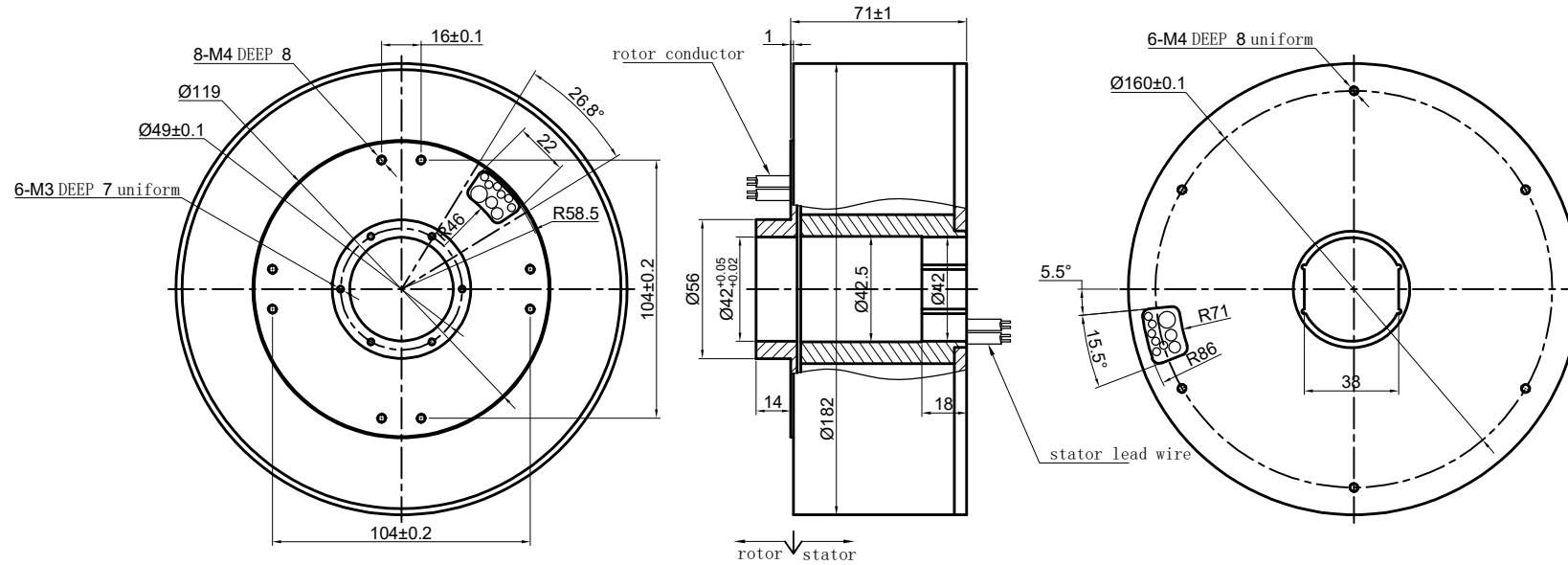


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### Electrical Specification

1	Rings	19	2	Current	Power module:6 rings ,25A/ring Signal module: 4 ring signal+9 Ethernet
2	Voltage	0-24VAC/VDC			
3	Insulation Resistance	500MΩ@500VDC(Current)	100MΩ@300VDC(signal)		
4	Electrical noise	Max.10mΩ;			
5	Dielectric strength	500VAC@50Hz;60S(Current)	300VAC@50Hz;60S(signal)		

### Mechanical Specification



6	Speed	0~60RPM;	7	Torque	≤0.5N.m(normal temperature); ≤2N.m(-55°C)
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### Environmental adaptability

9	Working temperature	-55°C~+80°C	10	Storage temperature	-55°C~+80°C
11	humidity	85±3%(30°C+5°C)			
12	Rush	40g,11ms,Half sine wave, Vertical direction 3 times,Level 3times			
13	IP Class	IP63			

### Material/Attachment

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

UNLESS OTHERWISE SPECIFIED		TOLERANCES (EXCEPT AS NOTED)		6 rings ,25A/ring+ 4 ring signal+9 Ethernet	
1.ALL DIMENSIONS ARE IN MM HES BREAK SHARP EDGES &DEBURR		DECIMAL X±.1		MODEL RT042-P0625-S04-1E	
2.MATERIAL&FINISH TO BE AS NOTED OR SUBSTITUTED WITH AN APPROVED AND TESTED EQUIVALENT		XX±.03			
FILLETS R.015 FINISH $\sqrt{\text{V}}$		XXX±.005			
THIRD ANGLE PROJECTION		FRACTIONAL±1/16		R E V.	A / 0
		ANGULAR±1°		SCALE	1:1
DWG.NO	FSD	DATE	2022-11-09	UNIT	mm