ATO

H60119 Series

H60119 series standard precise slip ring , integrated structure design, with through hole 60mm , OD119mm , suitable for rotating application which requires a through hole <=60mm （remark: if need a hole <60mm, can add a inner bushing)
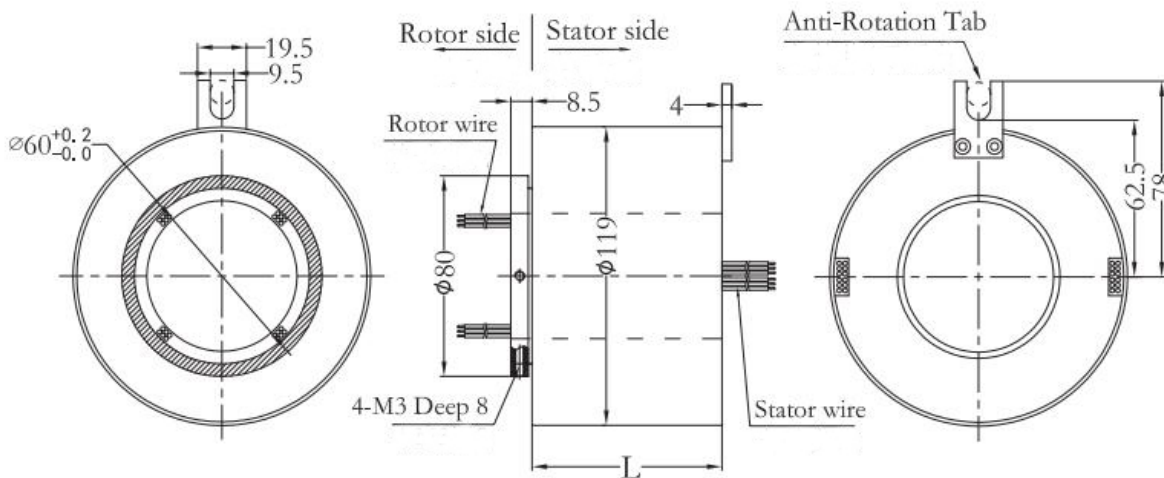
Part No. description

H60119 - Power circuits no. - Signal circuits no. - Eroduct grade

H:through hole slip ring
60119:ID 60mm, OD 119mm

Example:
0610:6 circuits,10A per circuit
1220:2circuits,10A per circuit

Example:
C: standard level
D:Industrial level
H:High quality level

Example:
06S:6circuits signal （0~2A）
12S:12circuits signal （0~2A）

Standard Model List

art no.	Circuit		Length L(mm)	art no.	Circuit		Length L(mm)
	10A	Signal or 5A			10A	Signal or 5A	
H60119-02S	0	2	36	H60119-36S	0	36	172
H60119-0210	2	0	36	H60119-0610-30S	6	30	172
H60119-03S	0	3	40	H60119-1210-S24	12	24	172
H60119-0310	3	0	40	H60119-3610	36	0	172
H60119-06S	0	6	52	H60119-42S	0	42	196
H60119-0210-04S	2	4	52	H60119-0610-36S	6	36	196
H60119-0410-02S	4	2	52	H60119-1210-30S	12	30	196
H60119-0610	6	0	52	H60119-4210	42	0	196
H60119-12S	0	12	76	H60119-48S	0	48	220
H60119-0210-10S	2	10	76	H60119-0610-42S	6	42	220
H60119-0310-09S	3	9	76	H60119-1210-36S	12	36	220
H60119-0610-06S	6	6	76	H60119-1810-30S	18	30	220
H60119-0810-04S	8	4	76	H60119-P2410-24S	24	24	220
H60119-1010-02S	10	2	76	H60119-4810	48	0	220
H60119-1210	12	0	76	H60119-60S	0	60	268
H60119-18S	0	18	100	H60119-0610-54S	6	54	268
H60119-0210-16S	2	16	100	H60119-0910-51S	9	51	268
H60119-0410-14S	4	14	100	H60119-1210-48S	12	48	268
H60119-0610-12S	6	12	100	H60119-2410-36S	24	36	268
H60119-0810-10S	8	10	100	H60119-72S	0	72	316

Part no.	10A	Signal or 5A	Length L(mm)	Part no.	10A	Signal or 5A	Length L(mm)
H60119-1010-08S	10	8	100	H60119-1210-60S	12	60	316
H60119-1210-06S	12	6	100	H60119-2410-48S	24	48	316
H60119-1410-04S	14	4	100	H60119-3610-36S	36	36	316
H60119-1610-02S	16	2	100	H60119-84S	0	84	364
H60119-24S	0	24	124	H60119-1210-72S	12	72	364
H60119-0410-20S	4	20	124	H60119-2410-60S	24	60	364
H60119-0610-18S	6	18	124	H60119-3610-48S	36	48	364
H60119-1210-12S	12	12	124	H60119-96S	0	96	412
H60119-1810-06S	18	6	124	H60119-1210-84S	12	84	412
H60119-2410	24	0	124	H60119-2410-72S	24	72	412
H60119-30S	0	30	148	H60119-3610-60S	36	60	412
H60119-0610-24S	6	24	148	H60119-4210-54S	42	54	412
H60119-1210-18S	12	18	148	H60119-108S	0	108	460
H60119-1810-12S	18	12	148	H60119-1210-96S	12	96	460
H60119-2410-06S	24	6	148	H60119-2410-84S	24	84	460
H60119-3010	30	0	148	H60119-3610-72S	36	72	460

Remark: Circuits can be combined in parallel for bigger c rrent, N circ its of 10A to get N*10A,such as 2 circ its of 10A in parallel for 20A use.10A circuits No. and signal circuits (5A) No. can be c stomized based on standard prod cts,pls inquiry Senring for details.

Technical Specification

Mechanical		Electrical		
Spec	Data	Spec	Data	
Working life	pls refer to product grade table		Power	Signal
Rotating speed	pls refer to product grade table	Rated voltage	0~690VAC/VDC	0~440VAC/VDC
Working temp.	-30°C~80°C	Insulation resistance	≥1000mΩ/500VDC	≥1000mΩ/500VDC
Work humidity	0~85% RH	Lead wire spec	AWG17# Silver-plated teflon	AWG22# Silver-plated teflon
Contact material	pls refer to produce grade table	Lead wire length	standard 300mm(can be customized)	
Housing material	AL alloy	Dielectric Strength	800VAC@50Hz,60s	
Torque	0.1N.m (+0.03N.m/6circuits)	Electrical noise	<0.01Ω	
IP grade	IP51			

Product Grade Table

Grade code	Max rotating speed	Working life	Contact material
C:standard	400RPM	20millisons revol tions	precio s metal
D:industrical	800RPM	60millisons revol tions	precio s metal
H:high quality	1200RPM	150millisons revol tions	gold alloy

Color code of Lead Wire

ring#	1	2	3	4	5	6	7	8	9	10	11	12
color	BLK	BRN	RED	ORG	YEL	GRN	BLU	PUR	GRY	WHT	PINK	LGT BLU

ring#	13	14	15	16	17	18	19	20	21	22	23	24
color	WHT/BLK	WHT/BRN	WHT/RED	WHT/ORG	WHT/YEL	WHT/GRN	WHT/BLU	WHT/PUR	WHT/GRY	BLK/RED	BLK/BRN	Transparent

Remark:"1" : the first wire from rotor side , H60119-06S wire color sequence: BLK/BRN/RED/ORG/WHT/GRN , 24 color wires as one group , if more than 24wires, repeat as sequence , use number t be to tell gro p 1#, 2#….