

GHS Series Slip Rings

GHS series is a high-speed slip ring specially developed for high-speed rotating equipment. The speed can up to 12000RPM. The air cooling can ensure the heat generated by the slip ring during high-speed operation does not affect the stability and the working life of the signal.



Features

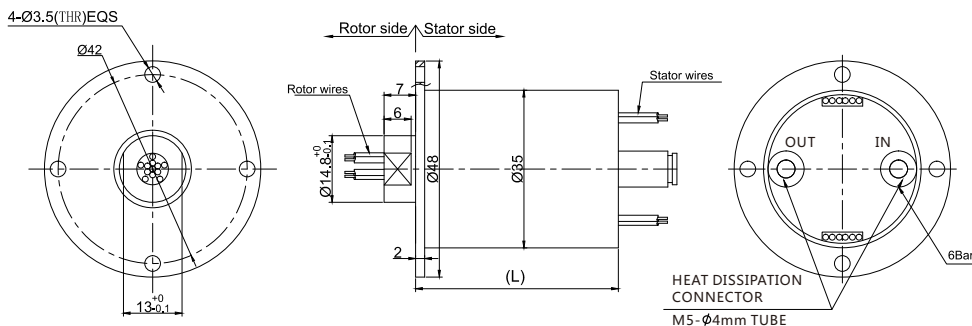
- Support 1~128 power lines or signal lines.
- Precious metal contacts, precision bearings, no lubrication required.
- Ultra low torque, low loss, high stability, long life.

GHS Series Models

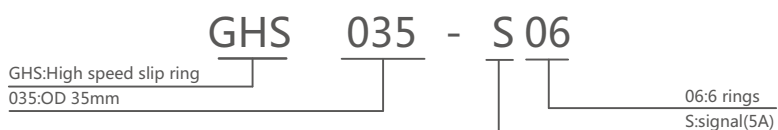
Model#	ID(mm)	OD(mm)	Circuits(Rings)
GHS035	—	35	12000RPM
GHS1256	12.7	56	12000RPM
GHS2586	25.4	86	9000RPM
GHS3899	38.1	99	8000RPM
GHS50119	50	119	8000RPM

GHS035 Series

GHS035 series is a high speed slip ring with OD 35mm, support 24 circuits, max speed 12000RPM.



Part# Explanation



Part# List

GHS035 Series Parts# List		
Part#	Signal/5A	Length-L (mm)
GHS035-S06	6	31.2
GHS035-S12	12	45
GHS035-S18	18	58.8
GHS035-S24	24	72.6

Specifications

Mechanical Data		Electrical Data		
Parameter	Value	Parameter	Value	
Working Life	300 million revs	Power	0~240VAC/VDC	Signal
Rotating Speed	1~12000RPM	Rated Voltage	0~240VAC/VDC	0~240VAC/VDC
Working Temperature	-30°C~80°C	Insulation Resistance	≥1000MΩ/500VDC	≥1000MΩ/500VDC
Operating Humidity	0~85% RH	Lead Wires	AWG22Teflon	AWG22#Teflon
Contact Material	See Prod Quality Level	Lead LenGHS	Standard 300mm	
Housing Material	Aluminium Alloy	Insulation StrenGHS	500VAC@50Hz, 60s	
Torque	0.1N.m; +0.03/6ring	Electrical Noise	<0.01Ω	
Protection Grade	IP51			

