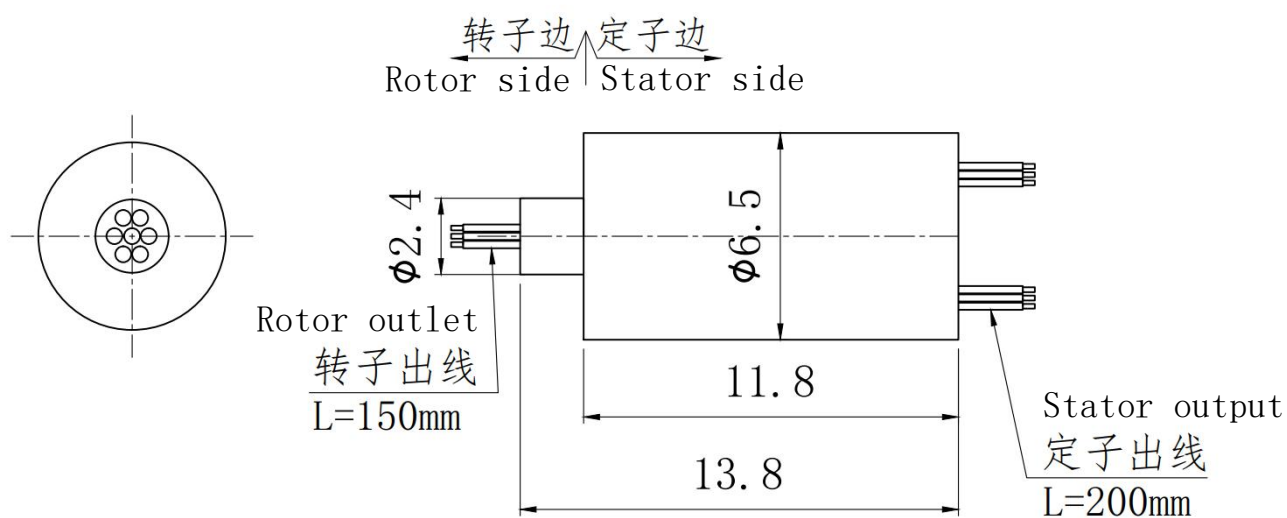
Standard Model Selection Table

Model	Circuit	Current	Length
WX6.5-2P02	2-way	2A	8mm
WX6.5-2P02-1	2-way	2A	11.8mm
WX6.5-4P02	4-way	2A	11.8mm

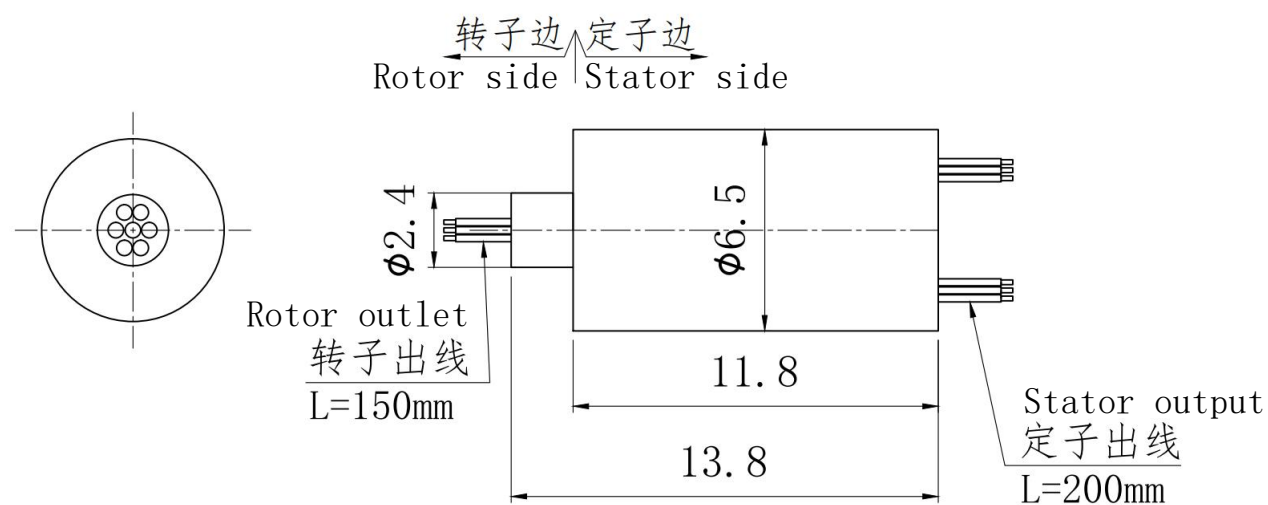
Standard product size drawings



Model	Electrical Path	Voltage	Speed	Wire Specifications	Wire length
WX6.5-2P02	2-way 2A	0-48V	100RPM	AWG28#Teflon wire	Rotor 150mm Stator 200mm



Model	Electrical Path	Voltage	Speed	Wire Specifications	Wire length
WX6.5-2P02-1	2-way 2A	0-48V	100RPM	AWG28#Teflon wire	Rotor 150mm Stator 200mm



Model	Electrical Path	Voltage	Speed	Wire Specifications	Wire length
WX6.5-4P02	4-way 2A	0-48V	100RPM	AWG28#Teflon wire	Rotor 150mm Stator 200mm

Technical Specifications

Parameter name	Parameter Value	
	Power	Signal
Dielectric strength	300VCA@50Hz, 60s	
Insulation resistance	≥300MΩ/300VDC	
Dynamic resistance change value	< 10mΩ	
Rated voltage	0 ~ 48VDC/VAC	
Wire Specifications	AWG28# Teflon wire	
Wire length	Rotor 150mm; stator 200mm (adjustable as required)	
Operating temperature	-20°C ~ +80°C	
Operating humidity	0 ~ 85%RH	
Protection level	IP51	
Shell material	Engineering Plastics	
Rotational torque	0.05N.m,+0.01N.m/6-way	
Service life	500,000 rpm	

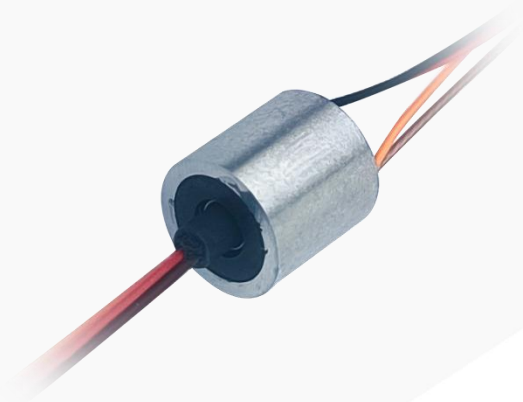
Color code table for each loop conductor

Loop	1	2	3	4	5	6	7	8	9	10	11	12
Color	black	brown	red	orange	yellow	green	blue	Purple	grey	White	White and red	Light blue
Note: 12 colors form a group, loop 1 to 12, the next group repeats the first 12 colors, each group is distinguished by a number tube as the group number												

WX7.9-8.5 Micro Slip Ring Series

The outer diameter is 7.9mm or 8.5mm, and it is mainly used in handheld gimbals, rotating lights, drones, visual fishing reels, and other application scenarios.

Ordering Model Description

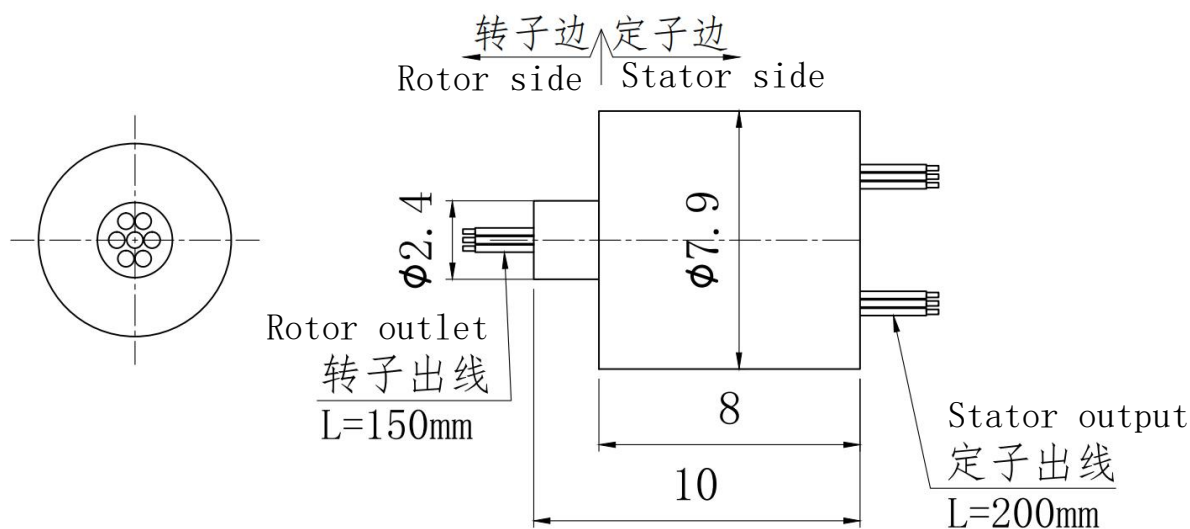


	WX7.9	4PS
WX: Micro cap type slip ring		
7.9: The OD of the slip ring is 7.9mm		
8.5: The OD of the slip ring is 8.5mm		
		4PS: 4P means 4-way power supply, S means 1A current

