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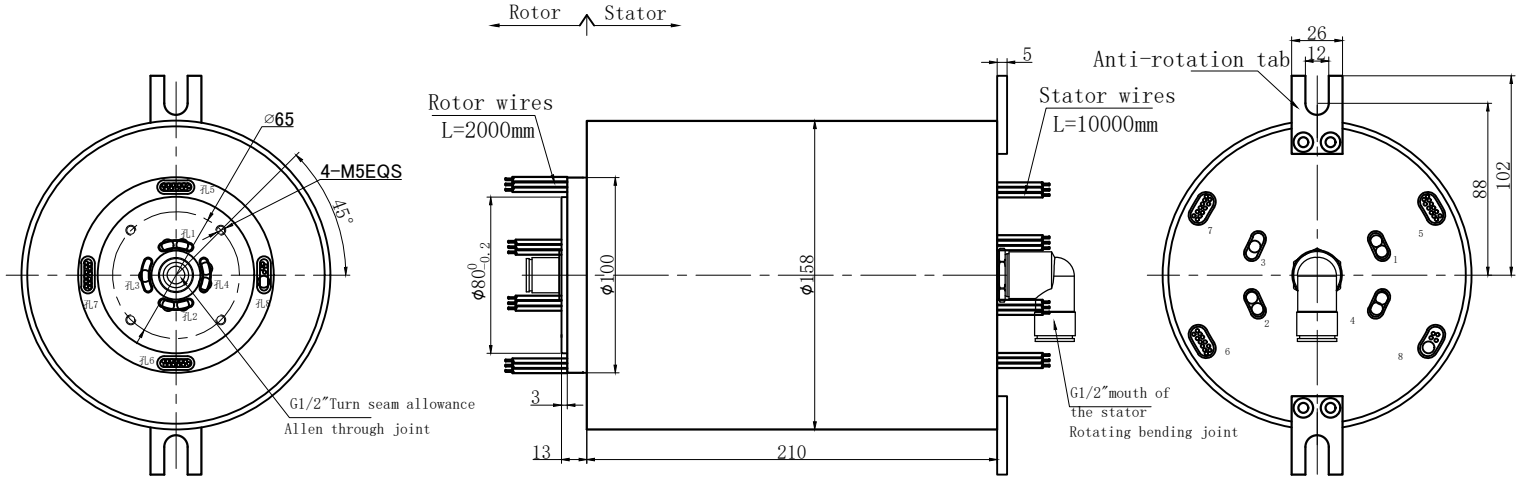

Electrical Specification

1	Rings	94	2	Current	Power module:40 rings ,10A/ring Signal module: 44 rings signal +10 rings shield
2	Voltage	0-380VAC/VDC			
3	Insulation Resistance	350MΩ@500VDC			
4	Electrical noise	Max.10mΩ;			
5	Dielectric strength	500VAC@50Hz;60S			

Mechanical Specification

6	Speed	0~100RPM;	7	Torque	Max.2 N.M;

Environmental adaptability

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

Material/Attachment

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

Rotary joint technical parameters	
1 Channel	Tracheal joint G1/2 ″, size 16 mm
Pressure	Air pressure 1 Mpa
Torsion	T≤2 N.M
Medium type	compressed air
Maximum speed	0-100 RPM
Temperature	-30° C ~+ 80° C
Material	ALL Alloy

UNLESS OTHERWISE SPECIFIED
1.ALL DIMENSIONS ARE IN MM HES BREAK SHARP EDGES &DEBURR
2.MATERIAL&FINISH TO BE AS NOTED OR SUBSTITUTED WITH AN APPROVED AND TESTED EQUIVALENT
FILLETS R.015 FINISH
THIRD ANGLE PROJECTION

TOLERANCES (EXCEPT AS NOTED)
DECIMAL X±.1 XX±.03 XXX±.005
FRACTIONAL±1/16
ANGULAR±1°

1 channel gas+40 rings 10A+44 rings signal +10 rings shield

MODEL	RAPH100-05-P4010-S52
SIZE	A
REV.	A/0
SCALE	1:1
DWG.NO	FSD
DATE	2022-11-09
UNIT	mm