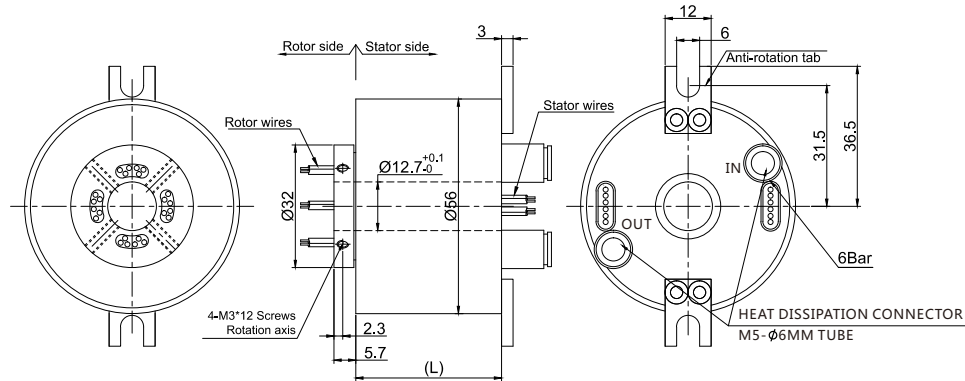
Lead Wires Color Code

Ring	1	2	3	4	5	6	7	8	9	10	11	12
Color	BLK	RED	YEL	GRN	BLU	WHT	BLK	RED	YEL	GRN	BLU	WHT

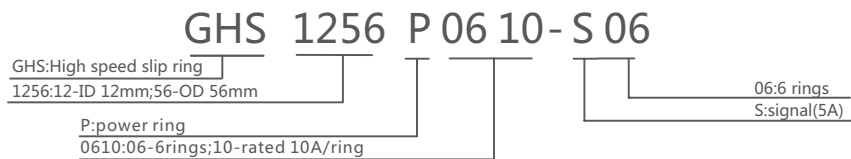
(6 wires for 1 group colors, from 7-12, repeat the same color as 1...6, indicated with number code pipe)

GHS1256 Series

GHS1256 series is a rotary electrical connector(rotary electrical joint) with bore size 12.7mm, OD 33mm, support 2~12 circuits.
High speed slip ring with bore size 12.7mm(1/2" ,used for <=12.7mm),OD 33mm.*Attention : if required through bore <12.7mm , this can be resolved by adding a sleeve inside the bore.



Part# Explanation



Part# List

GHS1256 Series Parts# List							
Part#	10A	Signal or 5A	Length-L (mm)	Part#	10A	Signal or 5A	Length-L (mm)
GHS1256-S02	0	2	34.6	GHS1256-P1010-S08	10	8	79.4
GHS1256-P0210	2	0	34.6	GHS1256-P1210-S06	12	6	79.4
GHS1256-S03	0	3	37.4	GHS1256-P1410-S04	14	4	79.4
GHS1256-P0310	3	0	37.4	GHS1256-P1610-S02	16	2	79.4
GHS1256-S06	0	6	45.8	GHS1256-S24	18	0	79.4
GHS1256-P0210-S04	2	4	45.8	GHS1256-P0410-S20	0	24	96.2
GHS1256-P0410-S02	4	2	45.8	GHS1256-P0610-S18	4	20	96.2
GHS1256-P0610	6	0	45.8	GHS1256-P1210-S12	6	18	96.2
GHS1256-S12	0	12	62.6	GHS1256-P1810-S06	12	12	96.2
GHS1256-P0210-S10	2	10	62.6	GHS1256-P2410	18	6	96.2
GHS1256-P0310-S09	3	9	62.6	GHS1256-S30	0	30	113
GHS1256-P0610-S06	6	6	62.6	GHS1256-P0210-S28	2	28	113
GHS1256-P0810-S04	8	4	62.6	GHS1256-P0410-S26	4	26	113
GHS1256-P1010-S02	10	2	62.6	GHS1256-P0610-S24	6	24	113
GHS1256-P1210	12	0	62.6	GHS1256-S36	0	36	132.8
GHS1256-S18	0	18	79.4	GHS1256-P0410-S32	4	32	132.8
GHS1256-P0210-S16	2	16	79.4	GHS1256-P0610-S30	6	30	132.8
GHS1256-P0410-S14	4	14	79.4	GHS1256-S42	0	42	149.6
GHS1256-P0610-S12	6	12	79.4	GHS1256-P0410-S38	4	38	149.6
GHS1256-P0810-S10	8	10	79.4	GHS1256-S48	0	48	166.4

Note: N channels 10A rings parallel can be used as 1 channel N*10A current. For example: 2 rings 10A parallel could be used as 1 wires 20A.
10A,5A (signal) can combine freely in any way.It can be customized based on standard slip ring,please contact customer service for more detmails.