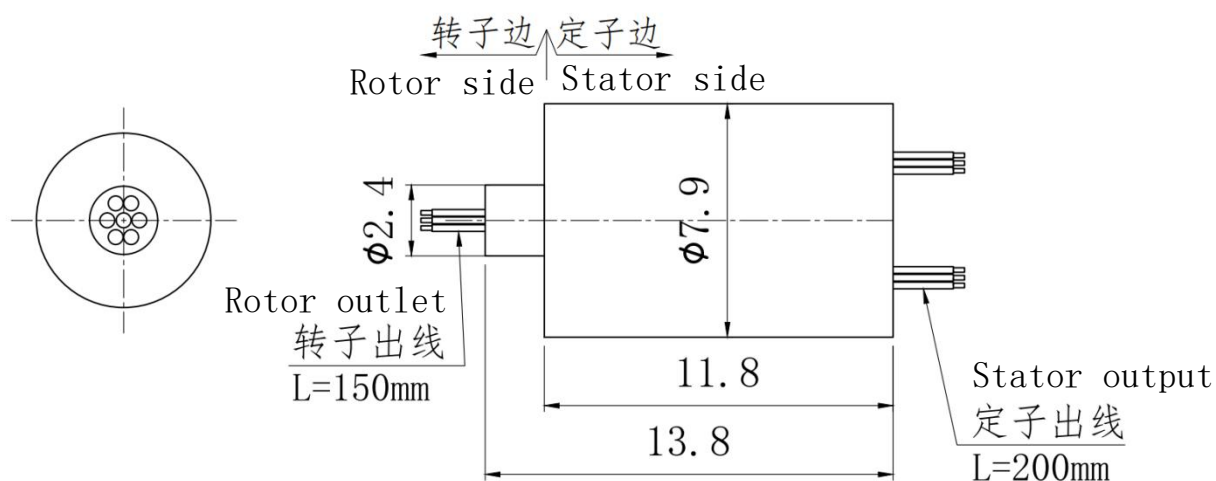
Standard Model Selection Table

Model	Circuit	Current	Length
WX7.9-4PS	4-way	1A	8mm
WX7.9-8PS	8-way	1A	11.8mm
WX8.5-8PS	8-way	1A	11.8mm

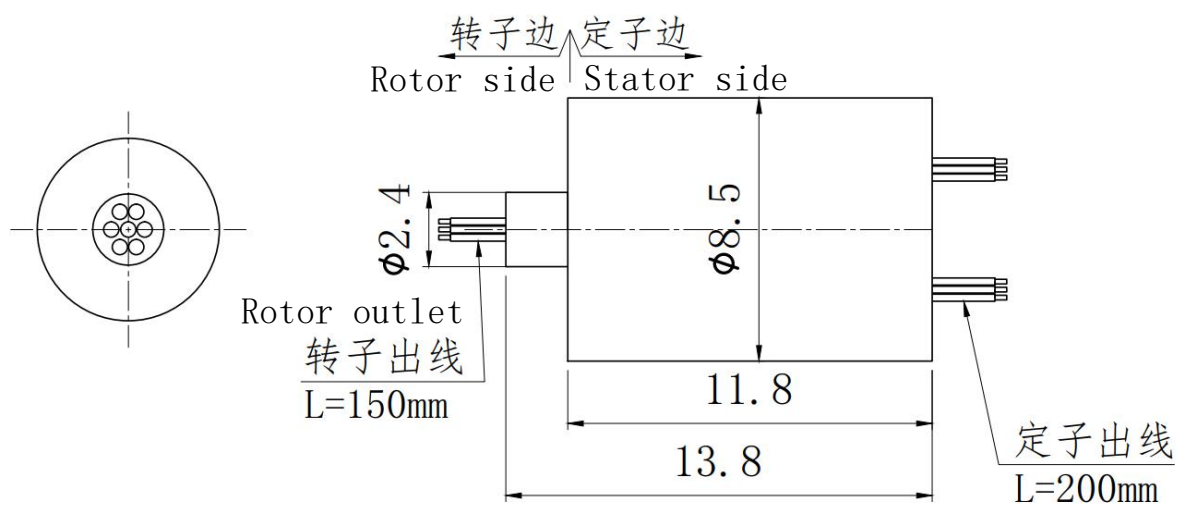
Standard product size drawings



Model	Electrical Path	Voltage	Speed	Wire Specifications	Wire length
WX7.9-4PS	4-way 1A	0-48V	100RPM	AWG30# Teflon wire	Rotor 150mm Stator 200mm



Model	Electrical Path	Voltage	Speed	Wire Specifications	Wire length
WX7.9-8PS	8-way 1A	0-48V	100RPM	AWG30# Teflon wire	Rotor 150mm Stator 200mm



Model	Electrical Path	Voltage	Speed	Wire Specifications	Wire length
WX8.5-8PS	8-way 1A	0-48V	100RPM	AWG30# Teflon wire	Rotor 150mm Stator 200mm

Technical Specifications

Parameter name	Parameter Value	
	Power	Signal
Dielectric strength	300VCA@50Hz, 60s	
Insulation resistance	≥300MΩ/300VDC	
Dynamic resistance change value	< 10mΩ	
Rated voltage	0 ~ 48VDC/VAC	
Wire Specifications	AWG30# Teflon wire	
Wire length	Rotor 150mm; stator 200mm (adjustable as required)	
Operating temperature	-20°C ~ +80°C	
Operating humidity	0 ~ 85%RH	
Protection level	IP51	
Shell material	Engineering Plastics	
Rotational torque	0.05N.m,+0.01N.m/6-way	
Service life	500,000 rpm	

Color code table for each loop conductor

Loop	1	2	3	4	5	6	7	8	9	10	11	12
Color	black	brown	red	orange	yellow	green	blue	Purple	grey	White	White and red	Light blue
Note: 12 colors form a group, loop 1 to 12, the next group repeats the first 12 colors, each group is distinguished by a number tube as the group number												

WX12 Miniature Flange Slip Ring Series

The outer diameter is 12.4mm, and it is mainly used for conductive slip ring products designed for small and medium-sized equipment such as high-speed balls, children's smart toys, stage lights, drones, and pan/tilts that require 360-degree rotation for conducting electricity or transmitting control signals.



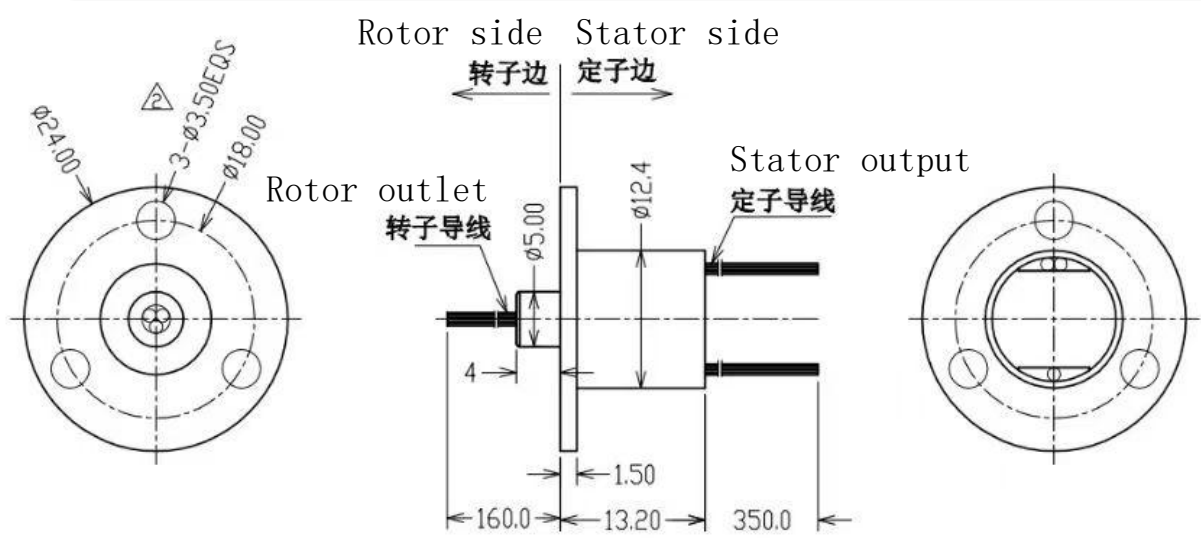
Ordering Model Description

	WX12	4PS
WX: Micro cap type slip ring		
1 2: The outer diameter of the slip ring is 12.4mm		
		4PS: 4P means 4-way power supply, S means 2A current

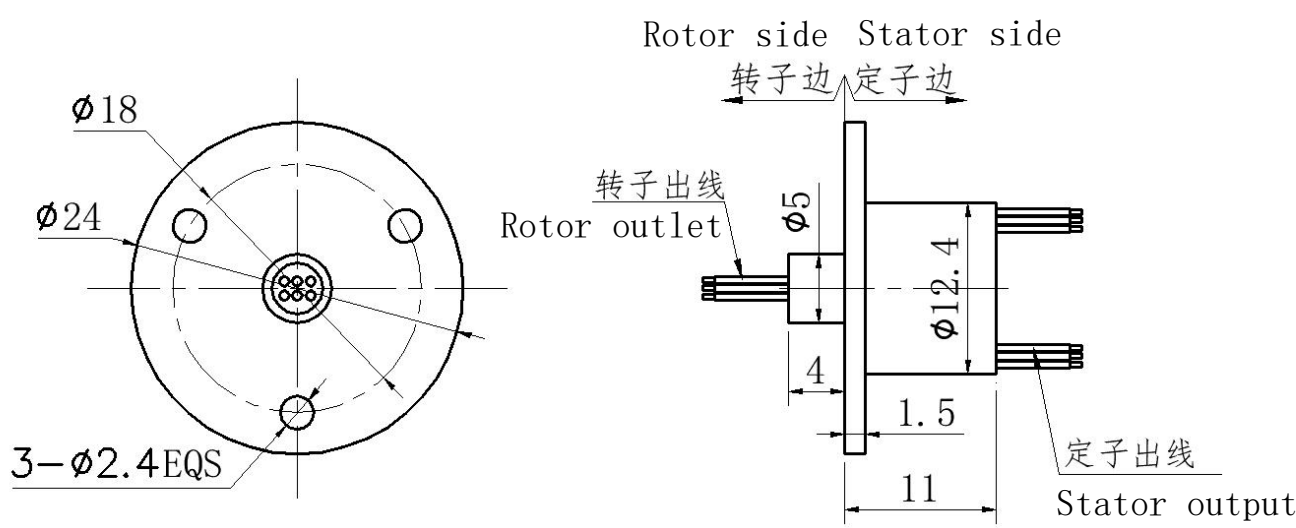
Standard Model Selection Table

Model	Circuit	Current	Length
WX12-3P02	3-way	2A	13.2mm
WX12-4PS	4-way	2A	11mm
WX12-6PS	6-way	2A	13.2mm
WX12-8PS	8-way	2A	15.4mm
WX12-12PS	12-way	2A	19.8mm
WX12-18PS	18-way	2A	23.9mm

