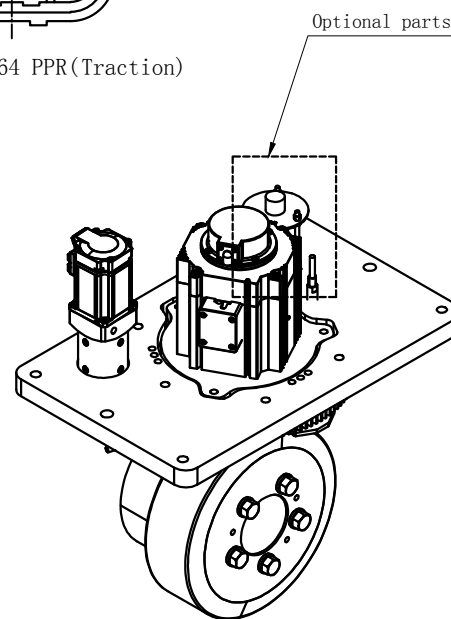
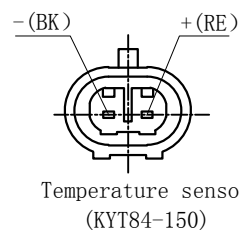
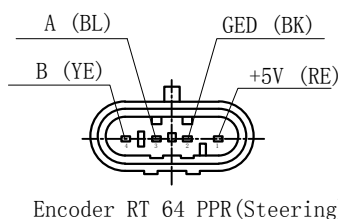
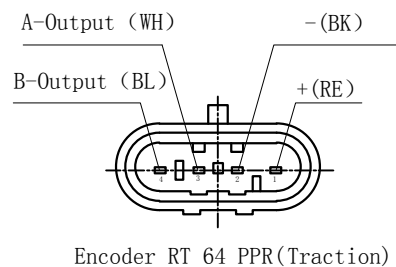
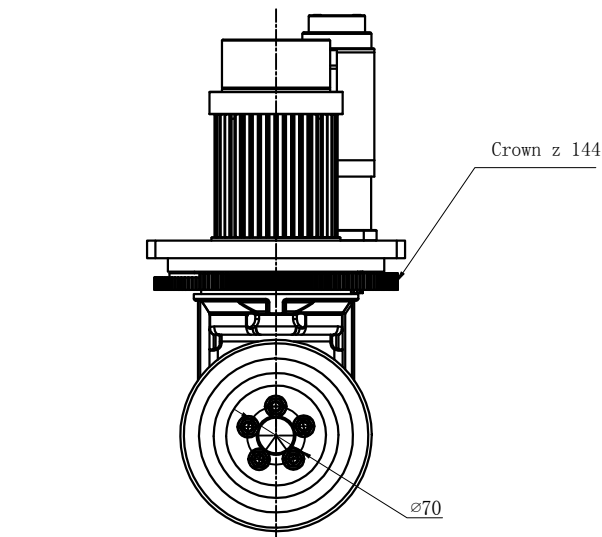
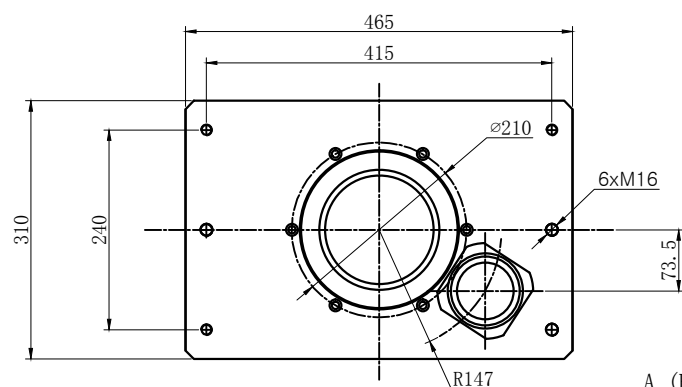
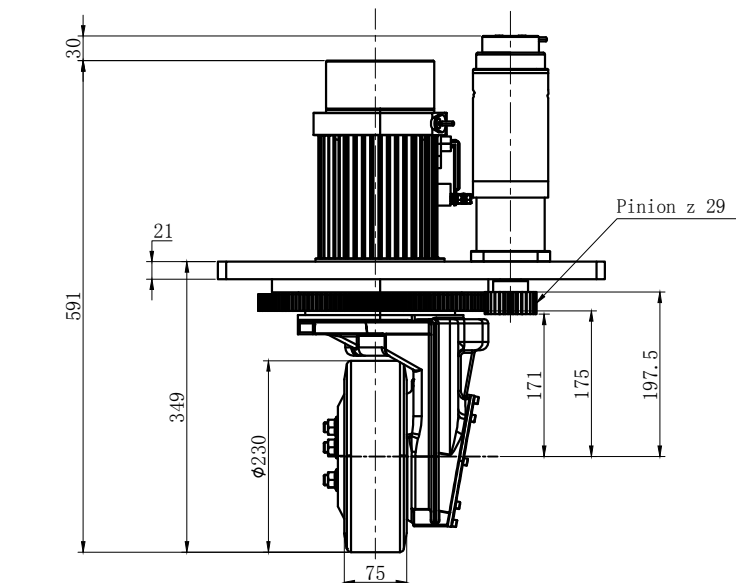




Traction motor data		
Type: Ac asynchronous motor		
Power (S2-60min)	W	1500
Battery voltage	V	24
Motor voltage	V	16
Speed	Rpm	3200
Frequency	Hz	110.7
Current	A	76.2
Torque	Nm	4.5
Enclosure	IP	54

Traction Gear data		
Gear ratio	I	30
Max accel. and braking torque	Nm	300
Nominal wheel torque	Nm	108
Max load on polyurethane wheel	Kg	1500
Brake torque	Nm	16
Lubrication		Grease

Steering motor data		
Type: DC brushed motor		
Power (S2-60min)	W	400
Battery voltage	V	24
Speed	Rpm	3000
Current	A	24
Torque	Nm	1.27
Gear ratio	I	33.92
Gear output torque	Nm	34.4
Enclosure	IP	20
Lubrication		Grease

Transmission gear parameters	Swing bearing gear	Steering gear
number of teeth	126	21
modulus	2	2
Tooth angle	20°	20°
helical angle	0	0
Number of paired teeth	21	126
Meshing center distance	147	

Drawn: L. M	Date: 2023.01.07	V1.0
Check:		