Specifications

Mechanical Data		Electrical Data		
Parameter	Value	Parameter	Value	
Working Life	300 million revs		Power	Signal
Rotating Speed	1~12000RPM	Rated Voltage	0~440VAC/VDC	0~440VAC/VDC
Working Temperature	-30°C~80°C	Insulation Resistance	≥1000MΩ/500VDC	≥1000MΩ/500VDC
Operating Humidity	0~85% RH	Lead Wires	AWG17#Teflon	AWG22#Teflon
Contact Material	See Prod Quality Level	Lead LenGHS	Standard 300mm	
Housing Material	Aluminium Alloy	Insulation StrenGHS	500VAC@50Hz , 60s	
Torque	0.1N.m;+0.03/6ring	Electrical Noise	<0.01Ω	
Protection Grade	IP51			

Lead Wires Color Code

Ring	1	2	3	4	5	6	7	8	9	10	11	12
Color	BLK	RED	YEL	GRN	BLU	WHT	BLK	RED	YEL	GRN	BLU	WHT

(6 wires for 1 group color, from 7-12, repeat the same color as 1...6, indicated with number code pipe)

Options For Custom Slip Ring

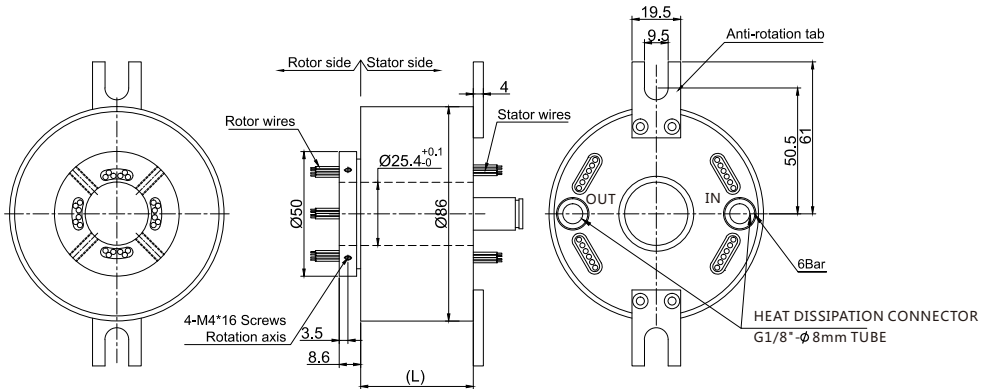
Note: Below special demands can be customized. According, the delivery date will be extended 3 to 15 days; also the cost will be increased 30% to 50%. Most of our basic parts are standard and modular, which can save the cost and lead time.

- ① Cable exit way and cable lenGHS can be customized for both rotor and stator.
- ② Because of the structure limitation, lenGHS/height/OD can be customized on your request.
- ③ Support current or signal up to 200 rings.
- ④ Aviation plug, terminal and heat-shrink tube are optional.
- ⑤ Hybrid slip ring for Yaskawa/Panasonic/Siemens servo control signal, power line and encoder line.
- ⑥ Support mixed high speed data transmission (including Ethernet, USB, RS232, RS485, Profibus, CanBUS, CANOPEN, DeviceNET, CC-LINK, ProfiNET, EtherCAT, etc.)
- ⑦ Can combine temperature control signal with thermocouple signal.
- ⑧ Special environment can be customized, such as quakeproof, high temperature, etc.
- ⑨ Hybrid Pneumatic/hydraulic and electric slip ring can be mixed.
- ⑩ High temperature can up to 500 degrees.
- ⑪ High pressure can up to 110KV
- ⑫ Rotating speed can up to 10000RPM
- ⑬ Maximum current can up to 5000 amperes.
- ⑭ Military grade
- ⑮ Optional for underwater IP65, IP68.
- ⑯ Optional for stainless steel housing

Technical support: technical@moflon.com

GHS2586 Series

GHS2586 series is a high speed slip ring with bore size 12.7mm, OD 33mm, support 2~12 circuits.



