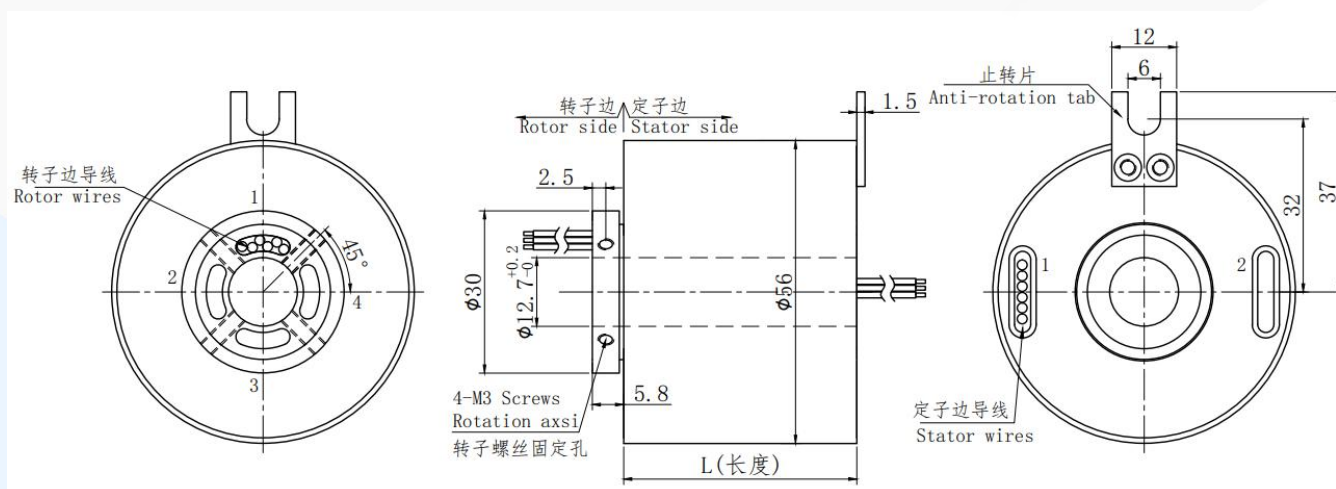


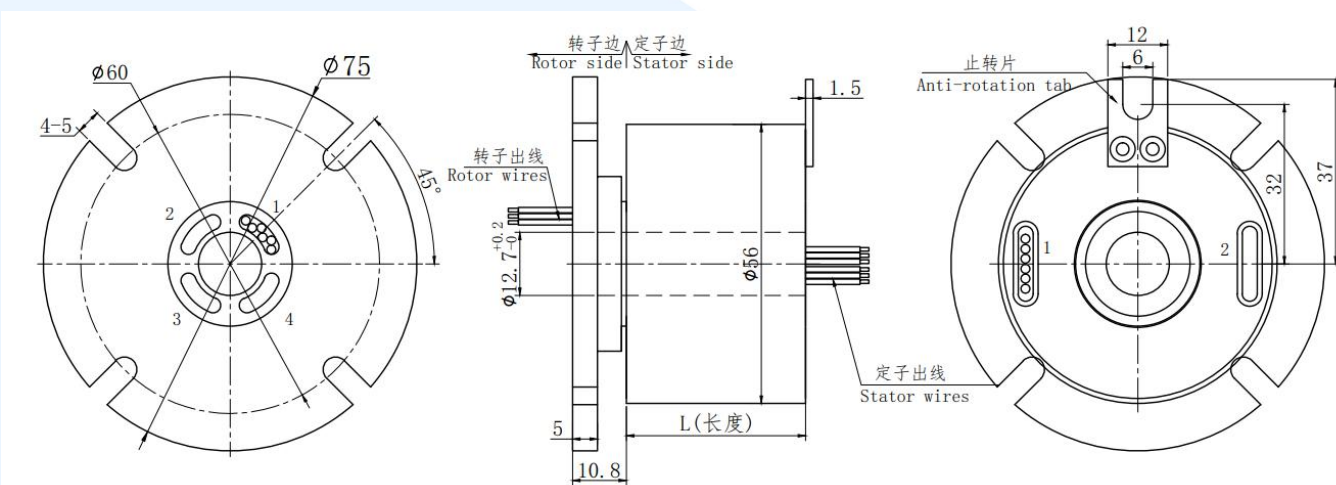
GK1256 series through hole slip ring

Standard integral precision conductive slip ring with
through hole diameter of 12.7mm (applicable to $\leq 12.7\text{mm}$)
and outer diameter of 56mm.

Note: If the hole diameter is less than 12.7mm, it can
be solved by using a liner sleeve.

