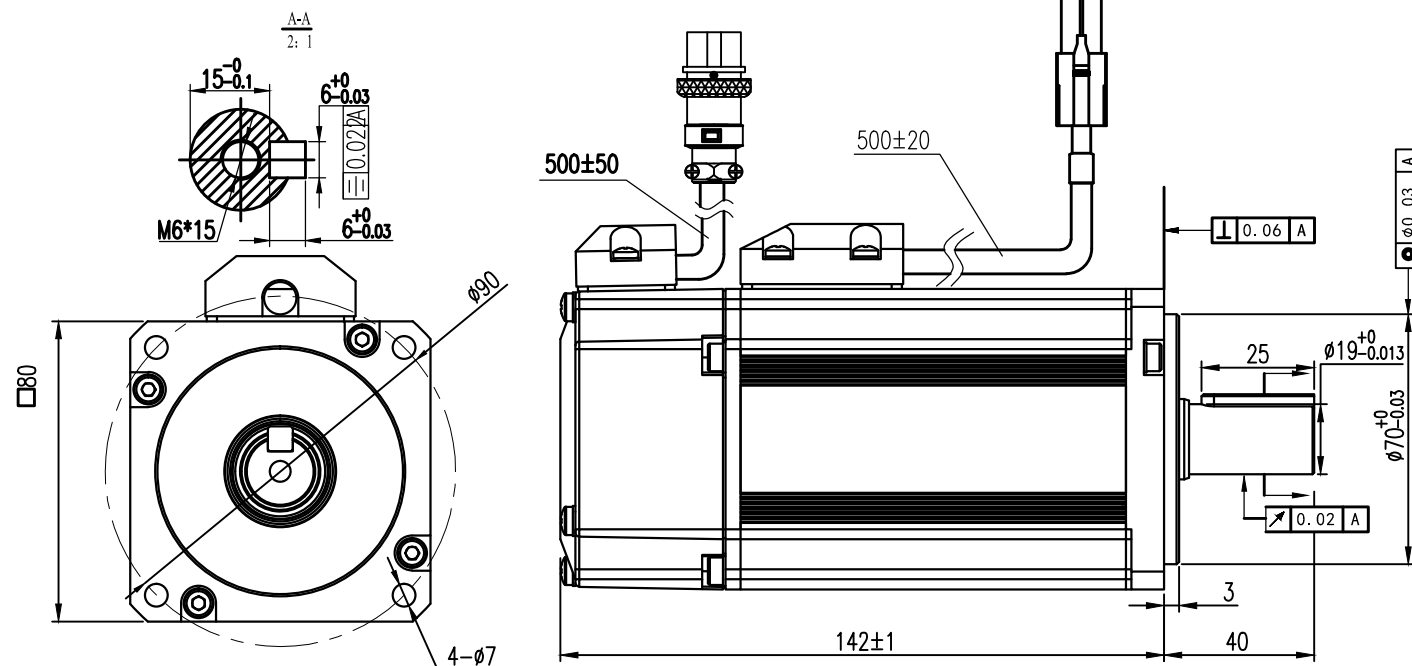


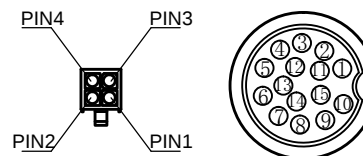
Rated voltage	200–220	V AC
Rated power	750	W
Rated torque	2.4	N.m
Peak torque	7.2	N.m
Rated speed	3000	RPM
Max speed	5000	RPM
Rated current	4.5	A_{rms}
peak current	13.5	A_{rms}
Torque Const	0.533	N.m/ A_{rms}
Back EMF Const	37	V/kRPM
Resistance	$1.51 \pm 10\%$	Ω
Inductance	$7.5 \pm 10\%$	mH
Inertia	1.5	$kg \cdot m^2 \cdot 10^{-4}$
poles	8	
encoder type	2500 incremental	
encoder line	28AWG	
winding line	18	
protection level	IP54	



Motor side connector

connector	winding connector	encoder connector
Terminal	AMP770903-1	19M-15K
Shell	AMP172167-1	

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



Driver side connector

connector	winding connector	encoder connector
Shell	AMP770904-1	19M-15A
Terminal	AMP172159-1	

wiring order of encoder connector														
position	1	2	3	4	5	6	7	8	9	10	11	12	13	14
signal	shield	red	black	green	Yel/wh	blue	yellow	Blue/whi	grey	orang	brown	Ora/whi	Gre/whi	Gre/whi
colour	PE	5V	0V	B+	Z-	U+	Z+	U-	A+	W+	V+	W-	A-	B-

Leadshine technology Co. Ltd	
80#/750W/medium inertia motor	version V1.0
ELM0750BM-80H-HS	