Part# Explanation



Part# List

GHS2586 Series Parts# List							
Part#	10A	Signal or 5A	Length-L (mm)	Part#	10A	Signal or 5A	Length-L (mm)
GHS2586-S02	0	2	31.6	GHS2586-P1210-S12	12	12	106.4
GHS2586-P0210	2	0	31.6	GHS2586-P1810-S06	18	6	106.4
GHS2586-S03	0	3	35	GHS2586-P2410	24	0	106.4
GHS2586-P0310	3	0	35	GHS2586-S30	0	30	126.8
GHS2586-S06	0	6	45.2	GHS2586-P0610-S24	6	24	126.8
GHS2586-P0210-S04	2	4	45.2	GHS2586-P1210-S18	12	18	126.8
GHS2586-P0410-S02	4	2	45.2	GHS2586-P1810-S12	18	12	126.8
GHS2586-P0610	6	0	45.2	GHS2586-P2410-S06	24	6	126.8
GHS2586-S12	0	12	65.6	GHS2586-P3010	30	0	126.8
GHS2586-P0210-S10	2	10	65.6	GHS2586-S36	0	36	150.2
GHS2586-P0310-S09	3	9	65.6	GHS2586-P0610-S30	6	30	150.2
GHS2586-P0610-S06	6	6	65.6	GHS2586-P1210-S24	12	24	150.2
GHS2586-P0810-S04	8	4	65.6	GHS2586-P3610	36	0	150.2
GHS2586-P1010-S02	10	2	65.6	GHS2586-S42	0	42	170.6
GHS2586-P1210	12	0	65.6	GHS2586-P0610-S36	6	36	170.6
GHS2586-S18	0	18	86	GHS2586-P1210-S30	12	30	170.6
GHS2586-P0210-S16	2	16	86	GHS2586-S48	0	48	191
GHS2586-P0410-S14	4	14	86	GHS2586-P0610-S42	6	42	191
GHS2586-P0610-S12	6	12	86	GHS2586-P0910-S39	9	39	191
GHS2586-P0810-S10	8	10	86	GHS2586-P1210-S36	12	36	191
GHS2586-P1010-S08	10	8	86	GHS2586-P1810-S30	18	30	191
GHS2586-P1210-S06	12	6	86	GHS2586-P2410-S24	24	24	191
GHS2586-P1410-S04	14	4	86	GHS2586-S60	0	60	231.8
GHS2586-P1610-S02	16	2	86	GHS2586-P0610-S54	6	54	231.8
GHS2586-S24	0	24	106.4	GHS2586-P0910-S51	9	51	231.8
GHS2586-P0410-S20	4	20	106.4	GHS2586-P1210-S48	12	48	231.8
GHS2586-P0610-S18	6	18	106.4	GHS2586-S72	0	72	275.6

Note: N channels 10A rings parallel can be used as 1 channel N*10A current. For example: 2 rings 10A parallel could be used as 1 wires 20A. 10A,5A (signal) can combine freely in any way.It can be customized based on standard slip ring,please contact customer service for more detmails.

Specifications

Mechanical Data		Electrical Data		
Parameter	Value	Parameter	Value	
Working Life	300 million revs		Power	Signal
Rotating Speed	1~9000RPM	Rated Voltage	0~440VAC/VDC	0~440VAC/VDC
Working Temperature	-30°C~80°C	Insulation Resistance	≥1000MΩ/500VDC	≥1000MΩ/500VDC
Operating Humidity	0~85% RH	Lead Wires	AWG16#Teflon	AWG22#Teflon
Contact Material	See Prod Quality Level	Lead LenGHS	Standard 300mm	
Housing Material	Aluminium Alloy	Insulation StrenGHS	500VAC@50Hz , 60s	
Torque	0.1N.m;+0.03/6ring	Electrical Noise	<0.01Ω	
Protection Grade	IP51			

Lead Wires Color Code

Ring	1	2	3	4	5	6	7	8	9	10	11	12
Color	BLK	RED	YEL	GRN	BLU	WHT	BLK	RED	YEL	GRN	BLU	WHT

(6 wires for 1 group color, from 7-12, repeat the same color as 1...6, indicated with number code pipe)