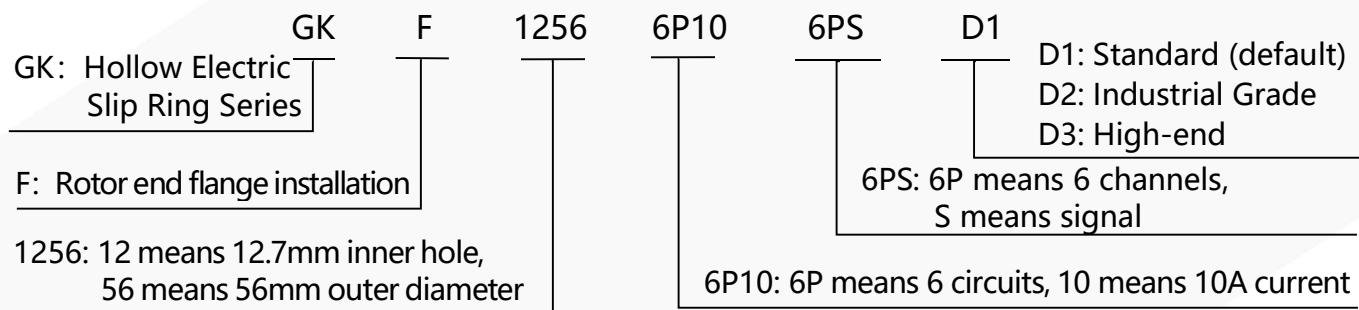


No flange dimensions



With flange dimensions

Ordering Model Description



Standard Model Selection Table

Model	Circuit/Current	Signal path number	Length
GK1256-6P05/10	6-way/5A、 10A	0	35.4mm
GK1256-12P05/10	12-way/5A、 10A	0	51.6mm
GK1256-18P05/10	18-way/5A、 10A	0	67.8mm
GK1256-24P05/10	24-way/5A、 10A	0	84mm
GK1256-36P05/10	36-way/5A、 10A	0	116.4mm
GKF1256-6P05/10	6-way/5A、 10A	0	35.4mm
GKF1256-12P05/10	12-way/5A、 10A	0	51.6mm
GKF1256-18P05/10	18-way/5A、 10A	0	67.8mm
GKF1256-24P05/10	24-way/5A、 10A	0	84mm
GKF1256-36P05/10	36-way/5A、 10A	0	116.4mm

Technical Specifications

Parameter name	Parameter Value	
	Power	Signal
Dielectric strength	800VCA@50Hz, 60s	300VCA@50Hz, 60s
Insulation resistance	≥1000MΩ/500VDC	≥1000MΩ/300VDC
Dynamic resistance change value	< 10mΩ	

Rated voltage	0 ~ 440VDC/VAC
Wire Specifications	AF200-17AWG Teflon wire (actually change the wire specifications according to the load conditions)
Wire length	Default 300mm (can be adjusted as required)
Operating temperature	0 ~ 85%RH
Operating humidity	-30°C ~ +80°C
Protection level	IP51
Shell material	Metal/engineering plastics
Rotational torque	0.1N.m,+0.03N.m/6-way

Product Grade Selection Table

Product grade code	Maximum speed	Working life	Contact material
D1 (General Grade)	250RPM	20 million rpm	Precious Metals
D2 (Industrial Grade)	800RPM	50 million rpm	Gold-plated
D3 (High-end)	1200RPM	80 million rpm	gold alloy

