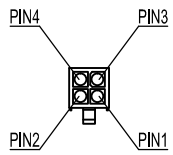
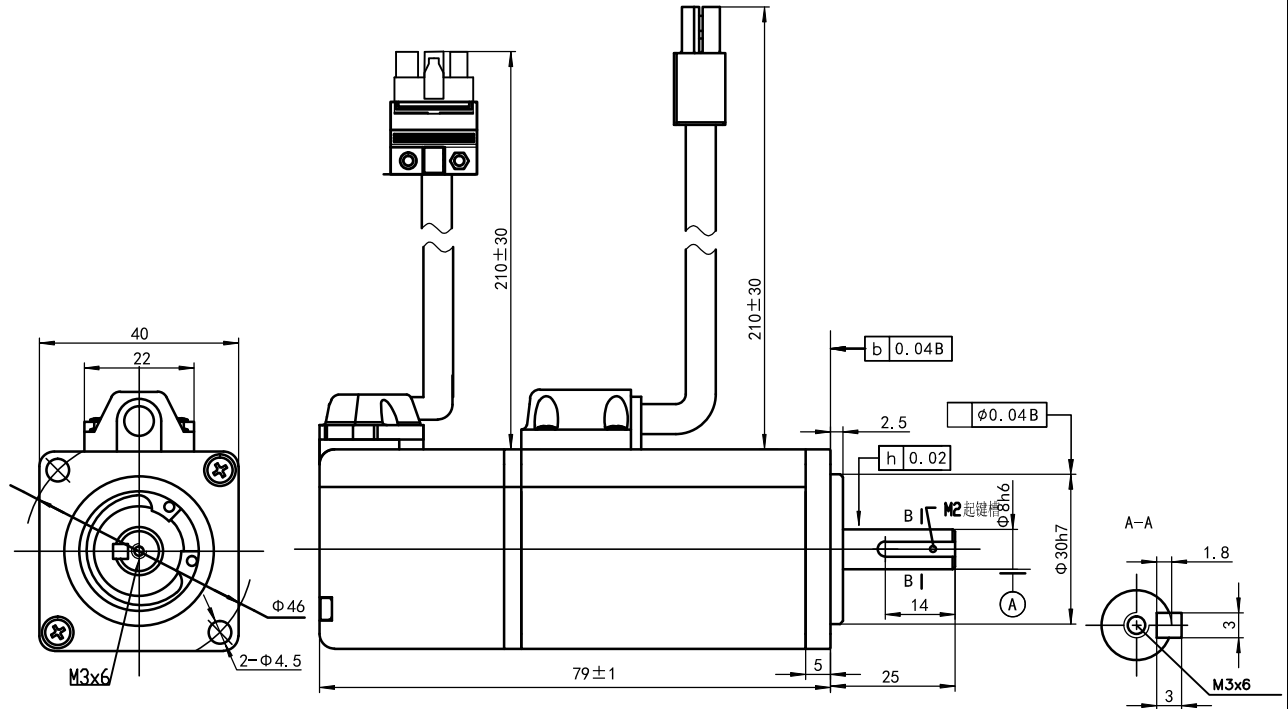
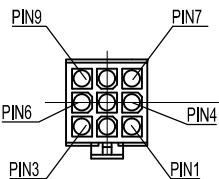


Rated Voltage (Vac)	200-220
Rated Power (w)	100
Rated Torque (N.m)	0.32
Peak Torque (N.m)	0.96
Rated Speed (rpm)	3000
Peak Speed (rpm)	6000
Rated Current (Amp)	1.1
Peak Current (Amp)	3.3
Torque Const (N.m/Amp)	0.289
Back EMF Const (V/krpm)	20.5
Resistance ( $\Omega$ )	14.3
Inductance (mH)	14.8
Inertia ( $\text{kg}\cdot\text{m}^2\cdot 10^{-4}$ )	0.046
Poles	8
Encoder type	17bit single-turn
Protection level	IP54



Wiring details of Power cable connector				
Pos	1	2	3	4
Signal	U	W	V	PE
Color	blue	red	black	Yel/Gre



Wiring details of encoder cable connector							
Pos	1	2	3	4	5	6	7
Signal	shield	white	black	blue	purple	--	--
Color	PE	5V	0V	SD+	SD-	--	--

Connector Code Of Extension Cable Side			
Type	Winding Connector	Encoder Connector	Brake Connector
Pin	170362-1	170361-1	--
Plastic shell	AMP172159-1	AMP172161-1	--

Connector Code Of Motor Side			
Type	Winding Connector	Encoder Connector	Brake Connector
Pin	170360-1	170359-1	--
Plastic shell	AMP172167-1	AMP172169-1	--

Leadshine Technology Co .Ltd

**ELM0100FL40H-SS**

40mm, low inertia, 100w servo motor  
17bit incremental encoder, no brake