Technical Specification for Precision Seeding System

10-inch in-vehicle computer	
Technical Specifications of In-Vehicle Computer	
External Dimensions	280*180*50(mm)
System	Android 9
SOC	Qualcomm Octa-Core Processor (8953)
Protection Class	IP65
satellite antenna	Support, 1-2 channels
Data Transmission Interface	Support, 1 channel
Protection Class	IP65
WiFi	IEEE802.11b/g/n
4G	LTE-FDD:B1/B3/B5/B8 LTE-TDD:B34/B38/B39/B40/B41
Bluetooth	SPP,BLE
Camera	Support, 1-4 channels
Sim card	Support
Speaker	Support
display screen	10.1 inches, 1024*600
Memory	2GB+16GB

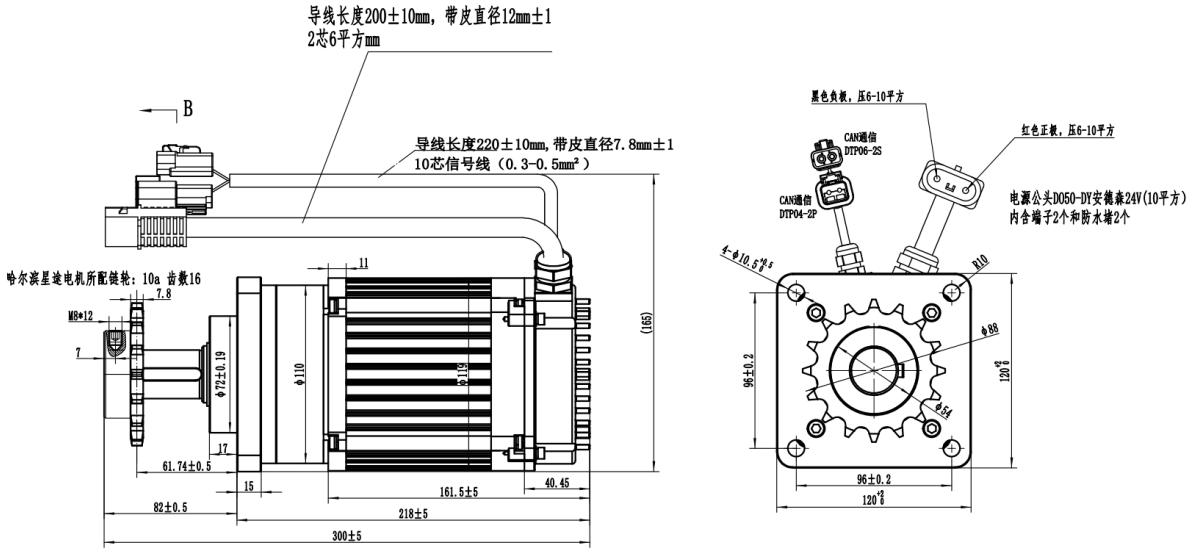




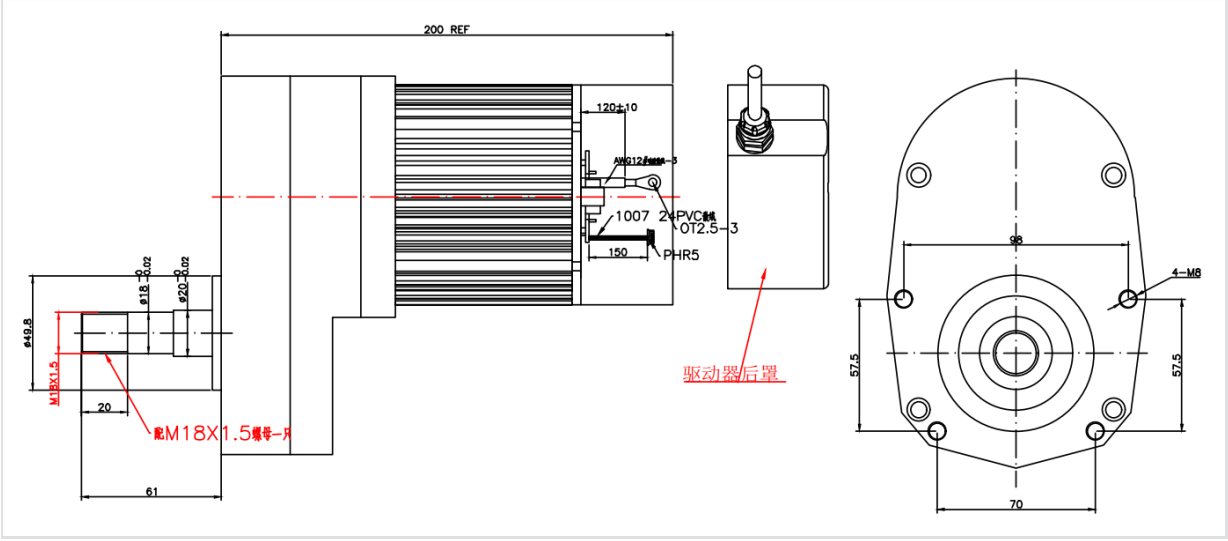
RTK Technical Specifications	
Positioning System	Full system, full frequency point, single antenna, dual antenna
Satellite Frequency	BDS：B1I/B2I/B3I/BI1C/B2a/B2b* GPS：L1 C/A/L2P(Y)/L2C/L5 Galileo：E1/E5a/E5b GLONASS：L1/L2

