

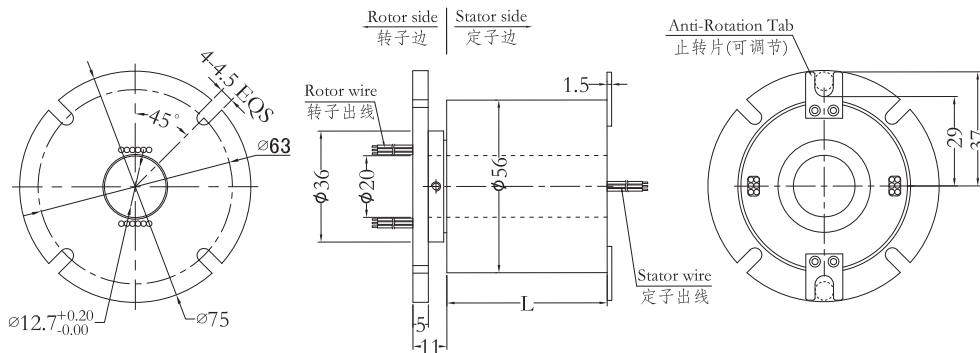


## H2056F Series

H2056F series standard precise slip ring with flange, integrated structure design, with through hole 20mm , OD56mm , suitable for rotating application which requires a through hole <math>\leq 20\text{mm}</math> ( remark: if need a hole <math>< 20\text{mm}</math>, can add a inner bushing)

### Part No. description

<p>H2056 - F - Power circuits no. - Signal circuits no. - Erodect grade</p>	
<p>H:through hole slip ring 2056:ID 20mm, OD 56mm</p>	<p>Example: C: standard level D:Industrial level H:High quality level</p>
<p>F:with rotor flange(optional)</p>	
<p>Example: 0610:6 circuits,10A per circuit 1220:2circuits,10A per circuit</p>	<p>Example: 06S:6circuits signal (0~2A) 12S:12circuits signal (0~2A)</p>



### Standard Model List

H2056F series model list							
Part no.	Circuits		Length L(mm)	Part no.	Circuits		Length L(mm)
	10A	Signal or 0~5A			10A	Signal or 0~5A	
H2056F-02S	0	2	23	H2056F-1010-08S	10	8	68.5
H2056F-0210	2	0	23	H2056F-1210-06S	12	6	68.5
H2056F-03S	0	3	26	H2056F-1410-04S	14	4	68.5
H2056F-0310	3	0	26	H2056F-1610-02S	16	2	68.5
H2056F-06S	0	6	34	H2056F-24S	0	24	85.5
H2056F-0210-04S	2	4	34	H2056F-0410-20S	4	20	85.5
H2056F-0410-02S	4	2	34	H2056F-0610-18S	6	18	85.5
H2056F-0610	6	0	34	H2056F-1210-12S	12	12	85.5
H2056F-12S	0	12	52	H2056F-1810-06S	18	6	85.5
H2056F-0210-10S	2	10	52	H2056F-2410	24	0	85.5
H2056F-0310-09S	3	9	52	H2056F-30S	0	30	101
H2056F-0610-06S	6	6	52	H2056F-0210-28S	2	28	101
H2056F-0810-04S	8	4	52	H2056F-0410-26S	4	26	101
H2056F-1010-02S	10	2	52	H2056F-0610-24S	6	24	101
H2056F-1210	12	0	52	H2056F-36S	0	36	119
H2056F-18S	0	18	68.5	H2056F-0410-32S	4	32	119
H2056F-0210-16S	2	16	68.5	H2056F-0610-30S	6	30	119
H2056F-0410-14S	4	14	68.5	H2056F-42S	0	42	137
H2056F-0610-12S	6	12	68.5	H2056F-0410-38S	4	38	137
H2056F-0810-10S	8	10	68.5	H2056F-48S	0	48	153

\*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	0~440VAC/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	0.05N.m (+0.02N.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 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 , H2056F-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#...