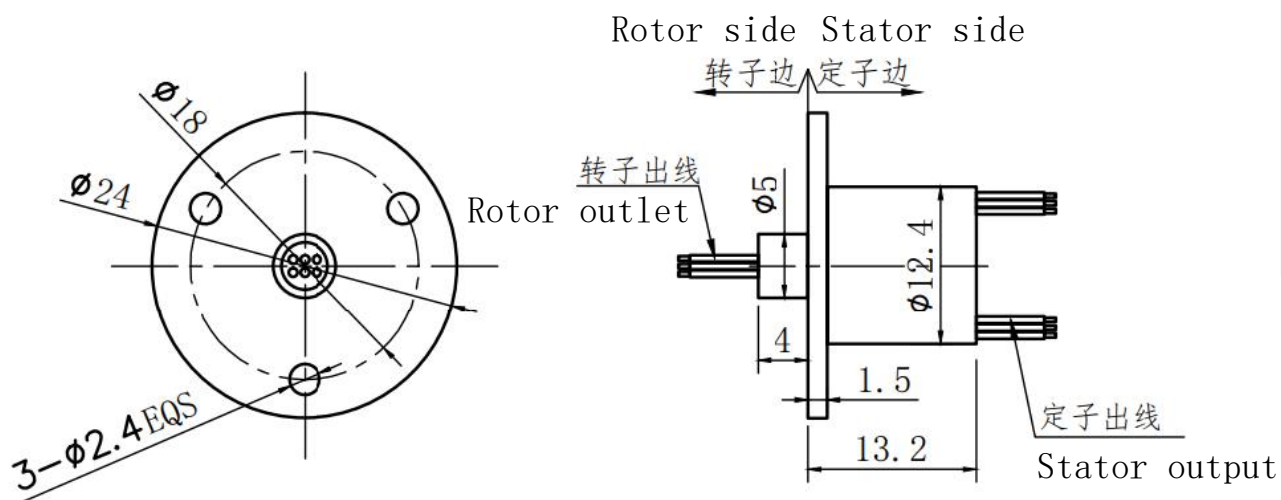
Standard product size drawings



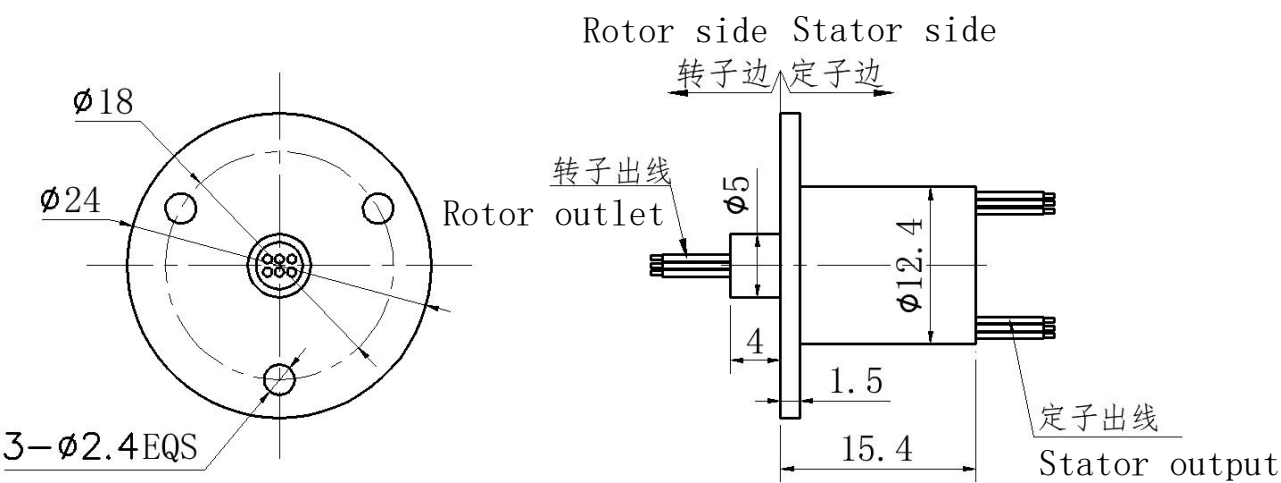
Model	Electrical Path	Voltage	Speed	Wire Specifications	Wire length
WX12-3P02	3-way 2A	0-240V	150RPM	AWG24# Teflon wire	Rotor 150mm Stator 200mm



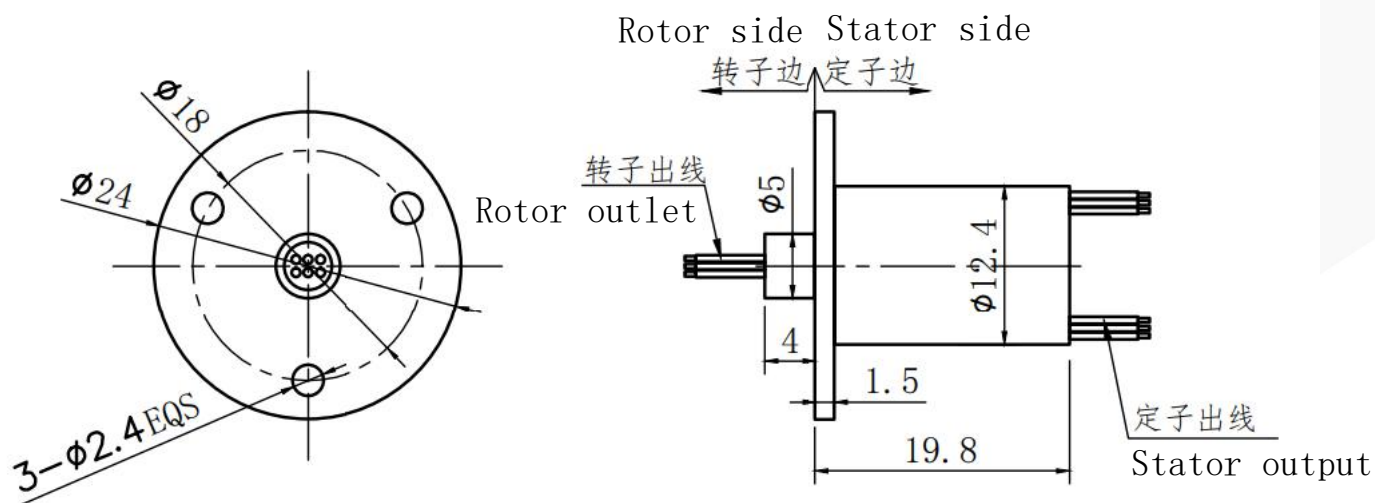
Model	Electrical Path	Voltage	Speed	Wire Specifications	Wire length
WX12-4PS	4-way 2A	0-240V	150RPM	AWG28# Teflon wire	Rotor 250mm Stator 250mm



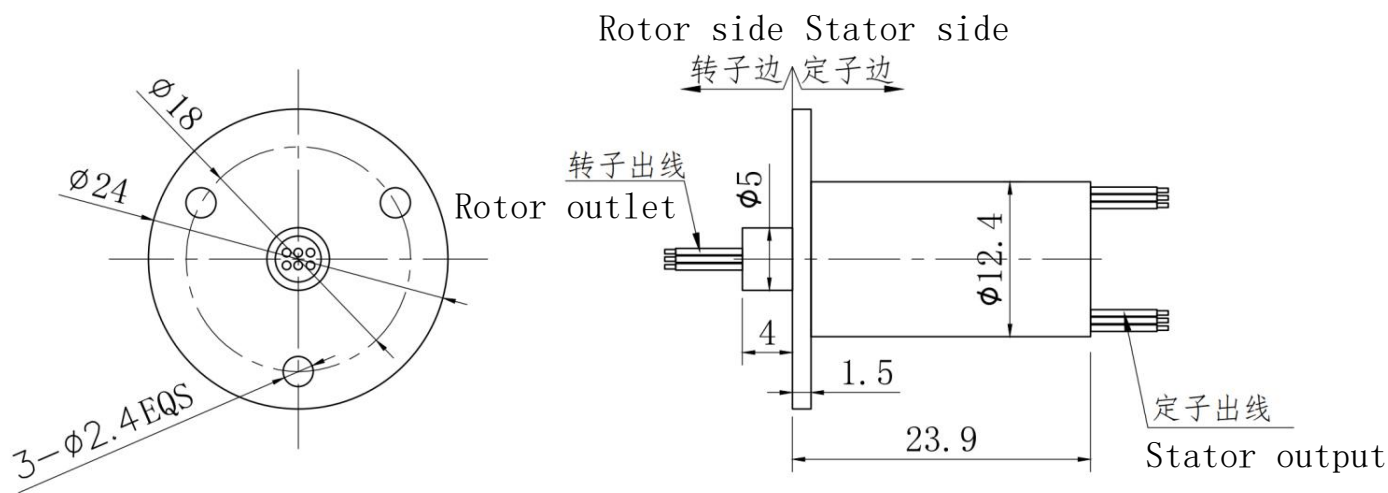
Model	Electrical Path	Voltage	Speed	Wire Specifications	Wire length
WX12-6PS	6-way 2A	0-240V	150RPM	AWG28# Teflon wire	Rotor 250mm Stator 250mm



