

H120215 Series

H120215 series standard precise slip ring , integrated structure design, with through hole 120mm , OD215mm , suitable for rotating application which requires a through hole $\leq 120\text{mm}$ (remark: if need a hole $< 120\text{mm}$, can add a inner bushing)



Part No. description

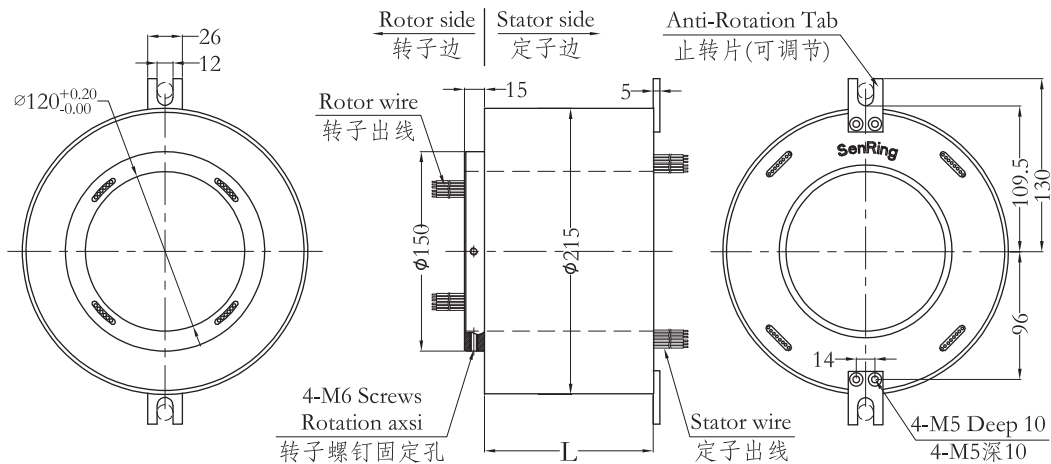
H120215 - Power circuits no. - Signal circuits no. - Eproduct grade

H:through hole slip ring
120215:ID 120mm, OD 215mm

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

H120215 series model list							
Part no.	Circuit		Length L(mm)	Part no.	Circuit		Length L(mm)
	10A	Signal or 5A			10A	Signal or 5A	
H120215-02S	0	2	57	H120215-36S	0	36	193
H120215-0210	2	0	57	H120215-0610-30S	6	30	193
H120215-03S	0	3	61	H120215-1210-S24	12	24	193
H120215-0310	3	0	61	H120215-3610	36	0	193
H120215-06S	0	6	73	H120215-42S	0	42	217
H120215-0210-04S	2	4	73	H120215-0610-36S	6	36	217
H120215-0410-02S	4	2	73	H120215-1210-30S	12	30	217
H120215-0610	6	0	73	H120215-4210	42	0	217
H120215-12S	0	12	97	H120215-48S	0	48	241
H120215-0210-10S	2	10	97	H120215-0610-42S	6	42	241
H120215-0310-09S	3	9	97	H120215-1210-36S	12	36	241
H120215-0610-06S	6	6	97	H120215-1810-30S	18	30	241
H120215-0810-04S	8	4	97	H120215-2410-24S	24	24	241
H120215-1010-02S	10	2	97	H120215-4810	48	0	241
H120215-1210	12	0	97	H120215-60S	0	60	289
H120215-18S	0	18	121	H120215-0610-54S	6	54	289
H120215-0210-16S	2	16	121	H120215-0910-51S	9	51	289
H120215-0410-14S	4	14	121	H120215-1210-48S	12	48	289
H120215-0610-12S	6	12	121	H120215-2410-36S	24	36	289
H120215-0810-10S	8	10	121	H120215-72S	0	72	337

Part no.	10A	Signal or 5A	Length L(mm)	Part no.	10A	Signal or 5A	Length L(mm)
H120215-1010-08S	10	8	121	H120215-1210-60S	12	60	337
H120215-1210-06S	12	6	121	H120215-2410-48S	24	48	337
H120215-1410-04S	14	4	121	H120215-3610-36S	36	36	337
H120215-1610-02S	16	2	121	H120215-84S	0	84	385
H120215-24S	0	24	145	H120215-1210-72S	12	72	385
H120215-0410-20S	4	20	145	H120215-2410-60S	24	60	385
H120215-0610-18S	6	18	145	H120215-3610-48S	36	48	385
H120215-1210-12S	12	12	145	H120215-96S	0	96	435
H120215-1810-06S	18	6	145	H120215-1210-84S	12	84	435
H120215-2410	24	0	145	H120215-2410-72S	24	72	435
H120215-30S	0	30	169	H120215-3610-60S	36	60	435
H120215-0610-24S	6	24	169	H120215-4210-54S	42	54	435
H120215-1210-18S	12	18	169	H120215-108S	0	108	481
H120215-1810-12S	18	12	169	H120215-1210-96S	12	96	481
H120215-2410-06S	24	6	169	H120215-2410-84S	24	84	481
H120215-3010	30	0	169	H120215-3610-72S	36	72	481

*Remark: Circuits can be combined in parallel for bigger current, N circuits of 10A to get N*10A, such as 2 circuits of 10A in parallel for 20A use. 10A circuits No. and signal circuits (5A) No. can be customized based on standard products, 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	250RPM	20millisons revolutions	precious metal
D:industrial	800RPM	60millisons revolutions	precious metal
H:high quality	1200RPM	150millisons revolutions	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 , H120215-06S wire color sequence: BLK/BRN/RED/ORG/WHT/GRN , 24 color wires as one group , if more than 24wires, repeat as sequence , use number tube to tell group 1#, 2#....