Options For Custom Slip Ring

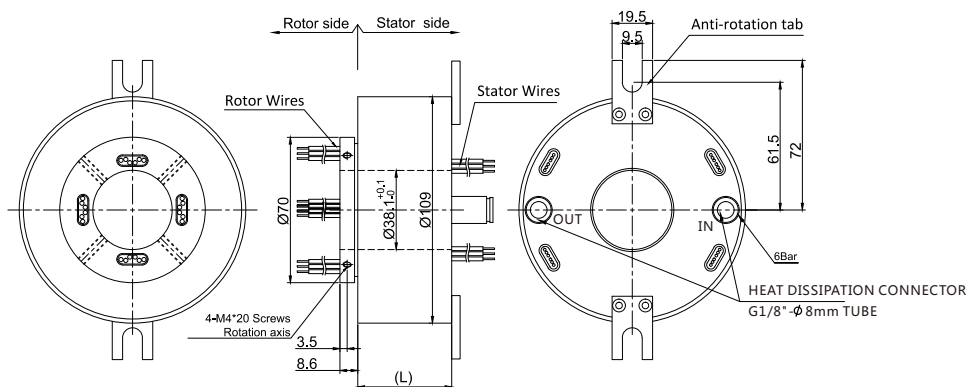
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- ① Cable exit way and cable lenGHS can be customized for both rotor and stator.
- ② Because of the structure limitation, lenGHS/height/OD can be customized on your request.
- ③ Support current or signal up to 200 rings.
- ④ Aviation plug, terminal and heat-shrink tube are optional.
- ⑤ Hybrid slip ring for Yaskawa/Panasonic/Siemens servo control signal, power line and encoder line.
- ⑥ Support mixed high speed data transmission (including Ethernet, USB, RS232, RS485, Profibus, CanBUS, CANOPEN, DeviceNET, CC-LINK, ProfiNET, EtherCAT, etc.)
- ⑦ Can combine temperature control signal with thermocouple signal.
- ⑧ Special environment can be customized, such as quakeproof, high temperature, etc.
- ⑨ Hybrid Pneumatic/hydraulic and electric slip ring can be mixed.
- ⑩ High temperature can up to 500 degrees.
- ⑪ High pressure can up to 110KV
- ⑫ Rotating speed can up to 10000RPM
- ⑬ Maximum current can up to 5000 amperes.
- ⑭ Military grade
- ⑮ Optional for underwater IP65, IP68.
- ⑯ Optional for stainless steel housing

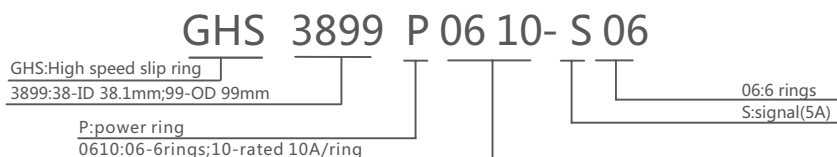
Technical support: technical@moflon.com

GHS3899 Series

GHS3899 series is a rotary electrical connector(rotary electrical joint) with bore size 12.7mm, OD 33mm, support 2~12 circuits. High speed slip ring with bore size 12.7mm(1/2" ,used for <=12.7mm),OD 33mm.*Attention : if required through bore <12.7mm , this can be solved by adding a sleeve inside the bore.