Model	Electrical Path	Voltage	Speed	Wire Specifications	Wire length
WX12-8PS	8-way 2A	0-240V	150RPM	AWG28# Teflon wire	Rotor 250mm Stator 250mm



Model	Electrical Path	Voltage	Speed	Wire Specifications	Wire length
WX12-12PS	12-way 2A	0-240V	150RPM	AWG28# Teflon wire	Rotor 250mm Stator 250mm



Model	Electrical Path	Voltage	Speed	Wire Specifications	Wire length
WX12-18PS	18-way 2A	0-240V	150RPM	AWG28# Teflon wire	Rotor 250mm Stator 250mm

Technical Specifications

Parameter name	Parameter Value
Dielectric strength	300VCA@50Hz, 60s
Insulation resistance	≥500MΩ/300VDC
Dynamic resistance change value	< 10mΩ
Rated voltage	0 ~ 240VDC/VAC
Wire Specifications	28AWG Teflon wire (except WX-3P02)
Wire length	Rotor 250mm; stator 250mm (reference value, specific size depends on the actual specifications)
Operating temperature	-20°C ~ +80°C
Operating humidity	0 ~ 85%RH
Protection level	IP51
Shell material	Engineering Plastics
Rotational torque	0.05N.m,+0.01N.m/6-way
Service life	2 million rpm

Color code table for each loop conductor

[illegible]

WX15 Micro Flange Slip Ring Series

The outer diameter is 15.5mm, and it is mainly used for conductive slip ring products designed for small and medium-sized equipment such as high-speed balls, children's smart toys, stage lights, drones, and pan/tilts that require 360-degree rotation for conducting electricity or transmitting control signals.



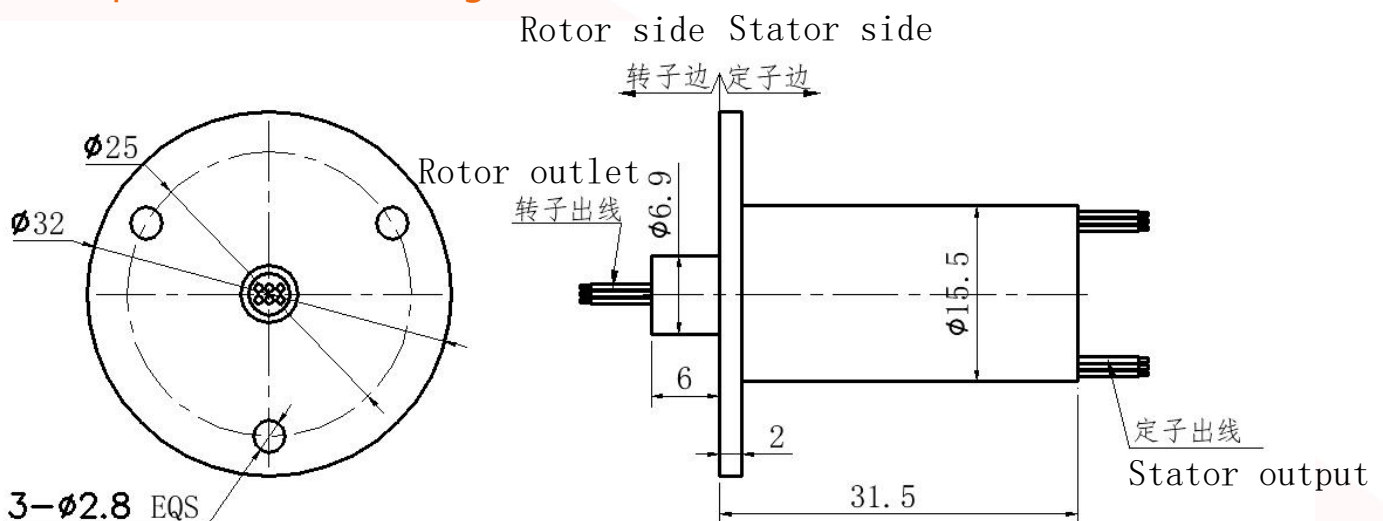
Ordering Model Description

	WX15	24PS
WX: Micro cap type slip ring		
15: The outer diameter of the slip ring is 15.5mm		
		24PS: 24P means 24 circuits, S means 2A current

Standard Model Selection Table

Model	Circuit	Current	Length
WX15-24PS	24-way	2A	31.5mm

Standard product size drawings



Model	Electrical Path	Voltage	Speed	Wire Specifications	Wire length
WX15-24PS	24-way 2A	0-240V	150RPM	AWG28# Teflon wire	Rotor 250mm Stator 250mm

Technical Specifications

Parameter name	Parameter Value
Dielectric strength	300VCA@50Hz, 60s
Insulation resistance	≥500MΩ/300VDC
Dynamic resistance change value	< 10mΩ
Rated voltage	0 ~ 240VDC/VAC
Wire Specifications	28AWG Teflon wire
Wire length	Rotor 250mm; stator 250mm (reference value, specific size depends on the actual specifications)
Operating temperature	-20°C ~ +80°C
Operating humidity	0 ~ 85%RH
Protection level	IP51
Shell material	Engineering Plastics
Rotational torque	0.05N.m,+0.01N.m/6-way
Service life	2 million rpm

Color code table for each loop conductor

Loop	1	2	3	4	5	6	7	8	9	10	11	12
Color	black	brown	red	orange	yellow	green	blue	Purple	grey	White	White and red	Light blue
Note: 12 colors form a group, loop 1 to 12, the next group repeats the first 12 colors, each group is distinguished by a number tube as the group number												

WX22 Micro Flange Slip Ring Series

The outer diameter is 22mm, and it is mainly used for conductive slip ring products designed for small and medium-sized equipment such as high-speed balls, children's smart toys, stage lights, drones, and pan/tilts that require 360-degree rotation for conducting electricity or transmitting control signals.



Ordering Model Description

WX22 - 6PS

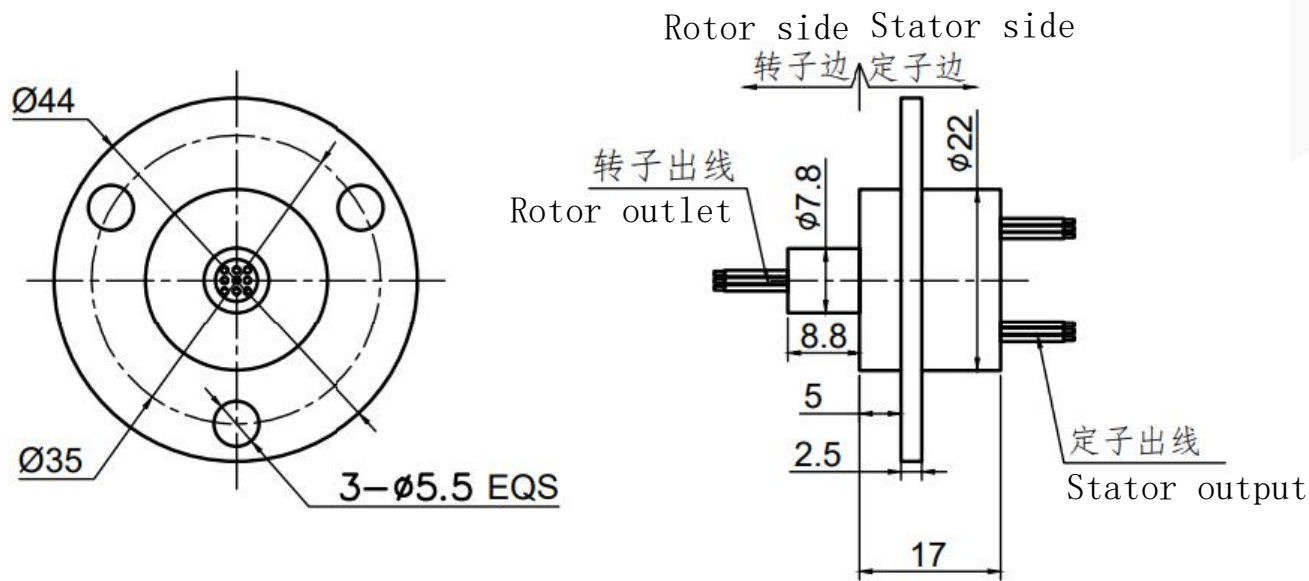
WX: Micro cap type slip ring
22: The outer diameter of the slip ring is 22mm

