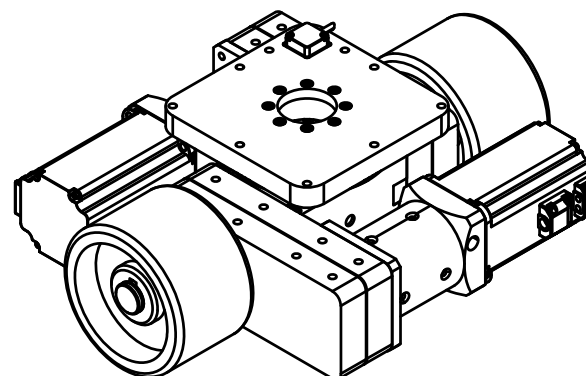
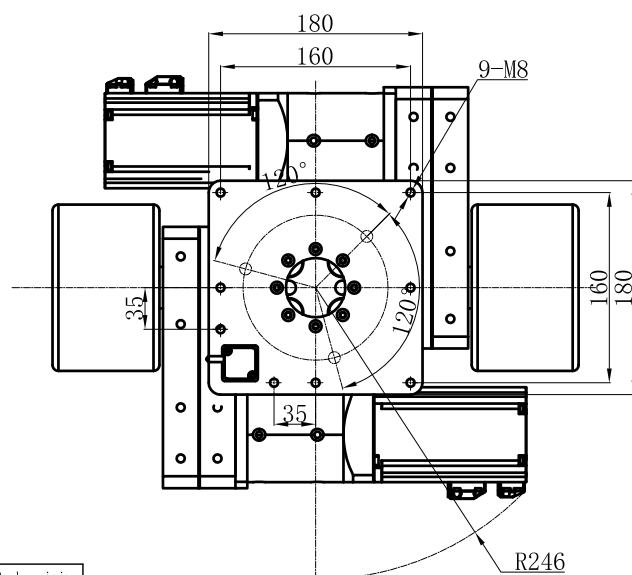
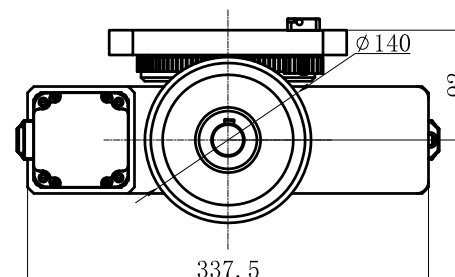
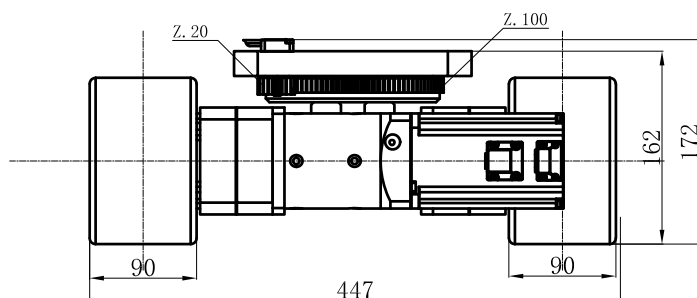
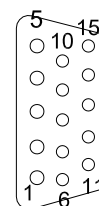




DB15 Male connector



Connector Detail (Power Wire)			Brake wiring	
PIN	CLO	FUNCTION	PIN	SIG
1	WR	U	1	24+
2	RD	V	2	-
3	CK	W		
4	YE/GN	PE		

Traction Encoder wiring definition															
PIN	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIG	5V+	GND	/	U	U-	Z	B	A	W	V	Z-	B-	A-	W-	V-

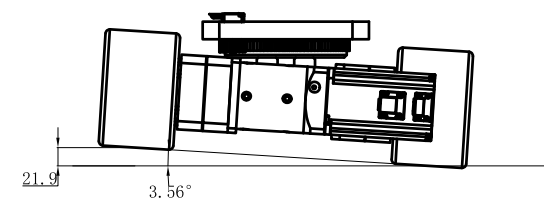
CODE:PLT140P102SP30-14-2DDB

Traction motor data

Type: Servo motor (SMC80S-0100-30WBK-5DCH)

Power (S2)	W	1000
Battery voltage	V (DC)	48
Current	A	26.4
Speed	rpm	3000
Rated Torque	Nm	3.18
Enclosure	IP	54
Encoder	incremental encoder	
Wheel diameter	mm	140
Gear ratio	I	14
Travel wheel speed	m/min	94
Travel wheel Rated Torque	Nm	38x2
Travel wheel peak torque	Nm	114x2
Lubrication	Grease	
Bearing	Kg	2000

Swing Radius	mm	246
Total weight	Kg	



CO	Shanghai Plutools Automation Equipment Co. Ltd	
URL	https://www.plutools.com/	
Drawn:	LXB	Date: 2026. 3. 16
Check:	 	