Part# Explanation



Part# List

GHS3899 Series Parts# List							
Part#	10A	Signal or 5A	Length-L (mm)	Part#	10A	Signal or 5A	Length-L (mm)
GHS3899-S02	0	2	39.2	GHS3899-P1210-S12	12	12	114
GHS3899-P0210	2	0	39.2	GHS3899-P1810-S06	18	6	114
GHS3899-S03	0	3	42.6	GHS3899-P2410	24	0	114
GHS3899-P0310	3	0	42.6	GHS3899-S30	0	30	134.4
GHS3899-S06	0	6	52.8	GHS3899-P0610-S24	6	24	134.4
GHS3899-P0210-S04	2	4	52.8	GHS3899-P1210-S18	12	18	134.4
GHS3899-P0410-S02	4	2	52.8	GHS3899-P1810-S12	18	12	134.4
GHS3899-P0610	6	0	52.8	GHS3899-P2410-S06	24	6	134.4
GHS3899-S12	0	12	73.2	GHS3899-P3010	30	0	134.4
GHS3899-P0210-S10	2	10	73.2	GHS3899-S36	0	36	157.8
GHS3899-P0310-S09	3	9	73.2	GHS3899-P0610-S30	6	30	157.8
GHS3899-P0610-S06	6	6	73.2	GHS3899-P1210-S24	12	24	157.8
GHS3899-P0810-S04	8	4	73.2	GHS3899-P3610	36	0	157.8
GHS3899-P1010-S02	10	2	73.2	GHS3899-S42	0	42	178.2
GHS3899-P1210	12	0	73.2	GHS3899-P0610-S36	6	36	178.2
GHS3899-S18	0	18	93.6	GHS3899-P1210-S30	12	30	178.2
GHS3899-P0210-S16	2	16	93.6	GHS3899-S48	0	48	198.6
GHS3899-P0410-S14	4	14	93.6	GHS3899-P0610-S42	6	42	202.8
GHS3899-P0610-S12	6	12	93.6	GHS3899-P0910-S39	9	39	202.8
GHS3899-P0810-S10	8	10	93.6	GHS3899-P1210-S36	12	36	202.8
GHS3899-P1010-S08	10	8	93.6	GHS3899-P1810-S30	18	30	202.8
GHS3899-P1210-S06	12	6	93.6	GHS3899-P2410-S24	24	24	202.8
GHS3899-P1410-S04	14	4	93.6	GHS3899-S60	0	60	243.6
GHS3899-P1610-S02	16	2	93.6	GHS3899-P0610-S54	6	54	243.6
GHS3899-S24	0	24	93.6	GHS3899-P0910-S51	9	51	243.6
GHS3899-P0410-S20	4	20	114	GHS3899-P1210-S48	12	48	243.6
GHS3899-P0610-S18	6	18	114	GHS3899-S72	0	72	287.4

Note: N channels 10A rings parallel can be used as 1 channel N*10A current. For example: 2 rings 10A parallel could be used as 1 wires 20A. 10A,5A (signal) can combine freely in any way.It can be customized based on standard slip ring,please contact customer service for more detmails.

Specifications

Mechanical Data		Electrical Data		
Parameter	Value	Parameter	Value	
Working Life	300 million revs		Power	Signal
Rotating Speed	1~8000RPM	Rated Voltage	0~690VAC/VDC	0~440VAC/VDC
Working Temperature	-30°C~80°C	Insulation Resistance	≥1000MΩ/500VDC	≥1000MΩ/500VDC
Operating Humidity	0~85% RH	Lead Wires	AWG16#Teflon	AWG22#Teflon
Contact Material	See Prod Quality Level	Lead LenGHSh	Standard 300mm	
Housing Material	Aluminium Alloy	Insulation StrenGHSh	500VAC@50Hz , 60s	
Torque	0.1N.m;+0.03/6ring	Electrical Noise	<0.01Ω	
Protection Grade	IP51			

Lead Wires Color Code

Ring	1	2	3	4	5	6	7	8	9	10	11	12
Color	BLK	RED	YEL	GRN	BLU	WHT	BLK	RED	YEL	GRN	BLU	WHT

(6 wires for 1 group color, from 7-12, repeat the same color as 1...6, indicated with number code pipe)