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												

Product customization request options

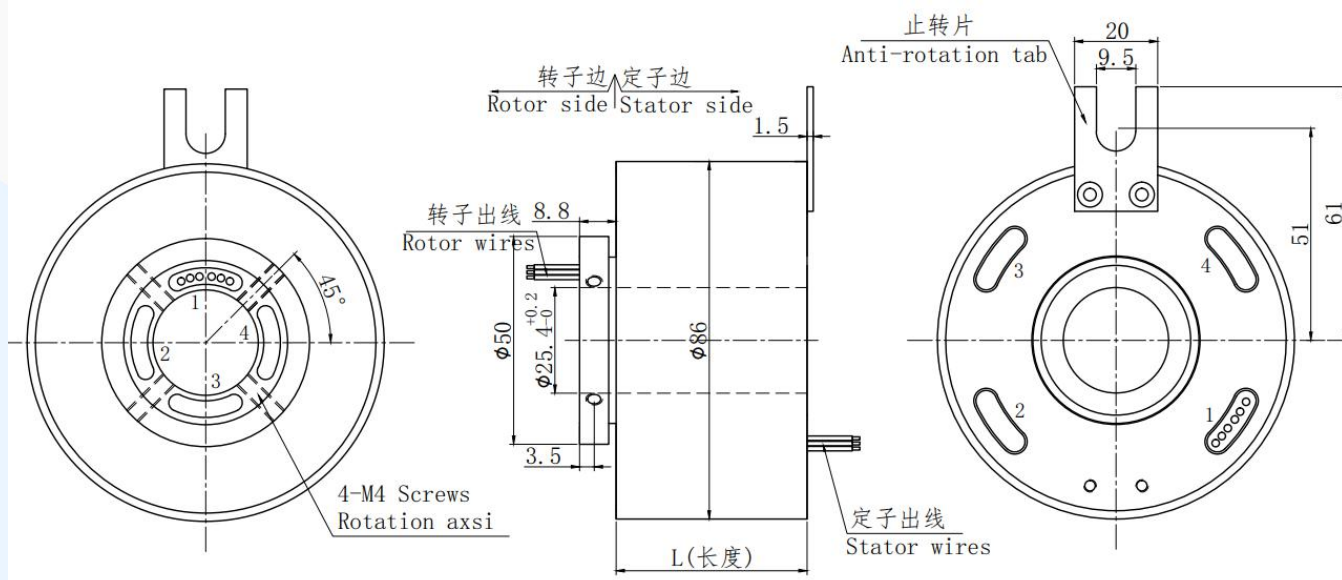
Mechanical structure	The rotor and stator lead-out method and lead-out length can be requested
	The inner diameter, outer diameter and length of the product can be requested
	The outlet wires can be connected to aviation plugs, terminals, heat shrink tubing, etc.

	The material used for the housing can be requested, such as stainless steel, insulating material, etc.
Usage Environment	High temperature slip rings for use in high temperature environments
	Waterproof slip rings are required in dust and water proof environments. The protection level can be IP65 or IP68.
	High-speed slip rings used in high-speed equipment, with a maximum speed of 10,000 rpm
Electrical properties	Any number of slip rings can be customized according to requirements, with a maximum of 200 lines.
	Various types of private server system signals, power lines, encoder lines and other hybrid slip rings can be customized
	Various types of high-speed data transmission slip rings can be customized, such as Ethernet, USB, RS232, CanBus and other industrial buses
	High current slip rings can be customized according to the current size
	High voltage slip rings can be customized according to voltage

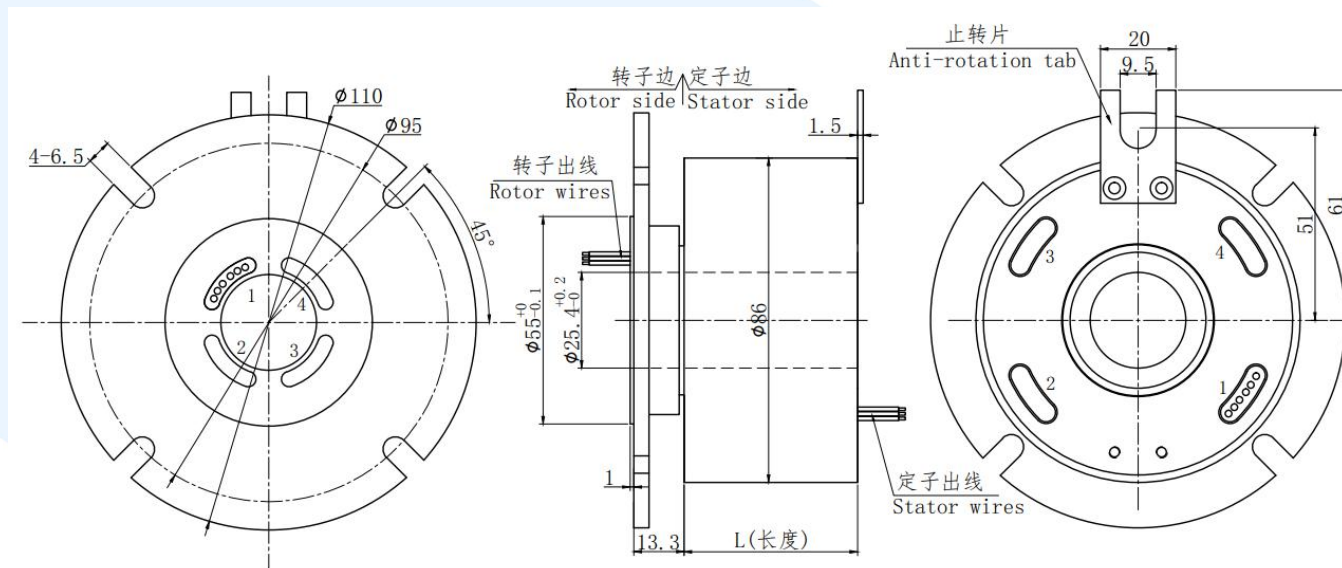
GK2586 series through hole slip ring

Standard integral precision conductive slip ring with
through hole diameter of 25.4mm (applicable to $\leq 25.4\text{mm}$)
and outer diameter of 86mm.

