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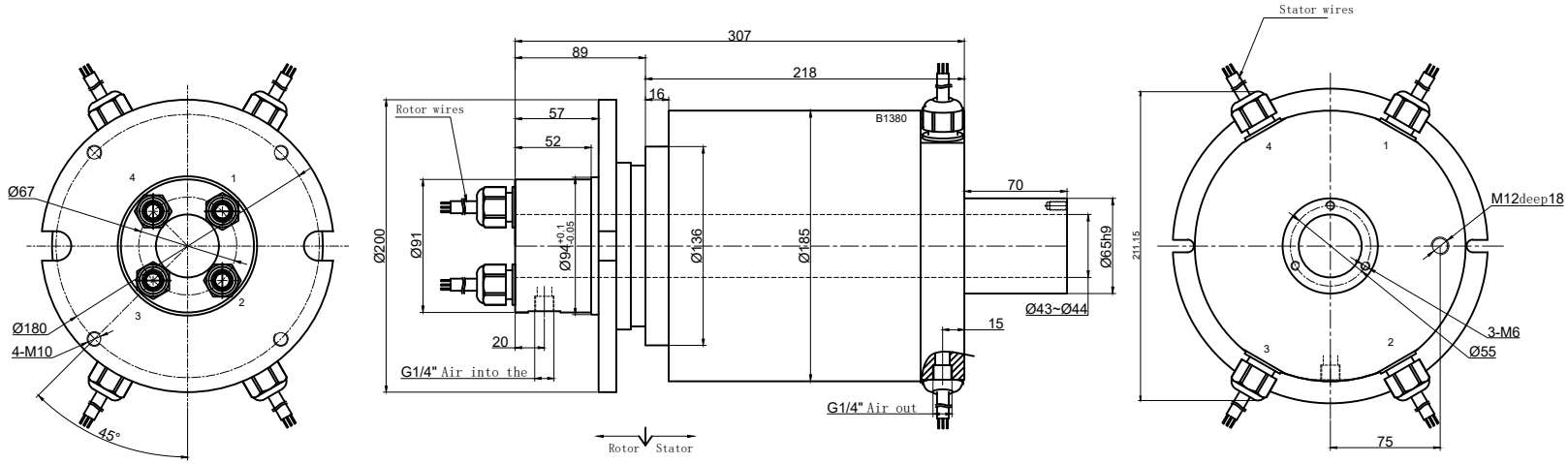
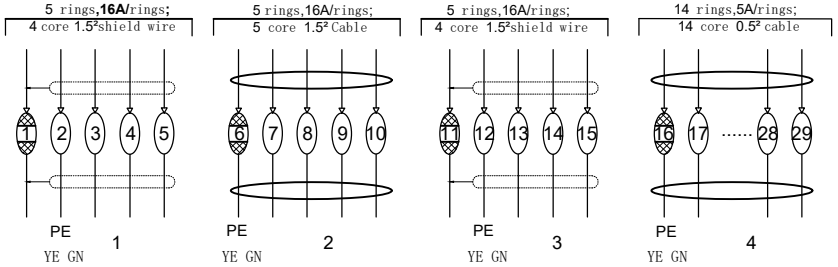


Rotary joint technical parameters	
1 Channel	Tracheal joint G1/4 ",
Pressure	Air pressure 1 Mpa
Torsion	T≤7.5 N.M
Medium type	compressed air
Maximum speed	0-250 RPM
Temperature	-40° C ~+ 80° C
Material	ALL Alloy

All PE on the main shaft and the shell



Electrical Specification

1	Rings	29	2	Current	Power module:15 rings ,16A/ring Signal module: 14 rings **5A**
2	Voltage	0-300VAC/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.7.5 N.M;

Environmental adaptability

9	Working temperature	-40℃~+80℃	10	Storage temperature	-40 ~+80
11	humidity	85±3%(30℃+5℃)			
12	Rush	40g,11ms,Half sine wave, Vertical direction 3 times,Level 3times			
13	IP Class	IP65			

Material/Attachment

14	Contact Material	noble matal	15	Housing material	ALL Alloy
16	Lead wire	Rotor: 2000MM (See wiring diagram) Stator: 2000MM(See wiring diagram)			

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 125

THIRD ANGLE PROJECTION

TOLERANCES (EXCEPT AS NOTED)

DECIMAL X±.1
XX±.03
XXX±.005

FRACTIONAL±1/16
ANGULAR±1°

1 rings air+**15** rings **16A+14** rings **5A**

MODEL	REPH100-03-P1516-S14-ID43-IP65-V02
SIZE	A
R E V.	A / 0
SCALE	1:1
DWG.NO	FSD
DATE	2022-11-09
UNIT	mm