6PS: 6P means 6circuits, S means 2A current

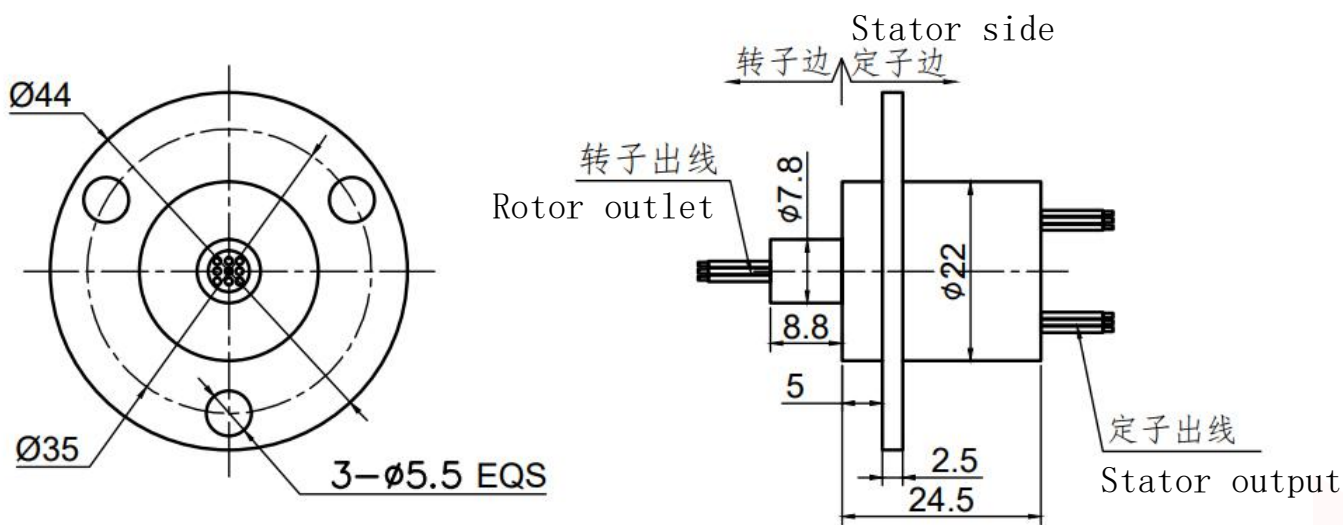
Standard Model Selection Table

Model	Circuit	Current	Length
WX22-6PS	6-way	2A	17mm
WX22-12PS	12-way	2A	24.5mm
WX22-18PS	18-way	2A	31.9mm
WX22-24PS	24-way	2A	39.6mm
WX22-36PS	36-way	2A	54.5mm

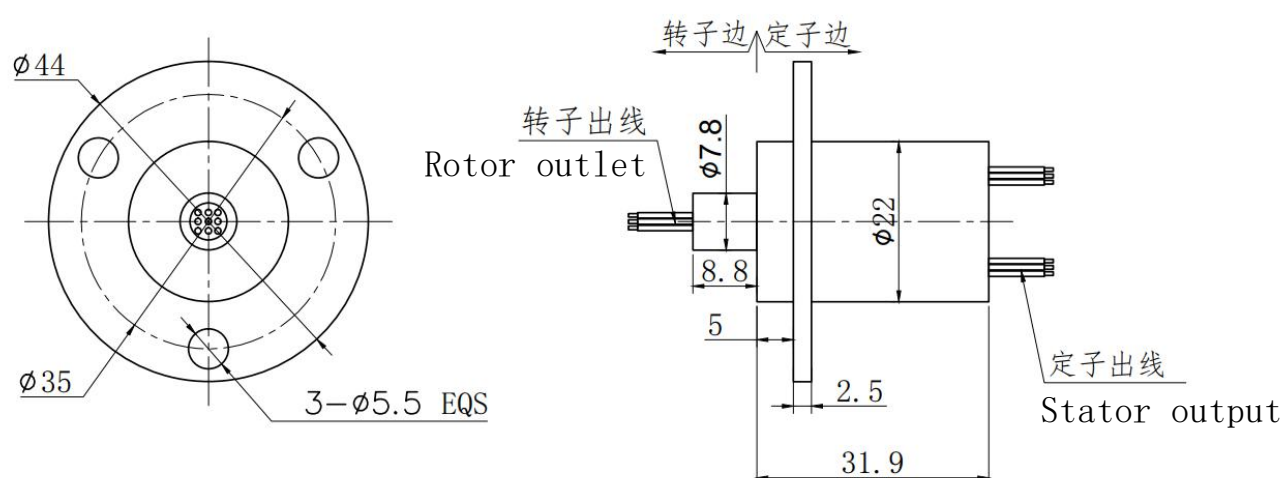
Standard product size drawings



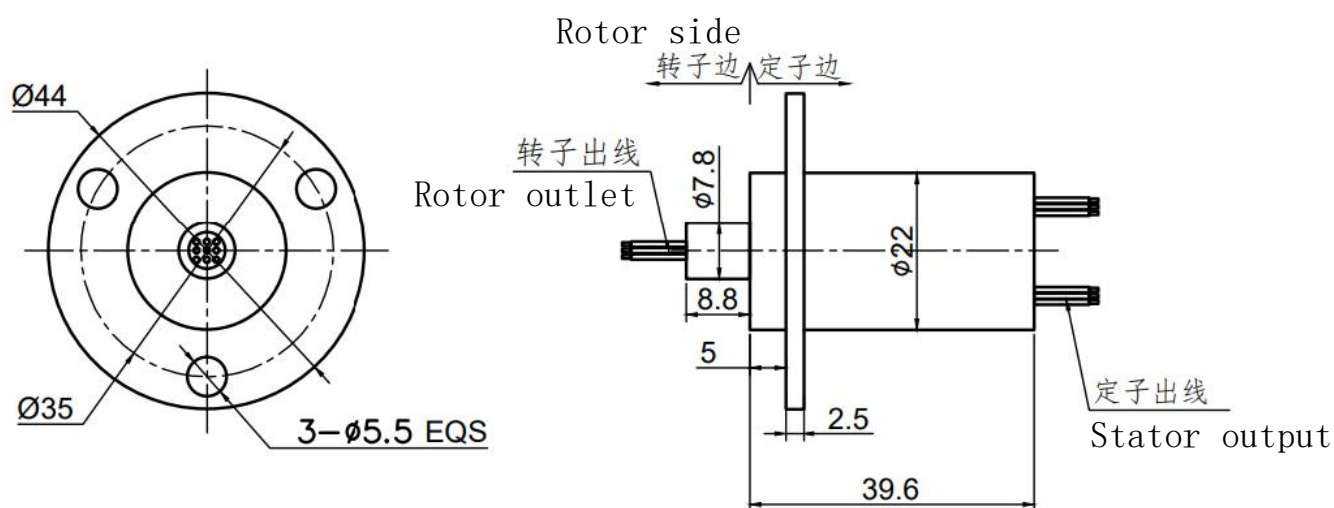
Model	Electrical Path	Voltage	Speed	Wire Specifications	Wire length
WX22-6PS	6-way 2A	0-240V	150RPM	AWG26# Teflon wire	Rotor 250mm Stator 250mm



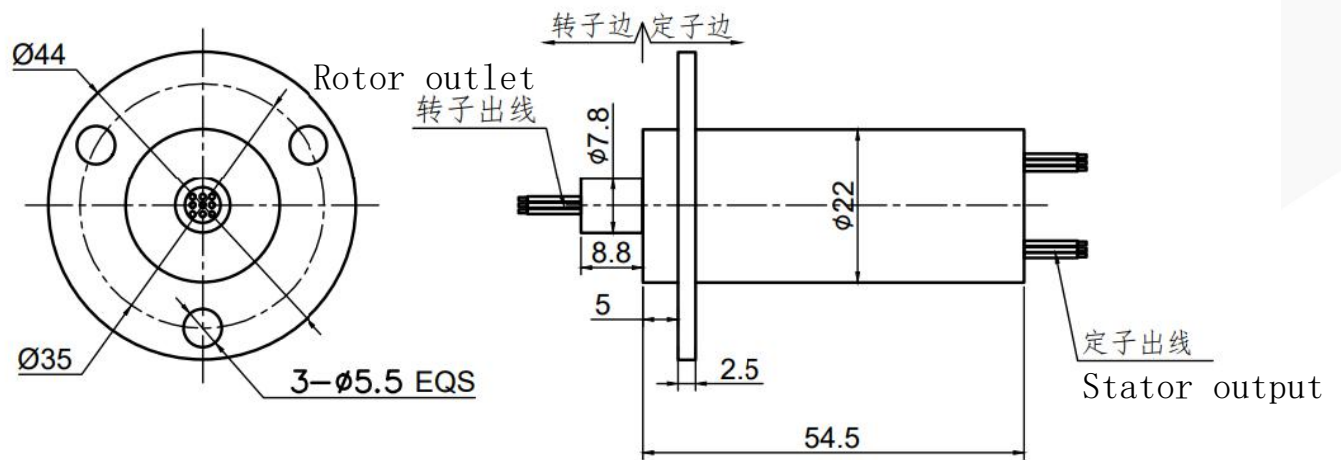
Model	Electrical Path	Voltage	Speed	Wire Specifications	Wire length
WX22-12PS	12-way 2A	0-240V	150RPM	AWG26# Teflon wire	Rotor 250mm Stator 250mm



Model	Electrical Path	Voltage	Speed	Wire Specifications	Wire length
WX22-18PS	18-way 2A	0-240V	150RPM	AWG26# Teflon wire	Rotor 250mm Stator 250mm



Model	Electrical Path	Voltage	Speed	Wire Specifications	Wire length
WX22-24PS	24-way 2A	0-240V	150RPM	AWG26# Teflon wire	Rotor 250mm Stator 250mm



Model	Electrical Path	Voltage	Speed	Wire Specifications	Wire length
WX22-36PS	36-way 2A	0-240V	150RPM	AWG28# Teflon wire	Rotor 250mm Stator 250mm

Technical Specifications

Parameter name	Parameter Value
Dielectric strength	300VCA@50Hz, 60s
Insulation resistance	≥500MΩ/300VDC
Dynamic resistance change value	< 10mΩ
Rated voltage	0 ~ 240VDC/VAC
Wire Specifications	26AWG Teflon wire (except WX22-36PS)
Wire length	Rotor 250mm; stator 250mm (reference value, specific size depends on the actual specifications)
Operating temperature	-20°C ~ +80°C
Operating humidity	0 ~ 85%RH
Protection level	IP51
Shell material	Engineering Plastics
Rotational torque	0.05N.m, +0.01N.m/6-way
Service life	2 million rpm

Color code table for each loop conductor

Loop	1	2	3	4	5	6	7	8	9	10	11	12
Color	black	brown	red	orange	yellow	green	blue	Purple	grey	White	White and red	Light blue
Note: 12 colors form a group, loop 1 to 12, the next group repeats the first 12 colors, each group is distinguished by a number tube as the group number												

WX25 Micro Flange Slip Ring Series

The outer diameter is 25mm, and it is mainly used for conductive slip ring products designed for small and medium-sized equipment such as high-speed balls, children's smart toys, stage lights, drones, and pan/tilts that require 360-degree rotation for conducting electricity or transmitting control signals.