Note: If the hole diameter is less than 25.4mm, it can
be solved by using a liner sleeve.

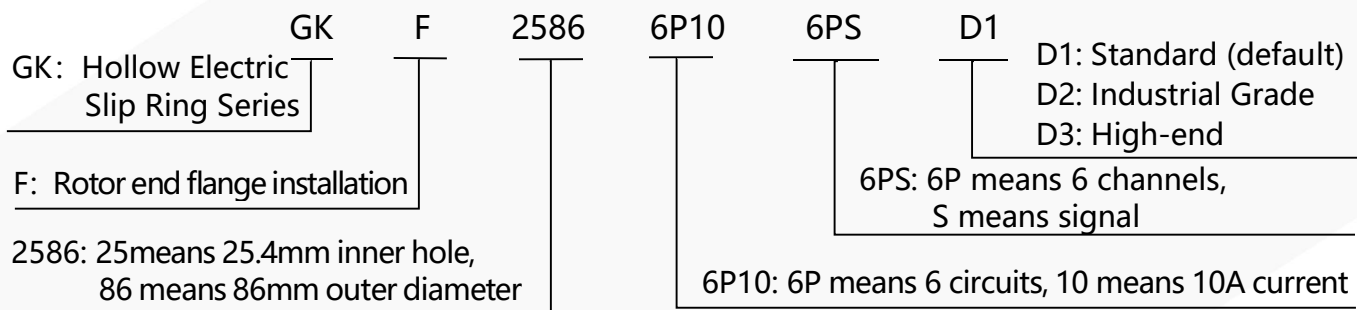


No flange dimensions



With flange dimensions

Ordering Model Description



Standard Model Selection Table

Model	Circuit/Current	Signal path number	Length
GK2586-6P05/10/20	6-way/5A、 10A、 20A	0	44.8mm
GK2586-12P05/10/20	12-way/5A、 10A、 20A	0	67.6mm
GK2586-18P05/10/20	18-way/5A、 10A、 20A	0	90.4mm
GK2586-24P05/10/20	24-way/5A、 10A、 20A	0	113.2mm
GK2586-36P05/10/20	36-way/5A、 10A、 20A	0	158.8mm
GKF2586-6P05/10/20	6-way/5A、 10A、 20A	0	44.8mm
GKF2586-12P05/10/20	12-way/5A、 10A、 20A	0	67.6mm
GKF2586-18P05/10/20	18-way/5A、 10A、 20A	0	90.4mm
GKF2586-24P05/10/20	24-way/5A、 10A、 20A	0	113.2mm
GKF2586-36P05/10/20	36-way/5A、 10A、 20A	0	158.8mm

Technical Specifications

Parameter name	Parameter Value	
	Power	Signal
Dielectric strength	800VCA@50Hz, 60s	300VCA@50Hz, 60s
Insulation resistance	≥1000MΩ/500VDC	≥1000MΩ/300VDC
Dynamic resistance change value	< 10mΩ	

Rated voltage	0 ~ 440VDC/VAC
Wire Specifications	AF200-17AWG Teflon wire (actually change the wire specifications according to the load conditions)
Wire length	Default 300mm (can be adjusted as required)
Operating temperature	0 ~ 85%RH
Operating humidity	-30°C ~ +80°C
Protection level	IP51
Shell material	Metal/engineering plastics
Rotational torque	0.1N.m,+0.03N.m/6-way

Product Grade Selection Table

Product grade code	Maximum speed	Working life	Contact material
D1 (General Grade)	250RPM	20 million rpm	Precious Metals
D2 (Industrial Grade)	800RPM	50 million rpm	Gold-plated
D3 (High-end)	1200RPM	80 million rpm	gold alloy

