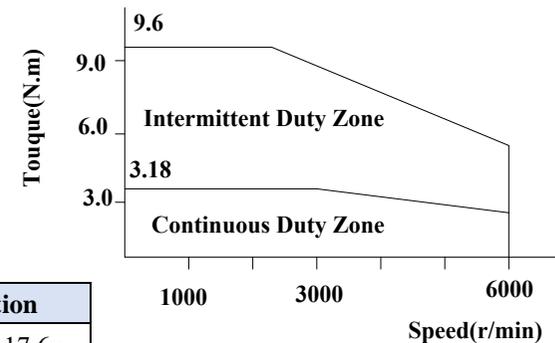
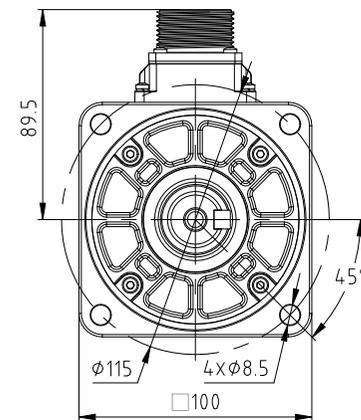
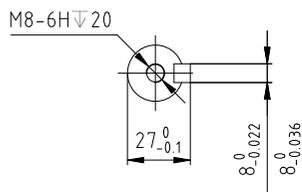
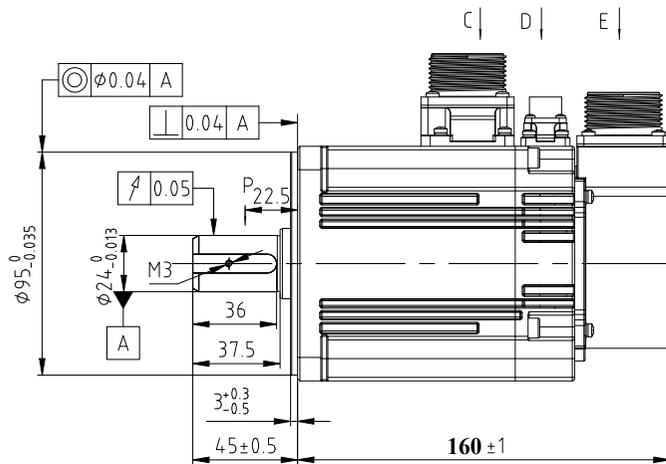
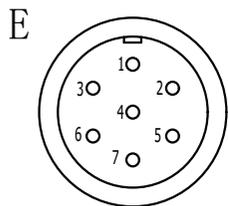


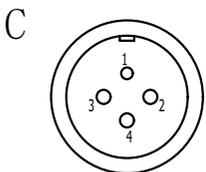
Rated Voltage (Vac)	<b>220</b>
Rated Power (w)	<b>1000</b>
Rated Torque (N.m)	<b>3.18</b>
Peak Torque (N.m)	<b>9.6</b>
Rated Speed (rpm)	<b>3000</b>
Peak Speed (rpm)	<b>6000</b>
Rated Current (Amp)	<b>6.4</b>
Peak Current (Amp)	<b>20</b>
Torque Const (N.m/Amp)	<b>0.518</b>
Back EMF Const(V/Krpm)	<b>31.3±5%</b>
Resistance(Ω)	<b>0.41±10%</b>
Inductance(mH)	<b>5.36±20%</b>
Inertia (kg*m <sup>2</sup> *10 <sup>-4</sup> )	<b>2.24</b>
Poles	<b>10</b>
Encoder type	<b>23bit optical</b>
IP rating	<b>IP67</b>
Mass (Kg)	<b>4.6</b>
Allowable radial load(N)	<b>686(P)</b>
Allowable thrust load(N)	<b>196</b>



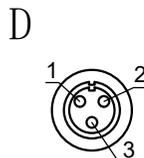
Brake Specification	
Capacity	17.6w
Rated Voltage	24vdc±10%
Holding Torque	>=8N.m
Braking Voltage	< 16V
Releasing Voltage	>2 V
Braking time	<=100ms
Releasing time	<=40ms



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-1000LA100E-H MS10A  
100mm,low inertia,1000w servo motor  
23bit optical encoder, with brake