	QZSS: L1/L2/L5
RTK accuracy	Plane: 0.8cm + 1ppm Elevation: 1.5cm + 1ppm
Time accuracy	10ns
Orientation accuracy	0.2 degrees/1m base line
Speed accuracy	0.03m/s
RTK initialization time	< 5 s (typical)
Operating Temperature	-40°C ~ 85°C
Operating Voltage	9 ~16VDC
Operating Current	2.5A Max

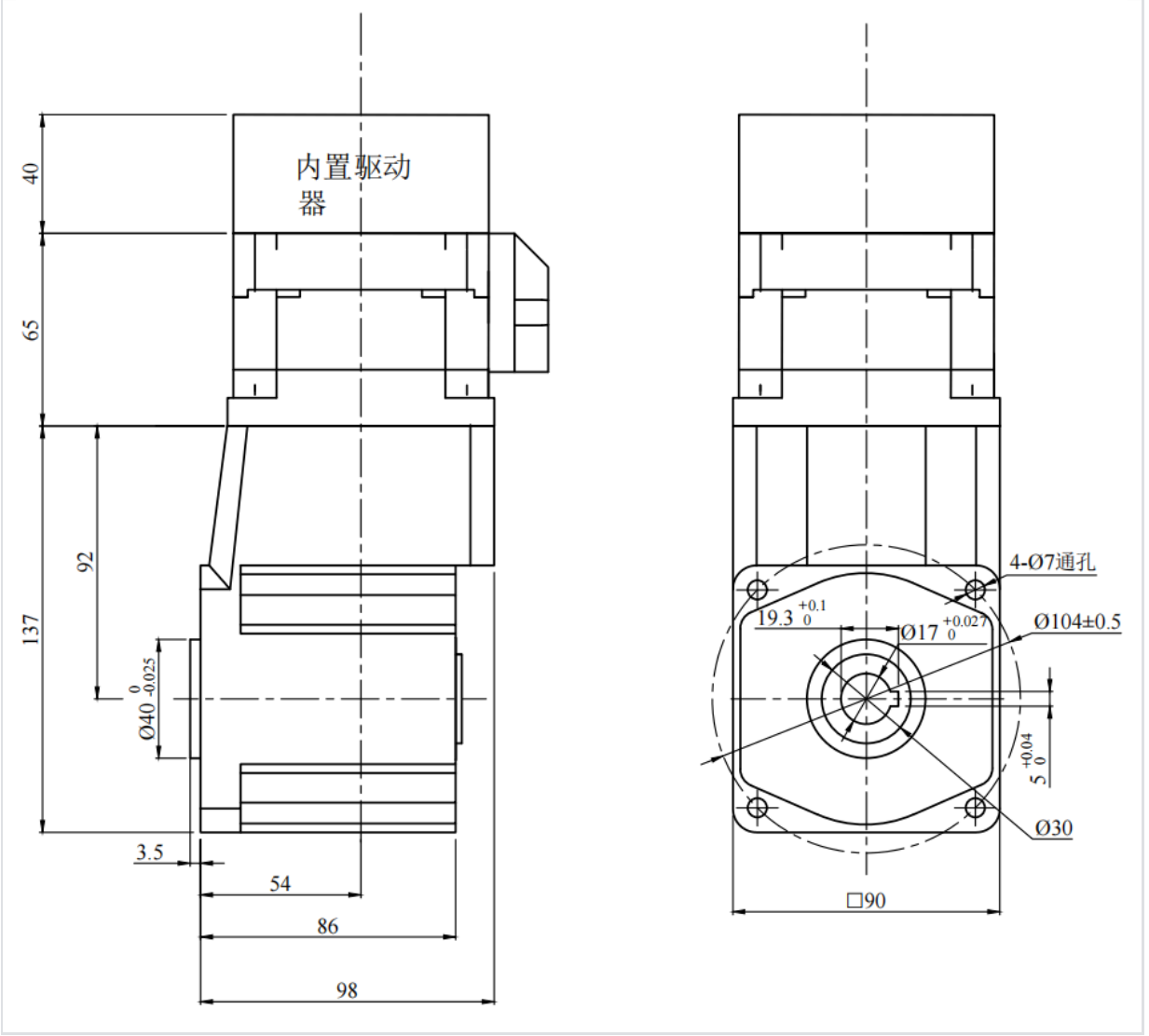
Motor Technical Specifications	
rated voltage	12VDC
rated current	40A
Torque after deceleration	50 Nm
Output maximum rotational speed	70±5rpm
Reduction ratio	18.367
Protection Class	IP66
Torque of M5 Threaded Screw	4.5~5.5N.m
Torque of M6 Threaded Screw	9~12N.m