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												

Product customization request options

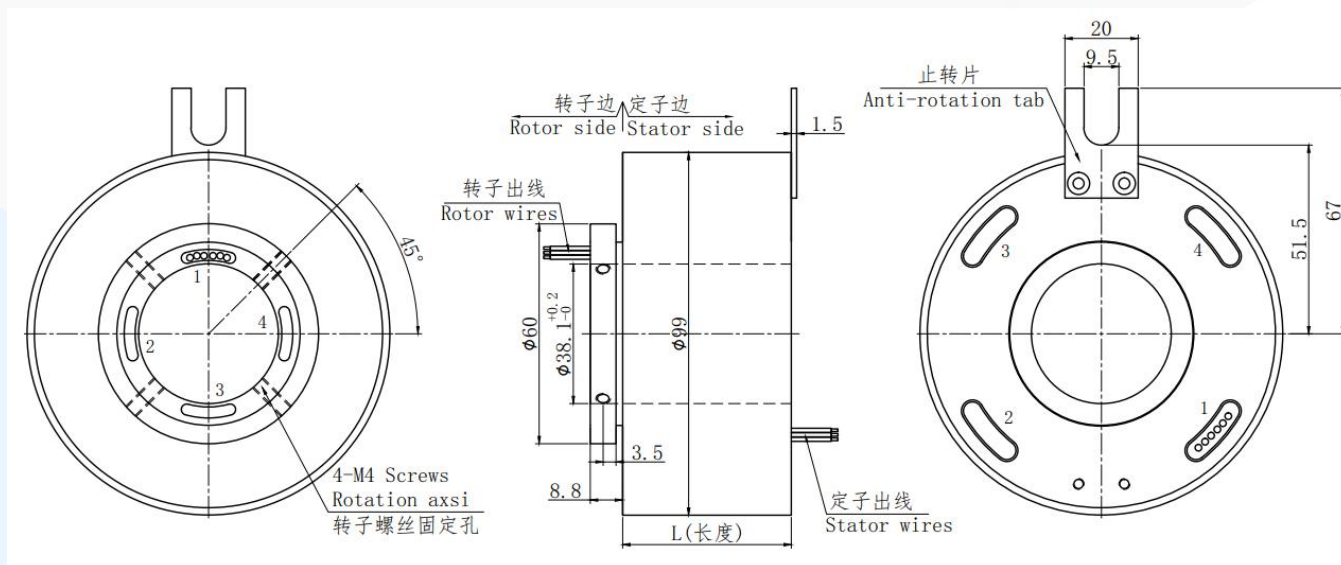
Mechanical structure	The rotor and stator lead-out method and lead-out length can be requested
	The inner diameter, outer diameter and length of the product can be requested
	The outlet wires can be connected to aviation plugs, terminals, heat shrink tubing, etc.

	The material used for the housing can be requested, such as stainless steel, insulating material, etc.
Usage Environment	High temperature slip rings for use in high temperature environments
	Waterproof slip rings are required in dust and water proof environments. The protection level can be IP65 or IP68.
	High-speed slip rings used in high-speed equipment, with a maximum speed of 10,000 rpm
Electrical properties	Any number of slip rings can be customized according to requirements, with a maximum of 200 lines.
	Various types of private server system signals, power lines, encoder lines and other hybrid slip rings can be customized
	Various types of high-speed data transmission slip rings can be customized, such as Ethernet, USB, RS232, CanBus and other industrial buses
	High current slip rings can be customized according to the current size
	High voltage slip rings can be customized according to voltage

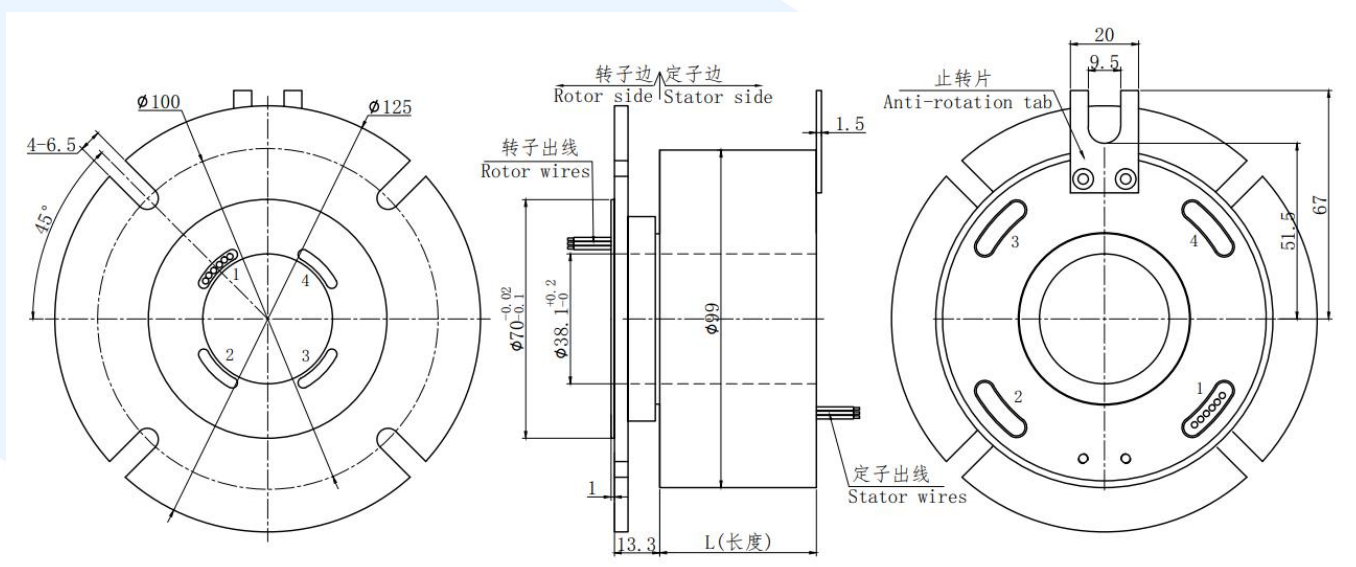
GK3899 series through hole slip ring

Standard integral precision conductive slip ring with
through hole diameter of 38.1mm (applicable to $\leq 38.1\text{mm}$)
and outer diameter of 99mm.

