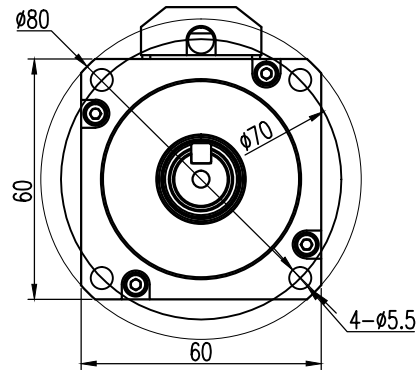
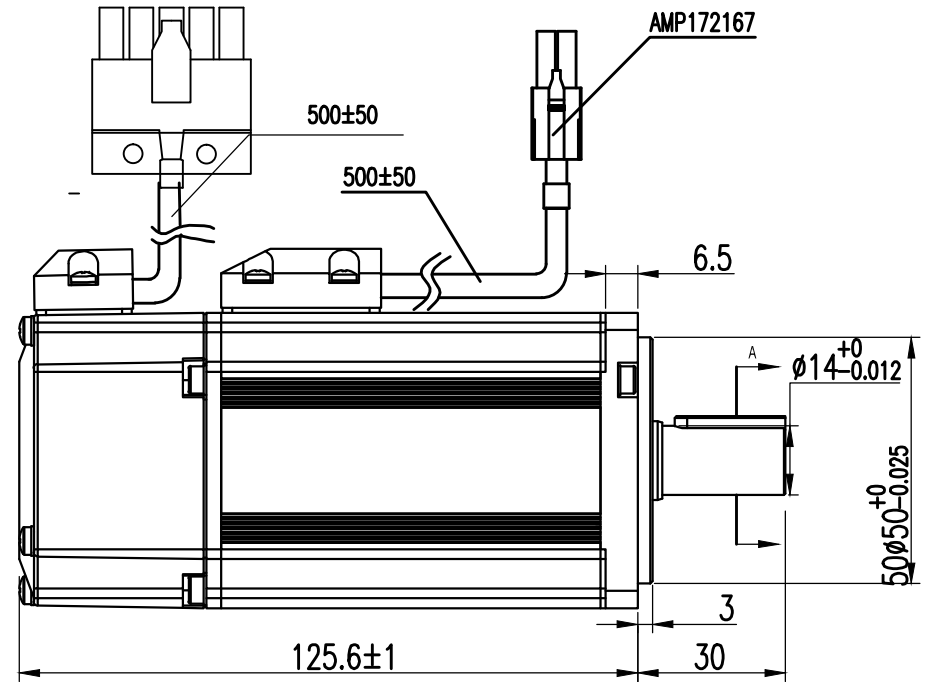
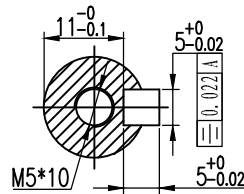


Rated voltage	200–220	V AC
Rated power	400	W
Rated torque	1.27	N.m
Peak torque	3.81	N.m
Rated speed	3000	RPM
Max speed	5000	RPM
Rated current	3.0	A _{rms}
peak current	10.8	A _{rms}
Torque Const	0.524	N.m/A _{rms}
Back EMF Const	31.7	V/KRPM
Resistance	2.7 ±10%	Ω
Inductance	6 ±20%	mH
Inertia	0.42	kg m ² 10 ⁻⁴
poles	10	
Encoder line	28AWG	
Winding line	18AWG	
protection level	IP54	



A-A
2: 1

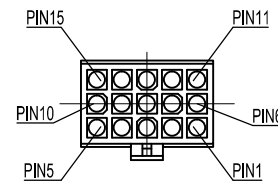
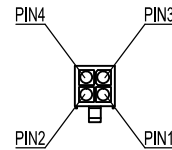


Motor side connector

connector	winding connector	encoder connector
Terminal	AMP770903-1	AMP770903-1
Plastic shell	AMP172167-1	AMP172171-1

Driver side connector

connector	winding connector	encoder connector
Terminal	AMP770904-1	AMP770904-1
Plastic shell	AMP172159-1	AMP172163-1



encoder connector															
pin	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
signal	shield	red	black	blue	pur/blk	brown	purple	Brown/blk	green	white	grey	White/blk	Gre/blk	Blue/blk	Grey/blk
colour	PE	5V	0V	B+	Z-	U+	Z+	U-	A+	W+	V+	W-	A-	B-	V-

winding connector				
pin	1	2	3	4
colour	blue	red	black	yel/gre
signal	U	W	V	PE

Leadshine Technology Co. Ltd

60mm / 400W / low inertia
motor with 2500line encoder

EL5-M0400-1-24