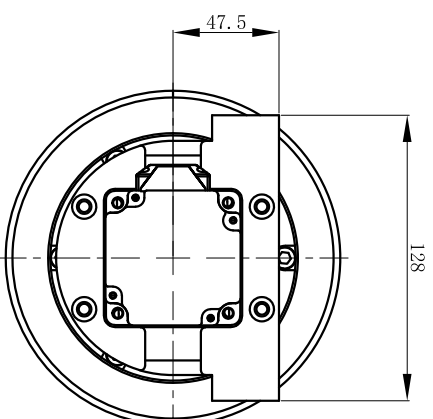
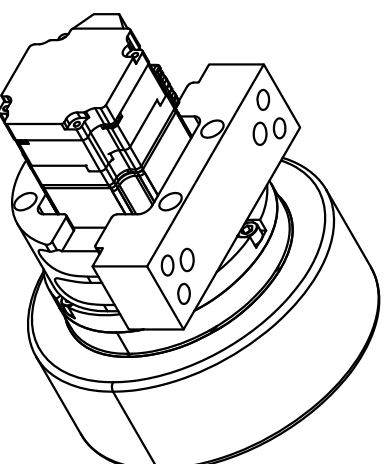




Traction motor data		
Type: Servo motor (TEC-A60P100S30-24-C)		
Power (S2)	W	400
Battery voltage	V	24
Speed	Rpm	3000
Current	A	22
Torque	Nm	1.28
Enclosure	IP	54

Traction Gear data	
Gear ratio	1 15
Nominal wheel torque	Nm 16
Max accel and braking torque	Nm 40
Max load on vulkollan wheel	Kg 450
Rated speed	m/min 94.2



Traction		Brake wiring	
Motor wiring		DEF	STG
DEF	Color	STG	
1	RD	U	
2	BK	V	
3	GN	W	1
4	YL/GN	PE	2
			GND

Transmission ratios that can be selected			
Gear ratio	I	15	30
Nominal wheel torque	Nm	16	30
Max accel and braking torque	Nm	40	77

Traction Encoder wiring definition															Shanghai Pitools Automation Corporation limited	
Incremental Encoder: 2500ppr															Motor poles: 10	
URL: https://www.pitools.com/															C0	
DEF															1	
2															3	
4															5	
6															7	
8															9	
10															11	
12															13	
14															15	
SIG															A-	
B-															Z-	
V-															W-	
A+															B+	
z+															U+	
V+															W+	
+5V															/	
0V															Check:	
Drawn: CZL															Date: 2024.8.27	