Options For Custom Slip Ring

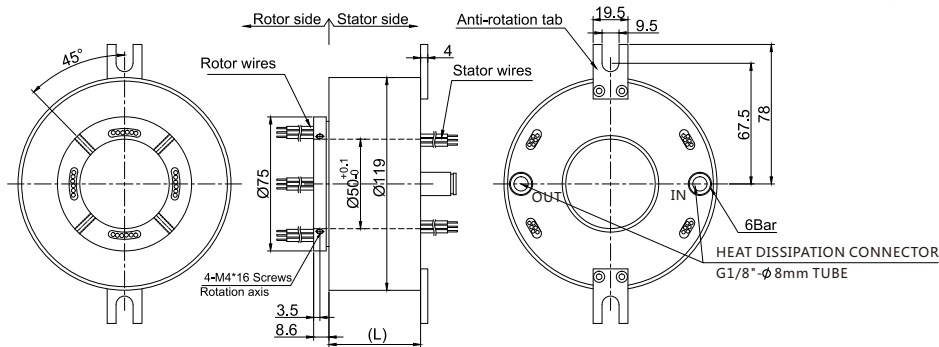
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- ① Cable exit way and cable lenGHSh can be customized for both rotor and stator.
- ② Because of the structure limitation, lenGHSh/height/OD can be customized on your request.
- ③ Support current or signal up to 200 rings.
- ④ Aviation plug, terminal and heat-shrink tube are optional.
- ⑤ Hybrid slip ring for Yaskawa/Panasonic/Siemens servo control signal, power line and encoder line.
- ⑥ Support mixed high speed data transmission (including Ethernet, USB, RS232, RS485, Profibus, CanBUS, CANOPEN, DeviceNET, CC-LINK, ProfiNET, EtherCAT, etc.)
- ⑦ Can combine temperature control signal with thermocouple signal.
- ⑧ Special environment can be customized, such as quakeproof, high temperature, etc.
- ⑨ Hybrid Pneumatic/hydraulic and electric slip ring can be mixed.
- ⑩ High temperature can up to 500 degrees.
- ⑪ High pressure can up to 110KV
- ⑫ Rotating speed can up to 10000RPM
- ⑬ Maximum current can up to 5000 amperes.
- ⑭ Military grade
- ⑮ Optional for underwater IP65, IP68.
- ⑯ Optional for stainless steel housing

Technical support: technical@moflon.com

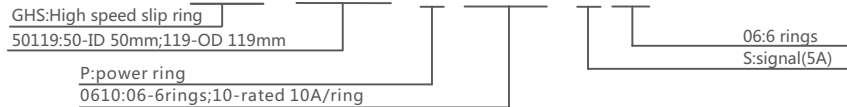
GHS50119 Series

GHS50119 series is a rotary electrical connector(rotary electrical joint) with bore size 12.7mm, OD 33mm, support 2~12 circuits.
High speed slip ring with bore size 12.7mm(1/2" ,used for<=12.7mm),OD 33mm.*Attention : if required through bore <12.7mm , this can be solved by adding a sleeve inside the bore.



Part# Explanation

GHS 50119 P 06 10-S 06



Part# List

GHS50119 Series Parts# List							
Part#	10A	Signal or 5A	Length-L (mm)	Part#	10A	Signal or 5A	Length-L (mm)
GHS50119-S02	0	2	43.6	GHS50119-P0610-S24	6	24	150
GHS50119-P0210	2	0	43.6	GHS50119-P1210-S18	12	18	150
GHS50119-S03	0	3	47.4	GHS50119-P1810-S12	18	12	150
GHS50119-P0310	3	0	47.4	GHS50119-P2410-S06	24	6	150
GHS50119-S06	0	6	58.8	GHS50119-P3010	30	0	150
GHS50119-P0210-S04	2	4	58.8	GHS50119-S36	0	36	176.8
GHS50119-P0410-S02	4	2	58.8	GHS50119-P0610-S30	6	30	176.8
GHS50119-P0610	6	0	58.8	GHS50119-P1210-S24	12	24	176.8
GHS50119-S12	0	12	81.6	GHS50119-P3610	36	0	176.8
GHS50119-P0210-S10	2	10	81.6	GHS50119-S42	0	42	199.6
GHS50119-P0310-S09	3	9	81.6	GHS50119-P0610-S36	6	36	199.6
GHS50119-P0610-S06	6	6	81.6	GHS50119-P1210-S30	12	30	199.6
GHS50119-P0810-S04	8	4	81.6	GHS50119-S48	0	48	222.4
GHS50119-P1010-S02	10	2	81.6	GHS50119-P0610-S42	6	42	222.4
GHS50119-P1210	12	0	81.6	GHS50119-P0910-S39	9	39	222.4
GHS50119-S18	0	18	104.4	GHS50119-P1210-S36	12	36	222.4
GHS50119-P0210-S16	2	16	104.4	GHS50119-P1810-S30	18	30	222.4
GHS50119-P0410-S14	4	14	104.4	GHS50119-P2410-S24	24	24	222.4
GHS50119-P0610-S12	6	12	104.4	GHS50119-S60	0	60	273
GHS50119-P0810-S10	8	10	104.4	GHS50119-P0610-S54	6	54	273
GHS50119-P1010-S08	10	8	104.4	GHS50119-P0910-S51	9	51	273
GHS50119-P1210-S06	12	6	104.4	GHS50119-P1210-S48	12	48	273
GHS50119-P1410-S04	14	4	104.4	GHS50119-S72	0	72	273
GHS50119-P1610-S02	16	2	104.4	GHS50119-P0610-S66	6	66	319
GHS50119-P1810	18	0	104.4	GHS50119-P1210-S60	12	60	319
GHS50119-S24	0	24	127.2	GHS50119-P2410-S48	24	48	319
GHS50119-P0410-S20	4	20	127.2	GHS50119-P3610-S36	36	36	319
GHS50119-P0610-S18	6	18	127.2	GHS50119-S84	0	84	373
GHS50119-P1210-S12	12	12	127.2	GHS50119-P1210-S72	12	72	373
GHS50119-P1810-S06	18	6	127.2	GHS50119-P2410-S60	24	60	373
GHS50119-P2410	24	0	127.2	GHS50119-P3610-S48	36	48	373
GHS50119-S30	0	30	150	GHS50119-S96	0	96	419