Note: If the hole diameter is less than 38.1mm, it can
be solved by using a liner sleeve.

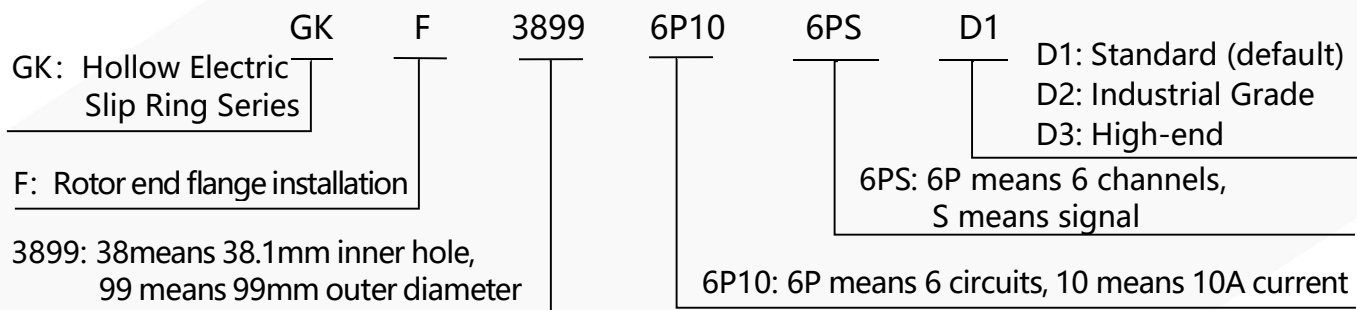


No flange dimensions



With flange dimensions

Ordering Model Description



Standard Model Selection Table

Model	Circuit/Current	Signal path number	Length
GK3899-6P05/10/20	6-way/5A、 10A、 20A	0	44.8mm
GK3899-12P05/10/20	12-way/5A、 10A、 20A	0	67.6mm
GK3899-18P05/10/20	18-way/5A、 10A、 20A	0	90.4mm
GK3899-24P05/10/20	24-way/5A、 10A、 20A	0	113.2mm
GK3899-36P05/10/20	36-way/5A、 10A、 20A	0	158.8mm
GKF3899-6P05/10/20	6-way/5A、 10A、 20A	0	44.8mm
GKF3899-12P05/10/20	12-way/5A、 10A、 20A	0	67.6mm
GKF3899-18P05/10/20	18-way/5A、 10A、 20A	0	90.4mm
GKF3899-24P05/10/20	24-way/5A、 10A、 20A	0	113.2mm
GKF3899-36P05/10/20	36-way/5A、 10A、 20A	0	158.8mm

Technical Specifications

Parameter name	Parameter Value	
	Power	Signal
Dielectric strength	800VCA@50Hz, 60s	300VCA@50Hz, 60s
Insulation resistance	≥1000MΩ/500VDC	≥1000MΩ/300VDC
Dynamic resistance change value	< 10mΩ	

Rated voltage	0 ~ 440VDC/VAC
Wire Specifications	AF200-17AWG Teflon wire (actually change the wire specifications according to the load conditions)
Wire length	Default 300mm (can be adjusted as required)
Operating temperature	0 ~ 85%RH
Operating humidity	-30°C ~ +80°C
Protection level	IP51
Shell material	Metal/engineering plastics
Rotational torque	0.1N.m,+0.03N.m/6-way

Product Grade Selection Table

Product grade code	Maximum speed	Working life	Contact material
D1 (General Grade)	250RPM	20 million rpm	Precious Metals
D2 (Industrial Grade)	800RPM	50 million rpm	Gold-plated
D3 (High-end)	1200RPM	80 million rpm	gold alloy