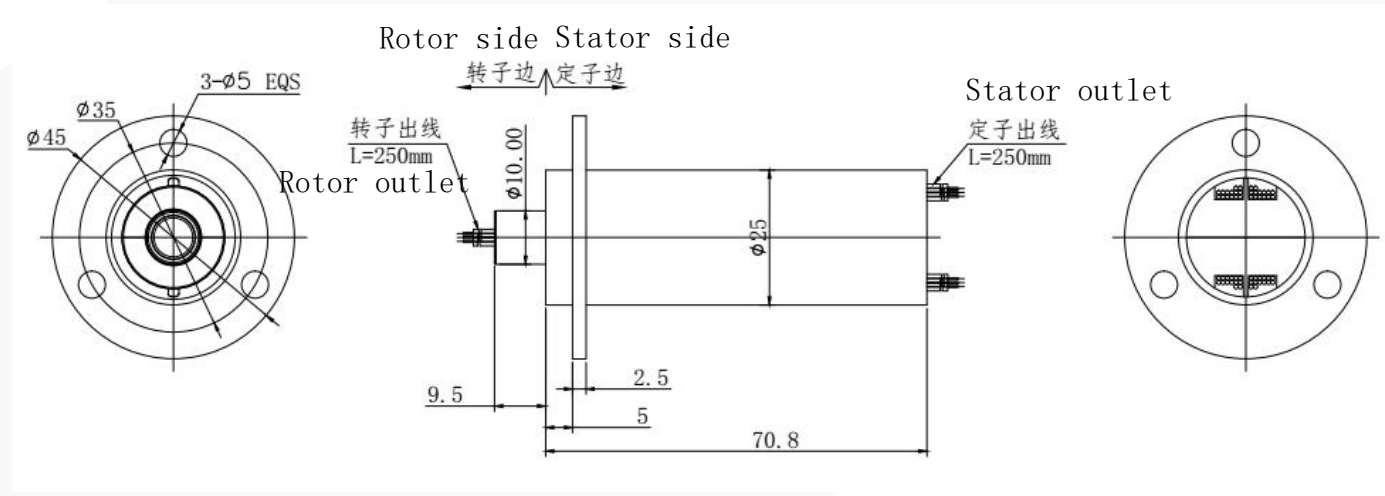
Ordering Model Description

WX25		-	45PS
WX: Micro cap type slip ring			
25: The outer diameter of the slip ring is 25mm			45PS: 45P means 45circuits, S means 2A current

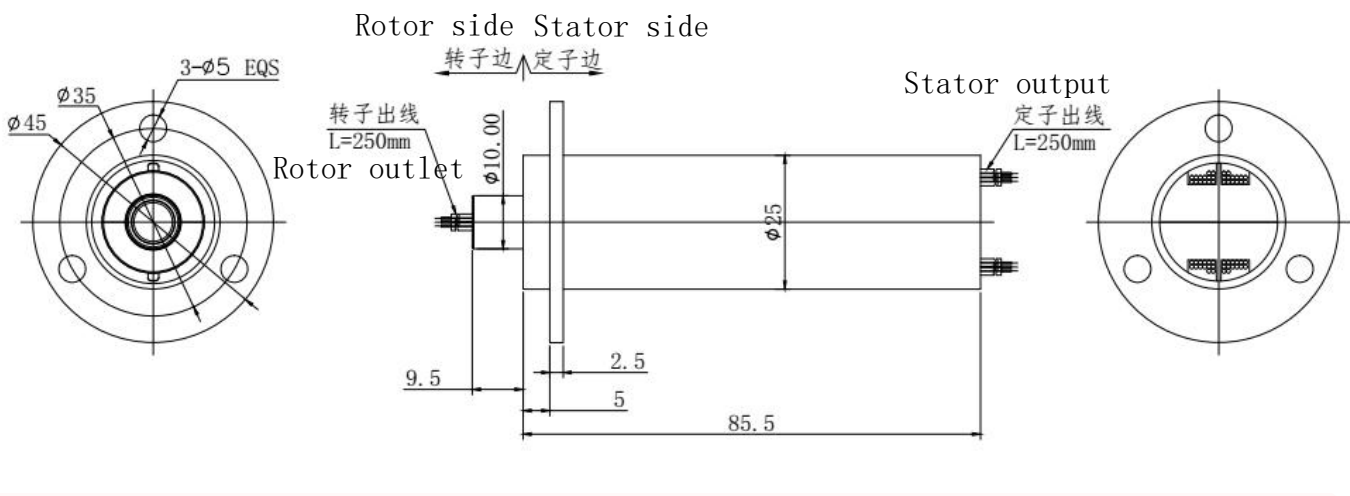
Standard Model Selection Table

Model	Circuit	Current	Housing material	Length
WX25-45PS	45-way	2A	Aluminum alloy	70.8mm
WX25-56PS	56-way	2A	Aluminum alloy	85.5mm

Standard product size drawings



Model	Electrical Path	Voltage	Speed	Wire Specifications	Wire length
WX25-45PS	45-way 2A	0-240V	250RPM	AWG28# Teflon wire	Rotor 250mm Stator 250mm



Model	Electrical Path	Voltage	Speed	Wire Specifications	Wire length
WX25-56PS	56-way 2A	0-240V	250RPM	AWG28# Teflon wire	Rotor 250mm Stator 250mm

Technical Specifications

Parameter name	Parameter Value
Dielectric strength	300VCA@50Hz, 60s
Insulation resistance	≥500MΩ/300VDC
Dynamic resistance change value	< 10mΩ
Rated voltage	0 ~ 240VDC/VAC
Wire Specifications	28AWG Teflon wire
Wire length	Rotor 250mm; stator 250mm (reference value, specific size depends on the actual specifications)
Operating temperature	-20°C ~ +80°C
Operating humidity	0 ~ 85%RH
Protection level	IP51
Shell material	Engineering Plastics
Rotational torque	0.05N.m,+0.01N.m/6-way
Service life	2 million rpm

Color code table for each loop conductor

Loop	1	2	3	4	5	6	7	8	9	10	11	12
Color	black	brown	red	orange	yellow	green	blue	Purple	grey	White	White and red	Light blue
Note: 12 colors form a group, loop 1 to 12, the next group repeats the first 12 colors, each group is distinguished by a number tube as the group number												

5A, 10A, 20A high current flange slip ring series

The outer diameters are 12.4mm and 22mm, and they are mainly used for conductive slip rings designed for small and medium-sized equipment such as high-speed balls, children's smart toys, stage lights, drones, and pan/tilts that require 360-degree rotation for conducting electricity or transmitting control signals.

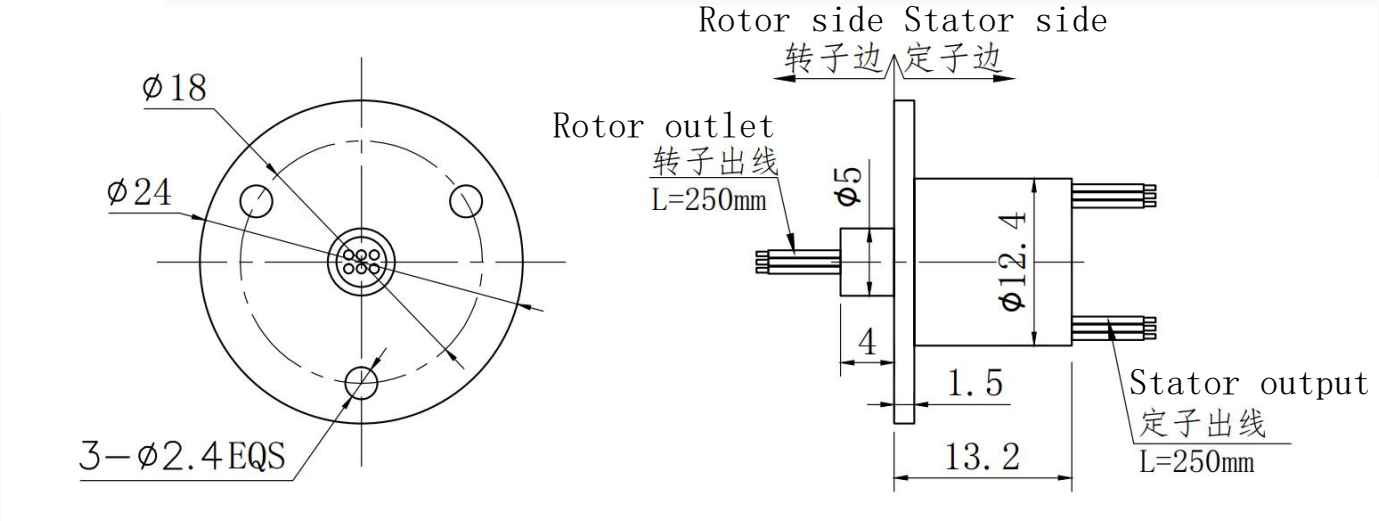
Ordering Model Description

	WX12	4P05
WX: Micro cap-type conductive slip ring		
1 2: The OD of the slip ring is 12.4mm		
2 2: The OD of the slip ring is 22mm		
		4P05: 4P means 4-way power, 05 means 5A current

