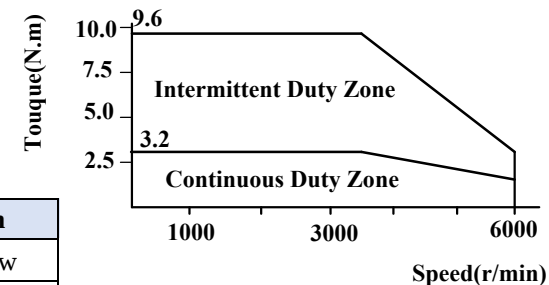
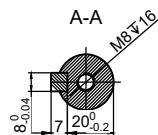
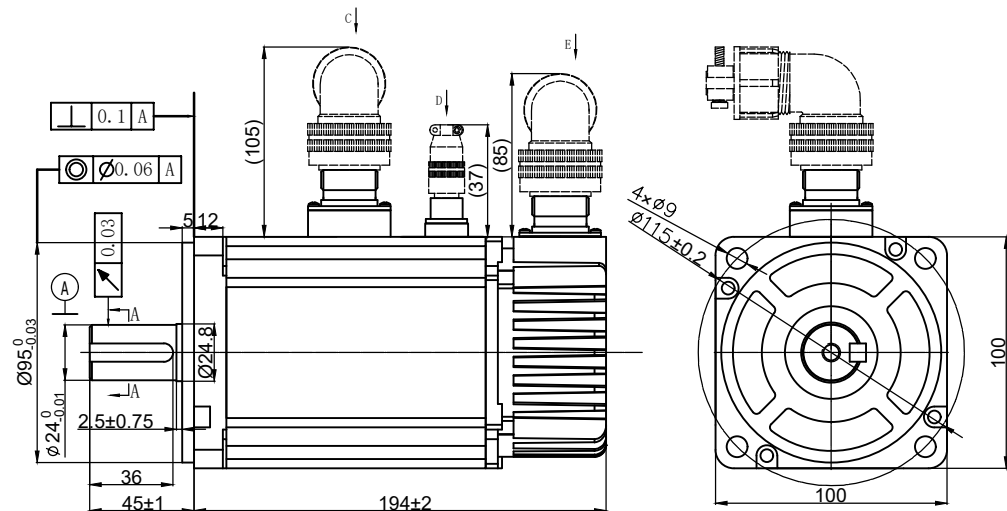
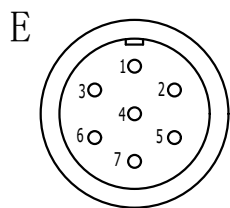


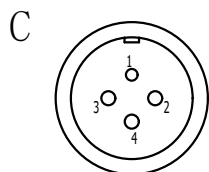
Rated Voltage (Vac)	400
Rated Power (w)	1000
Rated Torque (N.m)	3.2
Peak Torque (N.m)	9.6
Rated Speed (rpm)	3000
Peak Speed (rpm)	6000
Rated Current (Amp)	3.9
Peak Current (Amp)	11.7
Torque Const (N.m/Amp)	0.82
Back EMF Const(V/Krpm)	54±5%
Resistance(Ω)	1.46±10%
Inductance(mH)	14.2±20%
Inertia (kg*m ² *10 ⁻⁴)	2.63
Poles	10
Encoder type	23bit optical
IP rating	S1
Mass (Kg)	5.9
Allowable radial load(N)	490
Allowable thrust load(N)	98



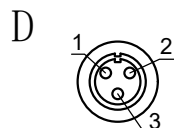
Brake Specification	
Capacity	15w
Rated Voltage	24vdc±10%
Holding Torque	>=8N.m
Braking Voltage	>18V
Releasing Voltage	< 1.5V
Braking time	<80ms
Releasing time	<40ms



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



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



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

Leadshine Technology Co .Ltd

ELM2L-1000LA100ET-H

100mm, low inertia, 1000w servo motor
23bit optical encoder, with brake