

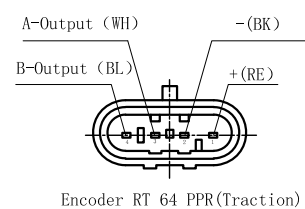
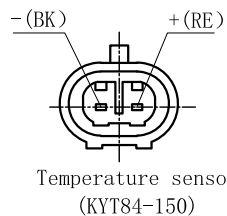
Traction motor data		
Type: Ac motor (TEC-S188P1500A32-24)		
Power (S2)	W	1500
Battery voltage	V	24
Speed	Rpm	3200
Current	A	76.2
Torque	Nm	4.13
Enclosure	IP	54

Traction Gear data		
Gear ratio	I	30
Nominal wheel torque	Nm	105
Max accel and braking torque	Nm	262.5
Max load on polyurethane wheel	Kg	1200
Brake torque	Nm	16
Lubrication	Grease	

Total weight	Kg	98
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Transmission gear parameters	Swing bearing gear	
number of teeth	126	
modulus	2	
Tooth angle	20°	
helical angle	0	
Number of paired teeth	26	
Meshing center distance		
Optional accessories:		
Limit switch, origin switch, external encoder (speed measuring end), potentiometer		

Brake wiring	
DEF	SIG
1	+24V
2	GND



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Check:	