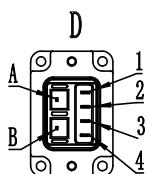
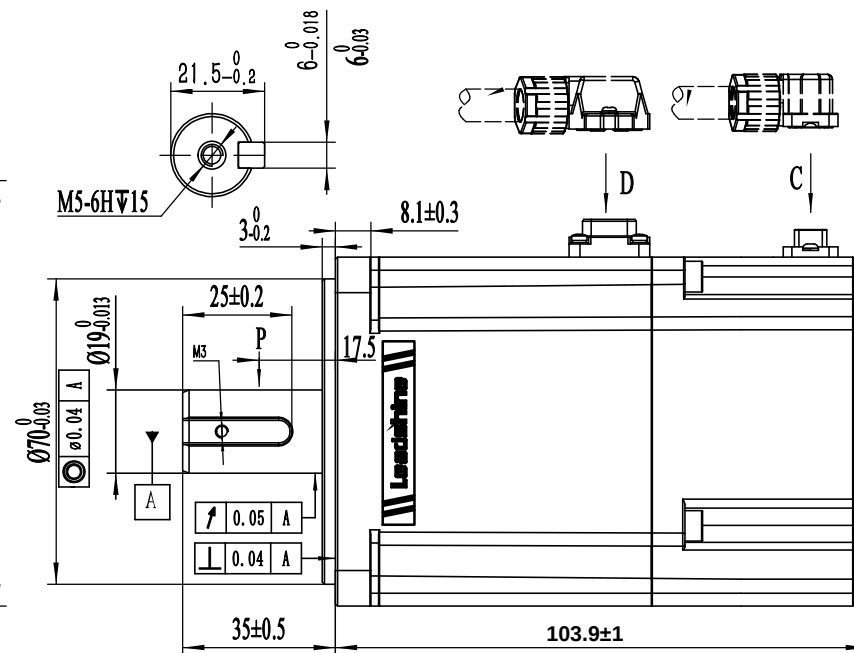
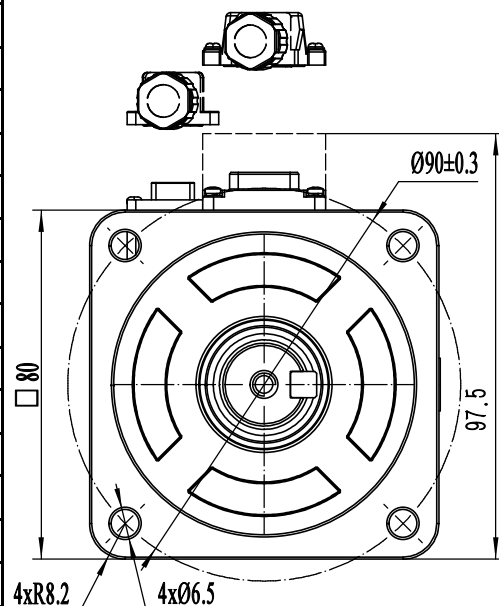
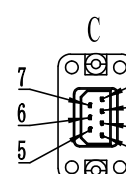


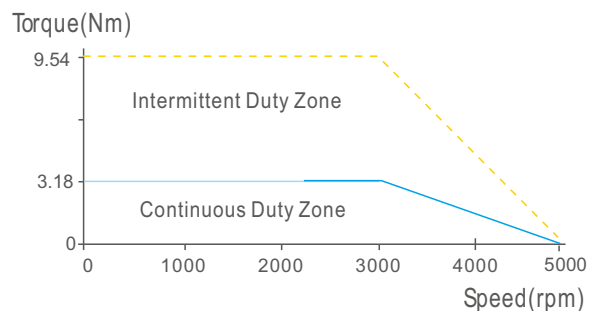
Rated Voltage (Vac)	400
Rated Power (w)	1000
Rated Torque (N.m)	3.18
Peak Torque (N.m)	9.54
Rated Speed (rpm)	3000
Peak Speed (rpm)	5000
Rated Current (Amp)	4
Peak Current (Amp)	12.4
Torque Const (N.m/Amp)	0.8
Back EMF Const (V/krpm)	53.3
Resistance (Ω)	$2.2 \pm 10\%$
Inductance (mH)	$10.5 \pm 20\%$
Inertia ($\text{kg} \cdot \text{m}^2 \cdot 10^{-4}$)	2
Poles	10
Encoder type	23bit optical
IP rating	IP67
Mass (Kg)	2.8



Wiring details of Power cable connector						
Pos	1	2	3	4	--	--
Signal	U	V	W	PE	--	--



Wiring details of encoder cable connector							
Pos	1	2	3	4	5	6	7
Signal	PE	5V	0V	SD+	SD-	Bat+	Bat-



Leadshine Technology Co.,Ltd

ELM2H-1000LA80FT

80 mm, high inertia, 1000 w servo motor
23bit optical encoder, no brake