

H200320 Series

H200320 series standard precise slip ring , integrated structure design, with through hole 200mm , OD320mm , suitable for rotating application which requires a through hole <=200mm (remark: if need a hole <200mm, can add a inner bushing)



H200320 Series

H Series Through Hole Slip Ring

Part No. description

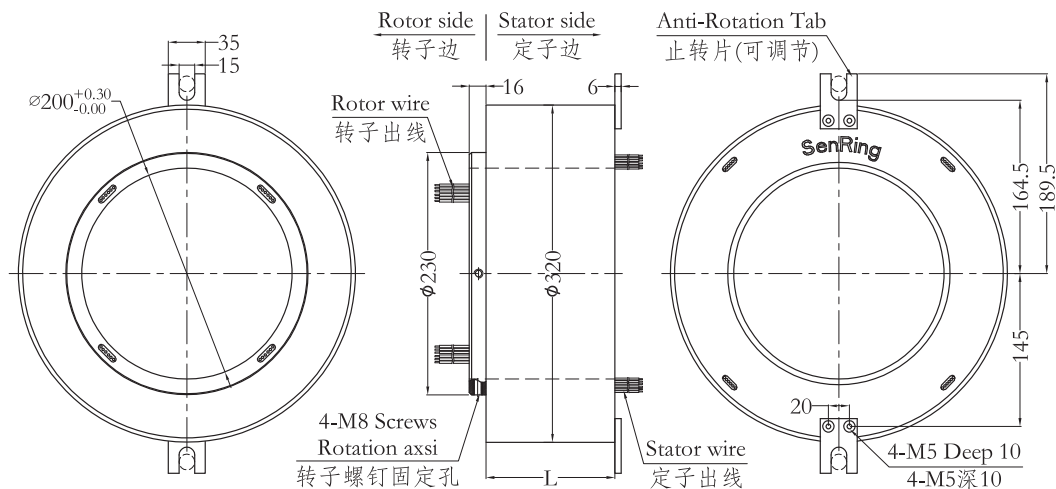
H200320 - Power circuits no. - Signal circuits no. - Erodct grade

H:through hole slip ring
200320:ID 200mm, OD 320mm

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

H200320 series model list							
Part no.	Circuit		Length L(mm)	Part no.	Circuit		Length L(mm)
	10A	Signal or 5A			10A	Signal or 5A	
H200320-02S	0	2	71	H200320-36S	0	36	275
H200320-0210	2	0	71	H200320-0610-30S	6	30	275
H200320-03S	0	3	77	H200320-1210-S24	12	24	275
H200320-0310	3	0	77	H200320-3610	36	0	275
H200320-06S	0	6	95	H200320-42S	0	42	311
H200320-0210-04S	2	4	95	H200320-0610-36S	6	36	311
H200320-0410-02S	4	2	95	H200320-1210-30S	12	30	311
H200320-0610	6	0	95	H200320-4210	42	0	311
H200320-12S	0	12	131	H200320-48S	0	48	347
H200320-0210-10S	2	10	131	H200320-0610-42S	6	42	347
H200320-0310-09S	3	9	131	H200320-1210-36S	12	36	347
H200320-0610-06S	6	6	131	H200320-1810-30S	18	30	347
H200320-0810-04S	8	4	131	H200320-2410-24S	24	24	347
H200320-1010-02S	10	2	131	H200320-4810	48	0	347
H200320-1210	12	0	131	H200320-60S	0	60	419
H200320-18S	0	18	167	H200320-0610-54S	6	54	419
H200320-0210-16S	2	16	167	H200320-0910-51S	9	51	419
H200320-0410-14S	4	14	167	H200320-1210-48S	12	48	419
H200320-0610-12S	6	12	167	H200320-2410-36S	24	36	419
H200320-0810-10S	8	10	167	H200320-72S	0	72	491

Part no.	10A	Signal or 5A	Length L(mm)	Part no.	10A	Signal or 5A	Length L(mm)
H200320-1010-08S	10	8	167	H200320-1210-60S	12	60	491
H200320-1210-06S	12	6	167	H200320-2410-48S	24	48	491
H200320-1410-04S	14	4	167	H200320-3610-36S	36	36	491
H200320-1610-02S	16	2	167	H200320-84S	0	84	563
H200320-24S	0	24	203	H200320-1210-72S	12	72	563
H200320-0410-20S	4	20	203	H200320-2410-60S	24	60	563
H200320-0610-18S	6	18	203	H200320-3610-48S	36	48	563
H200320-1210-12S	12	12	203	H200320-96S	0	96	635
H200320-1810-06S	18	6	203	H200320-1210-84S	12	84	635
H200320-2410	24	0	203	H200320-2410-72S	24	72	635
H200320-30S	0	30	239	H200320-3610-60S	36	60	635
H200320-0610-24S	6	24	239	H200320-4210-54S	42	54	635
H200320-1210-18S	12	18	239	H200320-108S	0	108	707
H200320-1810-12S	18	12	239	H200320-1210-96S	12	96	707
H200320-2410-06S	24	6	239	H200320-2410-84S	24	84	707
H200320-3010	30	0	239	H200320-3610-72S	36	72	707

*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	150RPM	20millions revolutions	precious metal
D:industrial	600RPM	60millions revolutions	precious metal
H:high quality	1200RPM	150millions 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 , H200320-06S 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#....