

H300430 Series

H300430 series standard precise slip ring , integrated structure design, with through hole 300mm , OD430mm , suitable for rotating application which requires a through hole <=300mm (remark: if need a hole <300mm, can add a inner bushing)



Part No. description

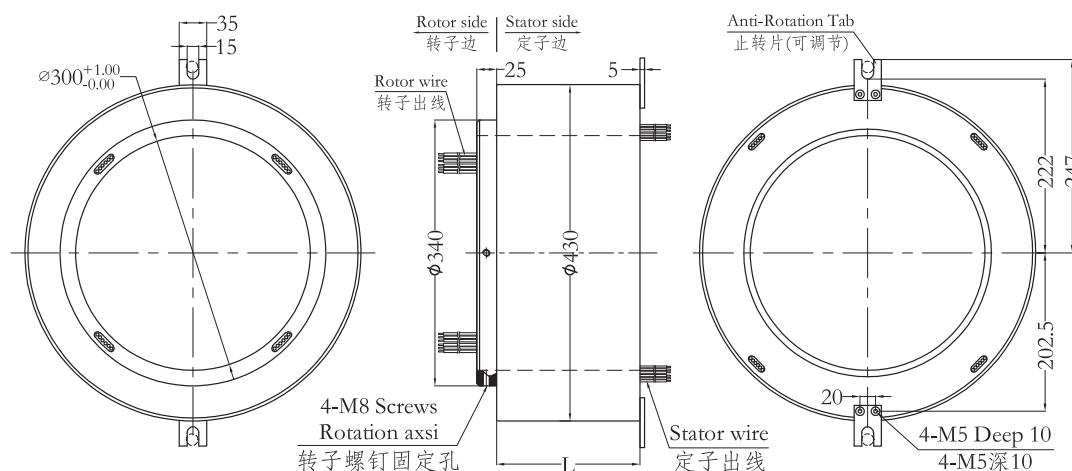
H300430 - Power circuits no. - Signal circuits no. - Product grade

H:through hole slip ring
300430:ID 300mm, OD 430mm

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

H300430 series model list							
Part no.	Circuit		Length L(mm)	Part no.	Circuit		Length L(mm)
	10A	Signal or 5A			10A	Signal or 5A	
H300430-02S	0	2	88	H300430-36S	0	36	258
H300430-0210	2	0	88	H300430-0610-30S	6	30	258
H300430-03S	0	3	93	H300430-1210-524	12	24	258
H300430-0310	3	0	93	H300430-3610	36	0	258
H300430-06S	0	6	108	H300430-42S	0	42	288
H300430-0210-04S	2	4	108	H300430-0610-36S	6	36	288
H300430-0410-02S	4	2	108	H300430-1210-30S	12	30	288
H300430-0610	6	0	108	H300430-4210	42	0	288
H300430-12S	0	12	138	H300430-48S	0	48	318
H300430-0210-10S	2	10	138	H300430-0610-42S	6	42	318
H300430-0310-09S	3	9	138	H300430-1210-36S	12	36	318
H300430-0610-06S	6	6	138	H300430-1810-30S	18	30	318
H300430-0810-04S	8	4	138	H300430-2410-24S	24	24	318
H300430-1010-02S	10	2	138	H300430-4810	48	0	318
H300430-1210	12	0	138	H300430-60S	0	60	378
H300430-18S	0	18	168	H300430-0610-54S	6	54	378
H300430-0210-16S	2	16	168	H300430-0910-51S	9	51	378
H300430-0410-14S	4	14	168	H300430-1210-48S	12	48	378
H300430-0610-12S	6	12	168	H300430-2410-36S	24	36	378
H300430-0810-10S	8	10	168	H300430-72S	0	72	438

Part no.	10A	Signal or 5A	Length L(mm)	Part no.	10A	Signal or 5A	Length L(mm)
H300430-1010-08S	10	8	168	H300430-1210-60S	12	60	438
H300430-1210-06S	12	6	168	H300430-2410-48S	24	48	438
H300430-1410-04S	14	4	168	H300430-3610-36S	36	36	438
H300430-1610-02S	16	2	168	H300430-84S	0	84	498
H300430-24S	0	24	198	H300430-1210-72S	12	72	498
H300430-0410-20S	4	20	198	H300430-2410-60S	24	60	498
H300430-0610-18S	6	18	198	H300430-3610-48S	36	48	498
H300430-1210-12S	12	12	198	H300430-96S	0	96	558
H300430-1810-06S	18	6	198	H300430-1210-84S	12	84	558
H300430-2410	24	0	198	H300430-2410-72S	24	72	558
H300430-30S	0	30	228	H300430-3610-60S	36	60	558
H300430-0610-24S	6	24	228	H300430-4210-54S	42	54	558
H300430-1210-18S	12	18	228	H300430-108S	0	108	618
H300430-1810-12S	18	12	228	H300430-1210-96S	12	96	618
H300430-2410-06S	24	6	228	H300430-2410-84S	24	84	618
H300430-3010	30	0	228	H300430-3610-72S	36	72	618

*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	600RPM	80millisons revolutions	precious metal
H:high quality	1000RPM	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 , H300430-06S 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#....