Note: N channels 10A rings parallel can be used as 1 channel N*10A current. For example: 2 rings 10A parallel could be used as 1 wires 20A. 10A,5A (signal) can combine freely in any way.It can be customized based on standard slip ring,please contact customer service for more detmails.

Specifications

Mechanical Data		Electrical Data		
Parameter	Value	Parameter	Value	
Working Life	300 million revs		Power	Signal
Rotating Speed	1~8000RPM	Rated Voltage	0~690VAC/VDC	0~440VAC/VDC
Working Temperature	-30°C~80°C	Insulation Resistance	≥1000MΩ/500VDC	≥1000MΩ/500VDC
Operating Humidity	0~85% RH	Lead Wires	AWG16#Teflon	AWG22#Teflon
Contact Material	See Prod Quality Level	Lead LenGHS	Standard 300mm	
Housing Material	Aluminium Alloy	Insulation StrenGHS	500VAC@50Hz , 60s	
Torque	0.1N.m; +0.03/6ring	Electrical Noise	<0.01Ω	
Protection Grade	IP51			

Lead Wires Color Code

Ring	1	2	3	4	5	6	7	8	9	10	11	12
Color	BLK	RED	YEL	GRN	BLU	WHT	BLK	RED	YEL	GRN	BLU	WHT

(6 wires for 1 group color, from 7-12, repeat the same color as 1...6, indicated with number code pipe)

Options For Custom Slip Ring

Note: Below special demands can be customized. According, the delivery date will be extended 3 to 15 days; also the cost will be increased 30% to 50%. Most of our basic parts are standard and modular, which can save the cost and lead time.

- ① Cable exit way and cable lenGHS can be customized for both rotor and stator.
- ② Because of the structure limitation, lenGHS/height/OD can be customized on your request.
- ③ Support current or signal up to 200 rings.
- ④ Aviation plug, terminal and heat-shrink tube are optional.
- ⑤ Hybrid slip ring for Yaskawa/Panasonic/Siemens servo control signal, power line and encoder line.
- ⑥ Support mixed high speed data transmission (including Ethernet, USB, RS232, RS485, Profibus, CanBUS, CANOPEN, DeviceNET, CC-LINK, ProfiNET, EtherCAT, etc.)
- ⑦ Can combine temperature control signal with thermocouple signal.
- ⑧ Special environment can be customized, such as quakeproof, high temperature, etc.
- ⑨ Hybrid Pneumatic/hydraulic and electric slip ring can be mixed.
- ⑩ High temperature can up to 500 degrees.
- ⑪ High pressure can up to 110KV
- ⑫ Rotating speed can up to 10000RPM
- ⑬ Maximum current can up to 5000 amperes.
- ⑭ Military grade
- ⑮ Optional for underwater IP65, IP68.
- ⑯ Optional for stainless steel housing

Technical support: technical@moflon.com