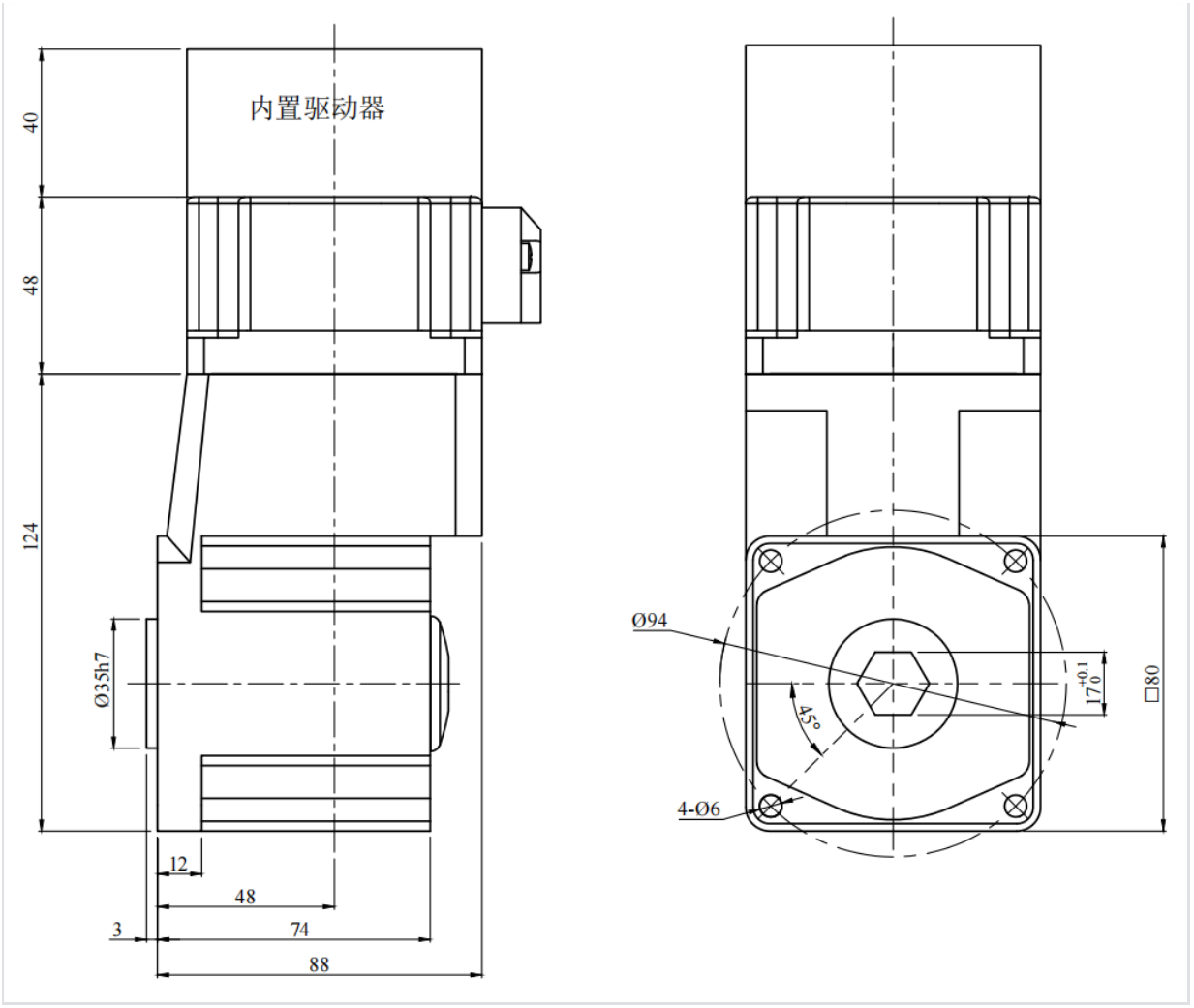
Motor Technical Specifications	
Speed Ratio	1：53.7
Voltage	12 VDC
Rated Power	450 W
Rated speed	4300 rpm
Maximum no-load speed	5000 rpm
rated current	47 A
Rated Torque	1 Nm
Peak Current	94 A
Peak Torque	2 Nm
RMS	1.66 V/Krpm



Motor Technical Specifications	
Voltage	12 V
Power	200 W
rated current	20.8 A
Rated speed	3000 r/min
Reduction ratio	1：30
Output rated speed	100 r/min
Output rated torque	13.4 N.m
Protection Class	IP54
Ambient Temperature	0°C~50°C
Ambient Humidity	<90%



Motor Technical Specifications	
Voltage	12 V
Power	120 W
rated current	12.5 A
Rated speed	3000 r/min
Reduction ratio	1：25
Output speed	120 r/min
Output Torque	6.6 N.m
Protection Class	IP54
Ambient Temperature	0°C~50°C
Ambient Humidity	<90%


内置驱动器
40
48
124
Ø35h7
12
48
3
74
88
Ø94
45°
4-Ø6
□80