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												

Product customization request options

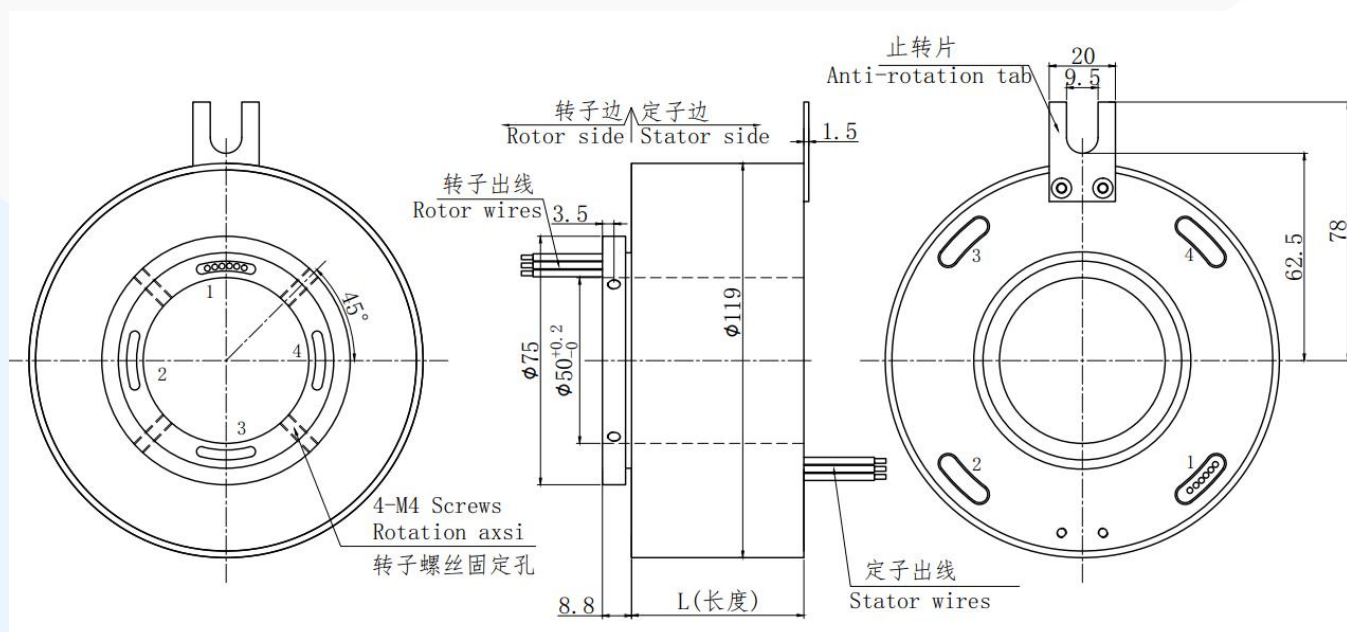
Mechanical structure	The rotor and stator lead-out method and lead-out length can be requested
	The inner diameter, outer diameter and length of the product can be requested
	The outlet wires can be connected to aviation plugs, terminals, heat shrink tubing, etc.

	The material used for the housing can be requested, such as stainless steel, insulating material, etc.
Usage Environment	High temperature slip rings for use in high temperature environments
	Waterproof slip rings are required in dust and water proof environments. The protection level can be IP65 or IP68.
	High-speed slip rings used in high-speed equipment, with a maximum speed of 10,000 rpm
Electrical properties	Any number of slip rings can be customized according to requirements, with a maximum of 200 lines.
	Various types of private server system signals, power lines, encoder lines and other hybrid slip rings can be customized
	Various types of high-speed data transmission slip rings can be customized, such as Ethernet, USB, RS232, CanBus and other industrial buses
	High current slip rings can be customized according to the current size
	High voltage slip rings can be customized according to voltage

