

# H0835 Series

H0835series standard precise slip ring, integrated structure design, with through hole 8mm , OD35mm , suitable for rotating application which requires a through hole  $\leq 8\text{mm}$  ( remark: if need a hole  $< 8\text{mm}$ , can add a inner bushing)



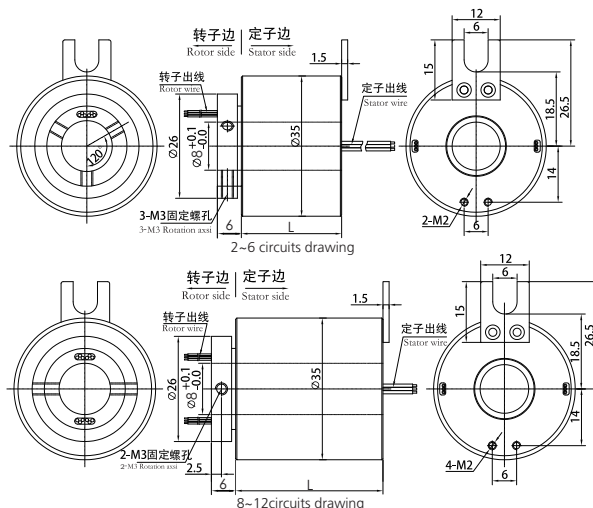
## Part No. Description

H0835 - Signal circuits no. - Eproduct grade

H:through hole slip ring  
0835:ID 8mm, OD 35mm

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

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



## Standard Model List

H0835 series model list			
Part no.	Circuits no. (signal or 0~5A)	Length L(mm)	
H0835-0205	2	25	
H0835-0305	3	25	
H0835-0405	4	25	
H0835-0605	6	25	
H0835-0805	8	36.4	
H0835-1005	10	36.4	
H0835-1205	12	36.4	

\*Remark: Circuits can be combined in parallel for bigger current, N circuits of 2A to get N\*2A, such as 2 circuits of 2A in parallel for 4A use.

## Technical Specification

Mechanical		Electrical	
Spec	Data	Spec	Data
Working life	pls refer to product grade table	Rated voltage	0~240VAC/VDC
Rotating speed	pls refer to product grade table	Insulation resistance	$\geq 500\text{m}\Omega/500\text{VDC}$
Working temp.	-30°C~80°C	Lead wire spec.	AWG22# Silver-plated teflon
Work humidity	0~85% RH	Lead wire length	standard 300mm(can be customized)
Contact material	pls refer to produce grade table	Dielectric Strength	500VAC@50Hz, 60s
Housing material	AL alloy	Electrical noise	$< 0.01\Omega$
Torque	0.05N.m (+0.02N.m/6circuits)		
IP grade	IP51		

## Product Grade Table

Max rotating speed		Working life	
Grade code	250RPM	20millions revolutions	Contact material
C:standard	600RPM	80millions revolutions	precious metal
D:industrial	1000RPM	150millions revolutions	precious metal
H:high quality			gold alloy