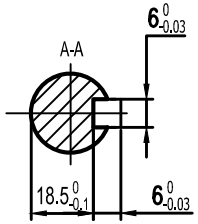
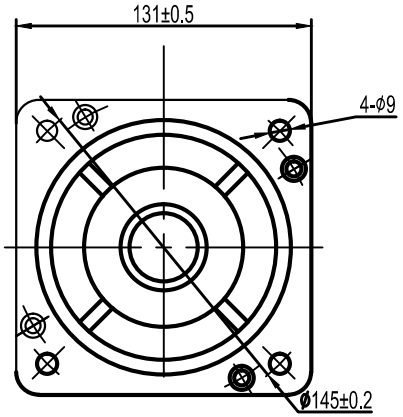
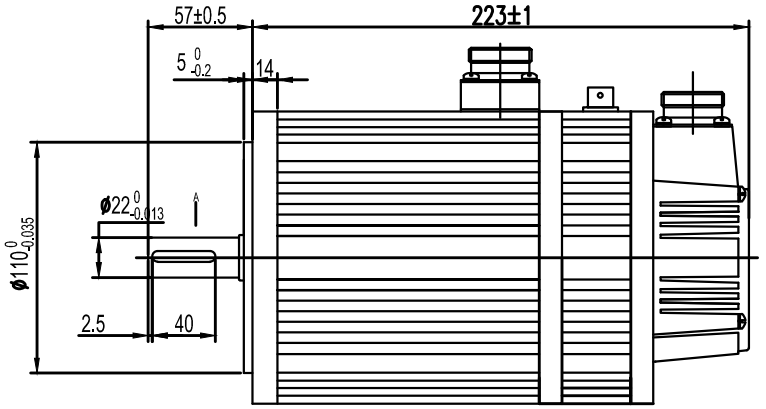
Rated voltage	200-220	V AC
Rated power	1000	W
Rated torque	4	N.m
Peak torque	12	N.m
Rated speed	2500	RPM
Peak speed	3000	RPM
Rated current	4	A_{rms}
Peak current	12	A_{rms}
Torque Const	1.0	N.m/AYms
Back EMF Const	72	V/KRPM
Resistance	2.76	Ω
Inductance	6.42	mH
Inertia	8.5	kg $m^{*}10^{-4}$
Poles	8	
Encoder type	17bit multiple-turn	
Protection level	IP65	



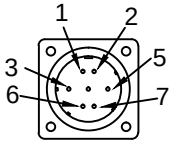




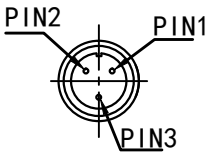
Motor side connector

connector	winding connector	encoder connector	braker connector
Terminal	YD28J4Z	YD28J7Z	XS12J3Y
Plastic shell			

wiring order of absolute encoder connector							
pos	1	2	3	4	5	6	7
col							
sig	PE	5V	0V	SD+	SD−	BAT+	BAT-



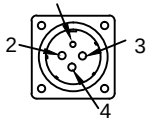
Braker connection	
1	2
0V	24V



Driver side connector

connector	winding connector	encoder connector	braker connector
Terminal	LS-YDA28K4TS-01	LS-YDA28K7TS-01	XS12K3P
Plastic shell			

winding connection				
position	1	2	3	4
colour				
signal	PE	U	V	W



Leadshine technology	
130# 1000W servo motor 17-bit absolute encoder and brake	version V1.0
ELM1000EM-130E-H	

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