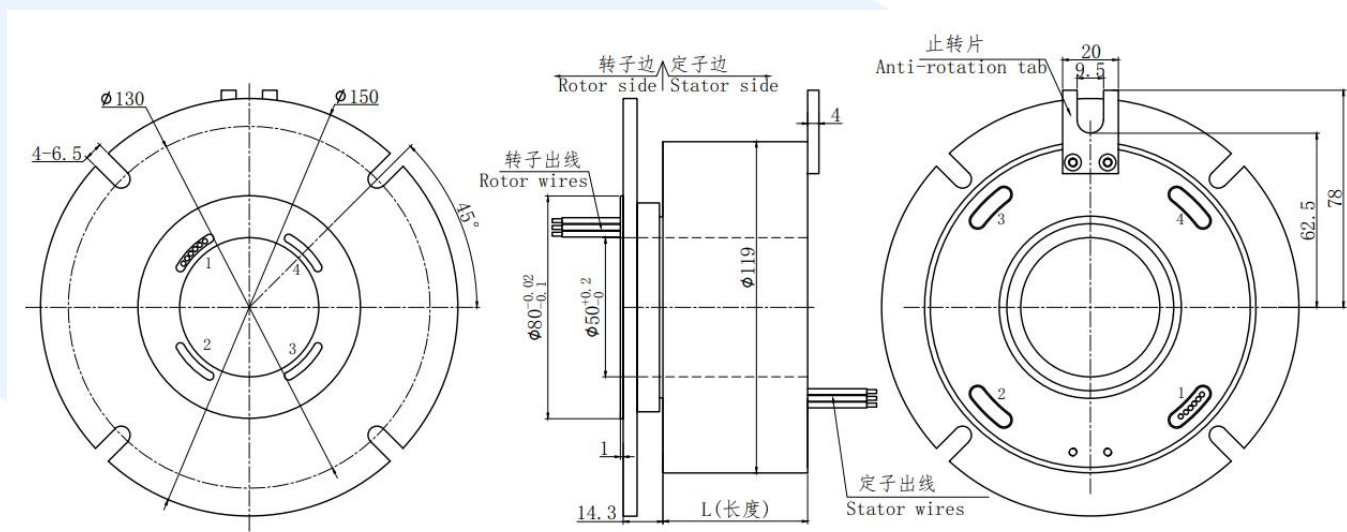
GK50119 series through hole slip ring

Standard integral precision conductive slip ring with
through hole diameter of 50mm (applicable to $\leq 50\text{mm}$)
and outer diameter of 119mm.

Note: If the hole diameter is less than 50mm, it can
be solved by using a liner sleeve.



No flange dimensions



With flange dimensions

Ordering Model Description

GK	F	50119	6P10	6PS	D1	D1: Standard (default) D2: Industrial Grade D3: High-end
GK: Hollow Electric Slip Ring Series	F: Rotor end flange installation	50119: 50means 50mm inner hole, 119means 119mm outer diameter	6P10: 6P means 6 circuits, 10 means 10A current	6PS: 6P means 6 channels, S means signal		

Standard Model Selection Table

Model	Circuit/Current	Signal path number	Length
GK50119-6P05/10/20	6-way/5A、 10A、 20A	0	50.8mm
GK50119-12P05/10/20	12-way/5A、 10A、 20A	0	73.6mm
GK50119-18P05/10/20	18-way/5A、 10A、 20A	0	96.4mm
GK50119-24P05/10/20	24-way/5A、 10A、 20A	0	119.2mm
GK50119-36P05/10/20	36-way/5A、 10A、 20A	0	164.8mm
GKF50119-6P05/10/20	6-way/5A、 10A、 20A	0	50.8mm
GKF50119-12P05/10/20	12-way/5A、 10A、 20A	0	73.6mm
GKF50119-18P05/10/20	18-way/5A、 10A、 20A	0	96.4mm
GKF50119-24P05/10/20	24-way/5A、 10A、 20A	0	119.2mm
GKF50119-36P05/10/20	36-way/5A、 10A、 20A	0	164.8mm

Technical Specifications

Parameter name	Parameter Value	
	Power	Signal
Dielectric strength	800VCA@50Hz, 60s	300VCA@50Hz, 60s
Insulation resistance	≥1000MΩ/500VDC	≥1000MΩ/300VDC
Dynamic resistance change value	< 10mΩ	
Rated voltage	0 ~ 440VDC/VAC	
Wire Specifications	AF200-17AWG Teflon wire (actually change the wire specifications according to the load conditions)	

Wire length	Default 300mm (can be adjusted as required)
Operating temperature	0 ~ 85%RH
Operating humidity	-30℃ ~ +80℃
Protection level	IP51
Shell material	Metal/engineering plastics
Rotational torque	0.1N.m,+0.03N.m/6-way

Product Grade Selection Table

Product grade code	Maximum speed	Working life	Contact material
D1 (General Grade)	250RPM	20 million rpm	Precious Metals
D2 (Industrial Grade)	800RPM	50 million rpm	Gold-plated
D3 (High-end)	1200RPM	80 million rpm	gold alloy

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												

Product customization request options

Mechanical structure	The rotor and stator lead-out method and lead-out length can be requested
	The inner diameter, outer diameter and length of the product can be requested
	The outlet wires can be connected to aviation plugs, terminals, heat shrink tubing, etc.
	The material used for the housing can be requested, such as stainless steel, insulating material, etc.
Usage	High temperature slip rings for use in high temperature environments

Environment	Waterproof slip rings are required in dust and water proof environments. The protection level can be IP65 or IP68.
	High-speed slip rings used in high-speed equipment, with a maximum speed of 10,000 rpm
Electrical properties	Any number of slip rings can be customized according to requirements, with a maximum of 200 lines.
	Various types of private server system signals, power lines, encoder lines and other hybrid slip rings can be customized
	Various types of high-speed data transmission slip rings can be customized, such as Ethernet, USB, RS232, CanBus and other industrial buses
	High current slip rings can be customized according to the current size
	High voltage slip rings can be customized according to voltage