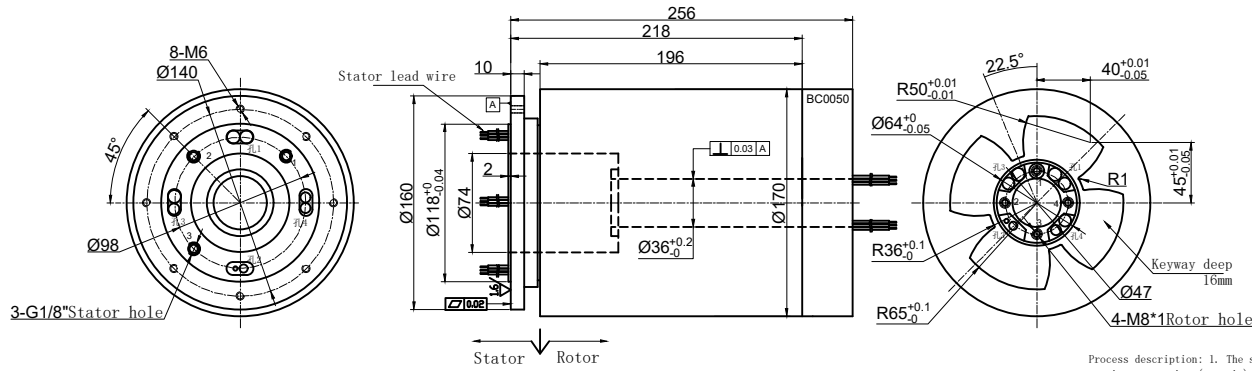


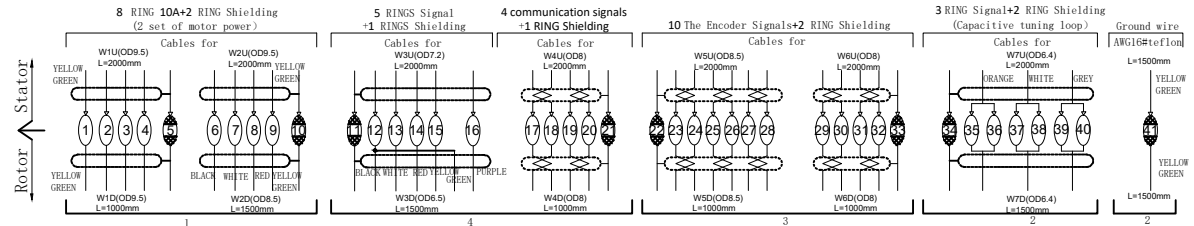
THIS DOCUMENT IS THE PROPERTY OF RION TECHNOLOGY(SHENZHEN) LTD.(HEREAFTER"RION"),IT IS LENT AND IS TO BE RETURNED UPON REQUEST,THE CONTENTS OF THIS DOCUMENT ARE CONFIDENTIAL AND CONSTITUTE TRADE SECRETS PROPRIETARY TO RION,THIS DOCUMENT NOR ITS CONTENTS DOCUMENT NOR ITS CONTENTS SHALL BE DISCLOSED TO ANY UNAUTHORIAED PERSON COPIED OR PUBLISHED WITHOUT RION PRIOR WRITTEN CONSENT.  
COPY RIGHT@2023 RION TECHNOLOGY

Note:  
(1) slip ring can maximum acceleration of the motor drive: 8 PI rad/s squared  
(2) with the moving parts of the machine tool, slip ring movement, in the three-dimensional space, Under the premise of and does not affect the service life of the slip ring,  
Subjected to the operation condition of the minimum acceleration as: 3 g.  
(3) slip ring maximum speed of 500 RPM.



Process description: 1. The shaft with special steel + wear-resisting coating processing (ceramic) plating  
2. Contact with high conductivity precious metal plating materials  
3. The shell special metal wear-resisting hardening treatment

Weight: 11.5 KG  
1: air  
2: 3: water  
4: leak hole



### Electrical Specification

1	Rings	41	2	Current	Power module:9 rings ,10A/ring Signal module: 22 rings signal +7 rings shielding
2	Voltage	0-400VAC/VDC			
3	Insulation Resistance	500MΩ@500VDC			
4	Electrical noise	Max.10mΩ;			
5	Dielectric strength	500VAC@50Hz;60S			

### Mechanical Specification

6	Speed	0~250RPM;	7	Torque	Max.12 N.M;
---	-------	-----------	---	--------	-------------


### Environmental adaptability

9	Working temperature	-20℃~+80℃	10	Storage temperature	-30 ~+100
11	humidity	85±3%(30℃+5℃)			
12	Rush	40g,11ms,Half sine wave, Vertical direction 3 times,Level 3times			
13	IP Class	IP51	17	Life	20 million r

### Material/Attachment

14	Contact Material	noble matal	15	Housing material	ALL Alloy
16	Lead wire	Rotor: (See wiring diagram) Stator: (See wiring diagram)			

Pathways	2 channel water (Ø 6 pipe)+ 1 way air (Ø 8 trachea)
Pressure	0.8 MPA (pressure); 20 kg (pressure)
Torsion	T ≤ 12N. M
Medium type	compressed air+water
Material	Shaft with special steel + wear-resisting coating processing.

UNLESS OTHERWISE SPECIFIED		TOLERANCES (EXCEPT AS NOTED)		2 road water+1 road gas+9 rings 10A+ 22 rings signal +7 rings shielding	
1.ALL DIMENSIONS ARE IN MM HES BREAK SHARP EDGES &DEBURR		DECIMAL X±.1		MODEL <b>REPH300-02-P0810-S30-ID36</b>	
2.MATERIAL&FINISH TO BE AS NOTED OR SUBSTITUTED WITH AN APPROVED AND TESTED EQUIVALENT		XX±.03			
FILLETS R.015 FINISH 125 ✓		XXX±.005			
THIRD ANGLE PROJECTION		FRACTIONAL±1/16		RE V.	A / 0
ANGULAR±1°		ANGULAR±1°		SCALE	1:1
DWG.NO	FSD	DATE	2022-11-09	UNIT	mm