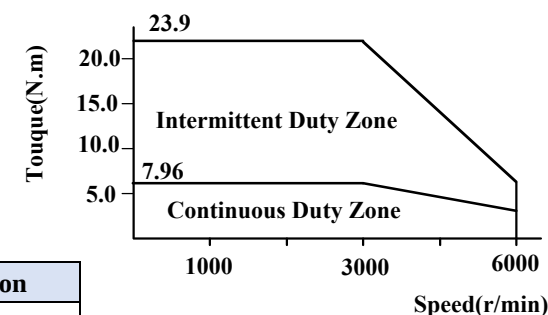
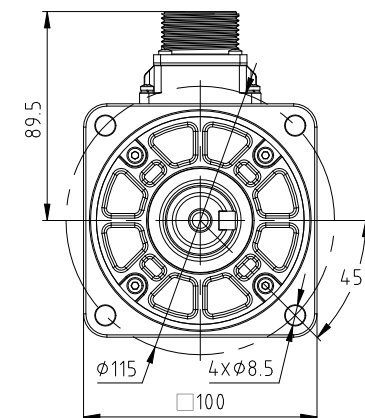
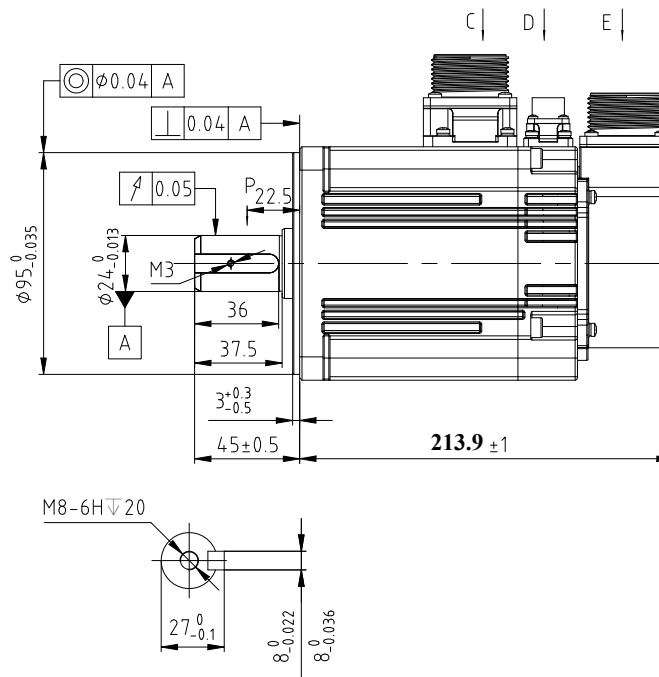
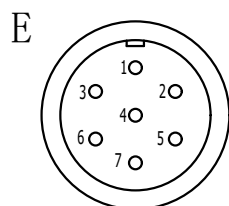


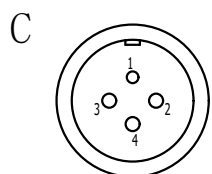
Rated Voltage (Vac)	400
Rated Power (w)	2500
Rated Torque (N.m)	7.96
Peak Torque (N.m)	23.9
Rated Speed (rpm)	3000
Peak Speed (rpm)	6000
Rated Current (Amp)	7.3
Peak Current (Amp)	22.6
Torque Const (N.m/Amp)	1.128
Back EMF Const(V/Krpm)	68.2±5%
Resistance(Ω)	0.7±10%
Inductance(mH)	9.64±20%
Inertia (kg*m ² *10 ⁻⁴)	4.59
Poles	10
Encoder type	23bit optical
IP rating	IP67
Mass (Kg)	7.3
Allowable radial load(N)	686
Allowable thrust load(N)	196



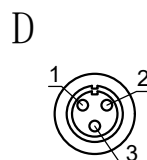
Brake Specification	
Capacity	17.6w
Rated Voltage	24vdc±10%
Holding Torque	>=8N.m
Braking Voltage	< 16V
Releasing Voltage	>2 V
Braking time	<=100ms
Releasing time	<=40ms



Assignment of encoder connector with brake							
Pos	1	2	3	4	5	6	7
Signal	PE	+5V	GND	SD+	SD-	E+	E-
Color	/	White	Black	Blue	Purple	Red	Yellow



Assignment of power connector				
Pos	1	2	3	4
Signal	PE	U	V	W
Color	Yel/Gre	Blue	Black	Red



Assignment of power connector			
Pos	1	2	3
Signal	24V	0V	/

Leadshine Technology Co .Ltd

ELM2L-2500LA100ET-H MS10A
100mm,low inertia,2500w servo motor
23bit optical encoder, with brake