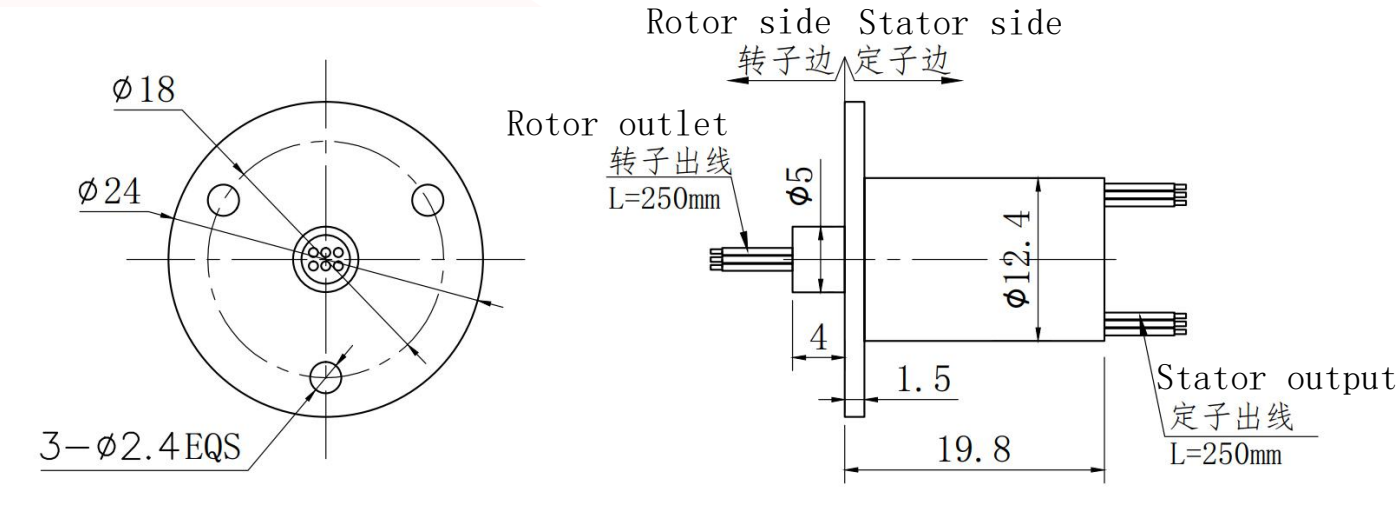
Standard Model Selection Table

Model	Circuit	Current	Length
WX12-2P05	2-way	5A	13.2mm
WX12-4P05	4-way	5A	19.8mm
WX22-8P05	8-way	5A	31.9mm
WX22-2P10	2-way	10A	24.5mm
WX22-3P10	3-way	10A	31.9mm
WX22-4P10	4-way	10A	39.6mm
WX22-2P20	2-way	20A	39.6mm
WX22-3P20	3-way	20A	39.6mm

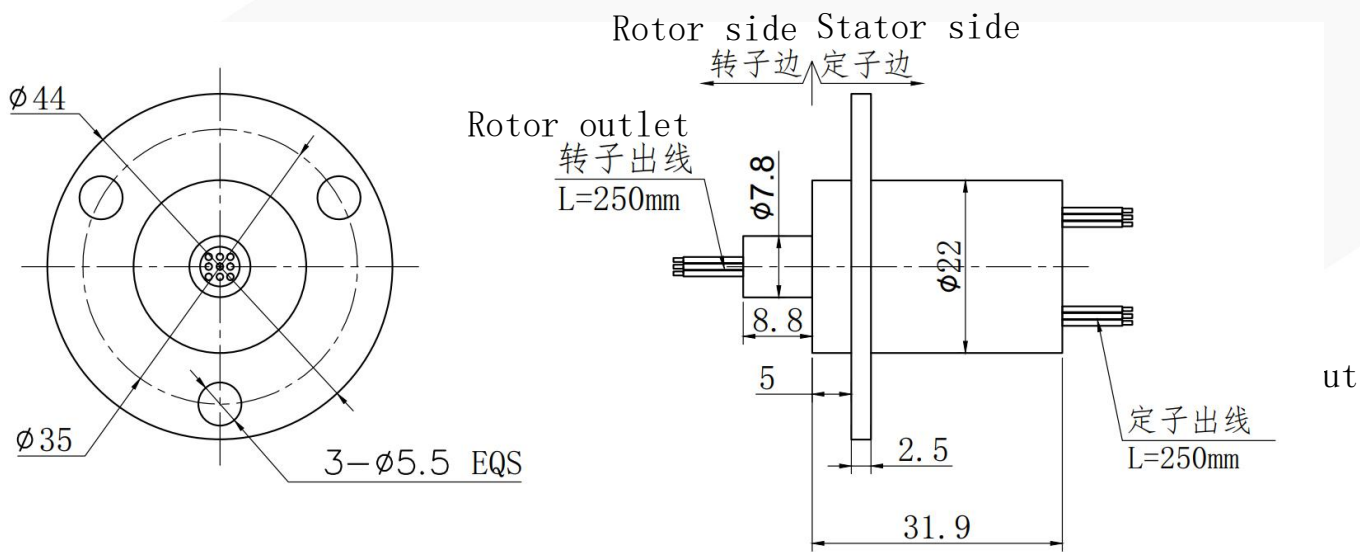
Standard product size drawings



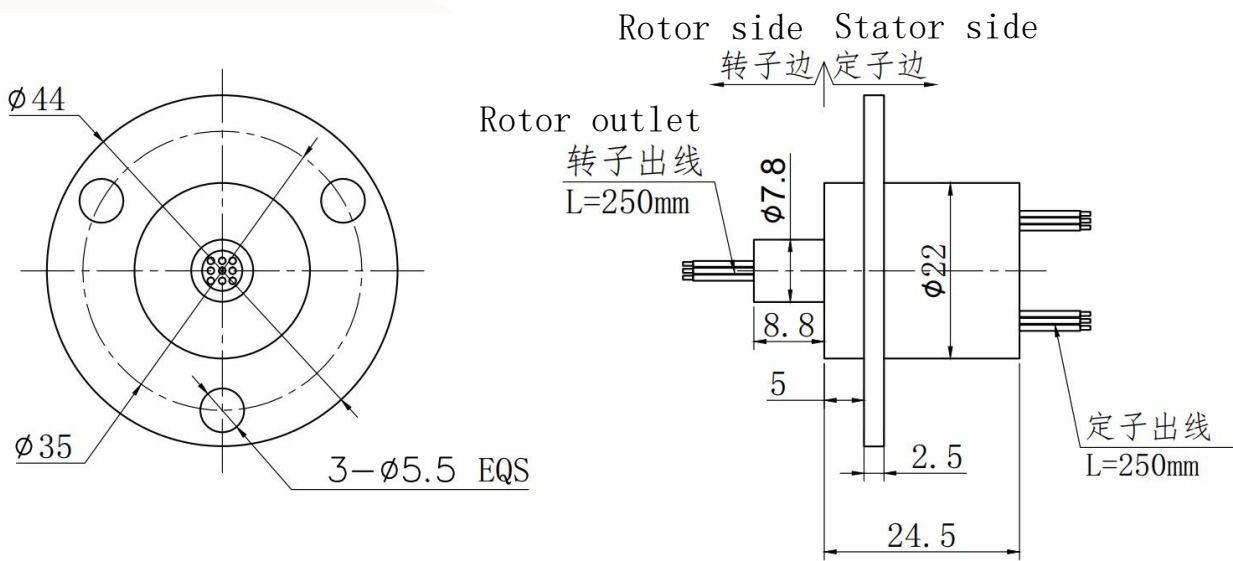
Model	Electrical Path	Voltage	Speed	Wire Specifications	Wire length
WX12-2P05	2-way 5A	0-240V	150RPM	AWG22# Teflon wire	Rotor 250mm Stator 250mm



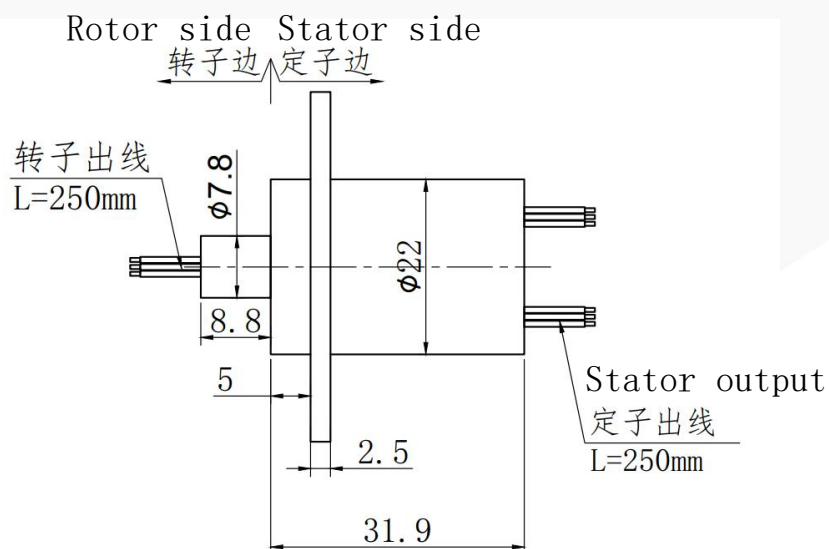
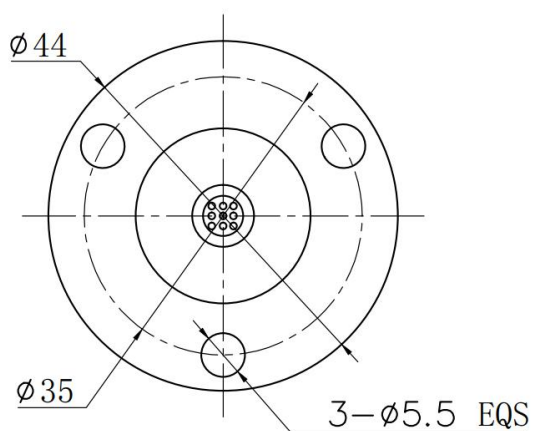
Model	Electrical Path	Voltage	Speed	Wire Specifications	Wire length
WX12-4P05	4-way 5A	0-240V	150RPM	AWG22# Teflon wire	Rotor 250mm Stator 250mm



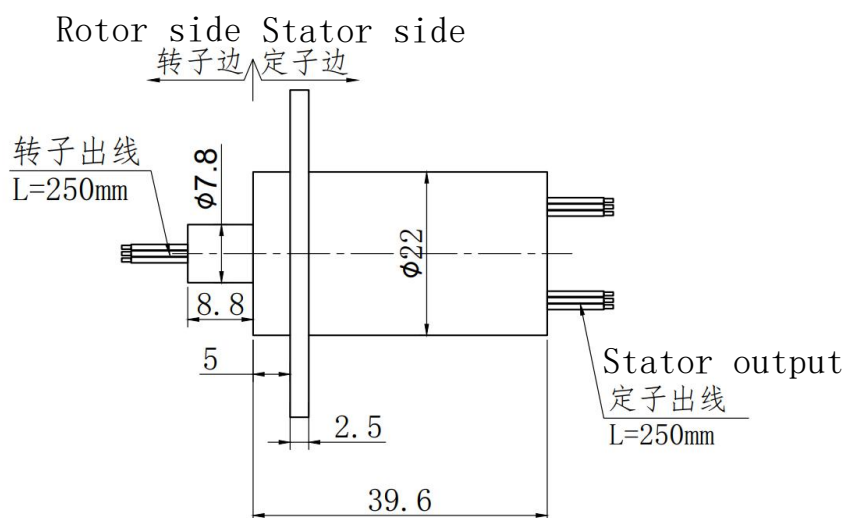
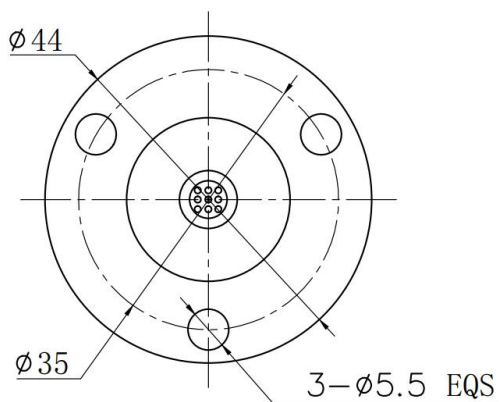
Model	Electrical Path	Voltage	Speed	Wire Specifications	Wire length
WX22-8P05	8-way 5A	0-240V	150RPM	AWG22# Teflon wire	Rotor 250mm Stator 250mm



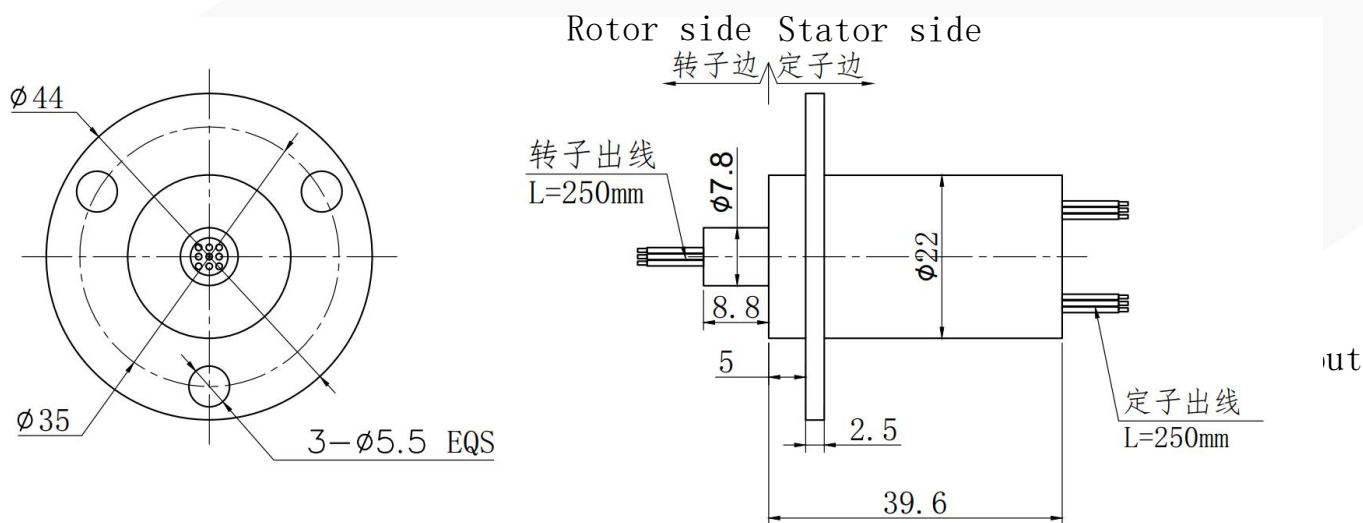
Model	Electrical Path	Voltage	Speed	Wire Specifications	Wire length
WX22-2P10	2-way 10A	0-240V	150RPM	AWG17# Teflon wire	Rotor 250mm Stator 250mm



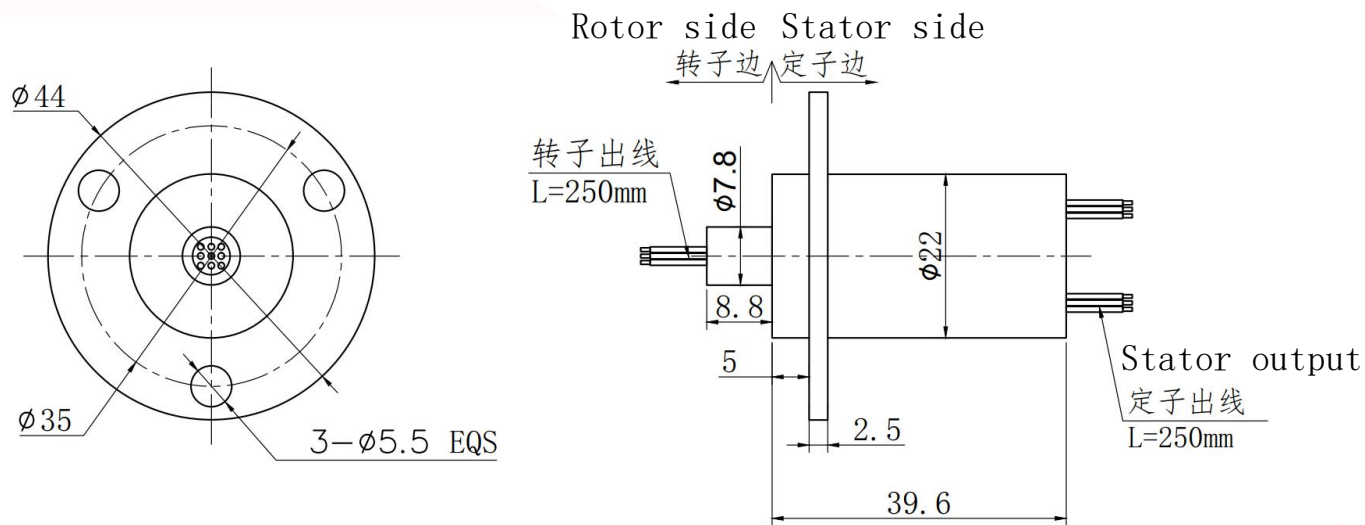
Model	Electrical Path	Voltage	Speed	Wire Specifications	Wire length
WX22-3P10	3-way 10A	0-240V	150RPM	AWG17# Teflon wire	Rotor 250mm Stator 250mm



Model	Electrical Path	Voltage	Speed	Wire Specifications	Wire length
WX22-4P10	4-way 10A	0-240V	150RPM	AWG17# Teflon wire	Rotor 250mm Stator 250mm



Model	Electrical Path	Voltage	Speed	Wire Specifications	Wire length
WX22-2P20	2-way 20A	0-240V	150RPM	AWG17# Teflon wire	Rotor 250mm Stator 250mm



Model	Electrical Path	Voltage	Speed	Wire Specifications	Wire length
WX22-3P20	3-way 20A	0-240V	150RPM	AWG17# Teflon wire	Rotor 250mm Stator 250mm

Technical Specifications

Parameter name	Parameter Value
Dielectric strength	300VCA@50Hz, 60s
Insulation resistance	≥500MΩ/300VDC
Dynamic resistance change value	< 10mΩ
Rated voltage	0 ~ 240VDC/VAC
Wire Specifications	17AWG Teflon wire (select according to current size)
Wire length	Rotor 250mm; stator 250mm (reference value, specific size depends on the actual specifications)
Operating temperature	-20°C ~ +80°C
Operating humidity	0 ~ 85%RH
Protection level	IP51
Shell material	Engineering Plastics
Rotational torque	0.05N.m,+0.01N.m/6-way
Service life	2 million rpm

Color code table for each loop conductor

Loop	1	2	3	4	5	6	7	8	9	10	11	12
Color	black	brown	red	orange	yellow	green	blue	Purple	grey	White	White and red	Light blue
Note: 12 colors form a group, loop 1 to 12, the next group repeats the first 12 colors, each group is distinguished by a number tube as the group number												