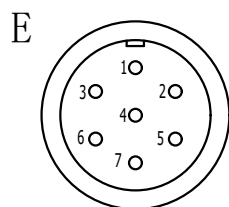
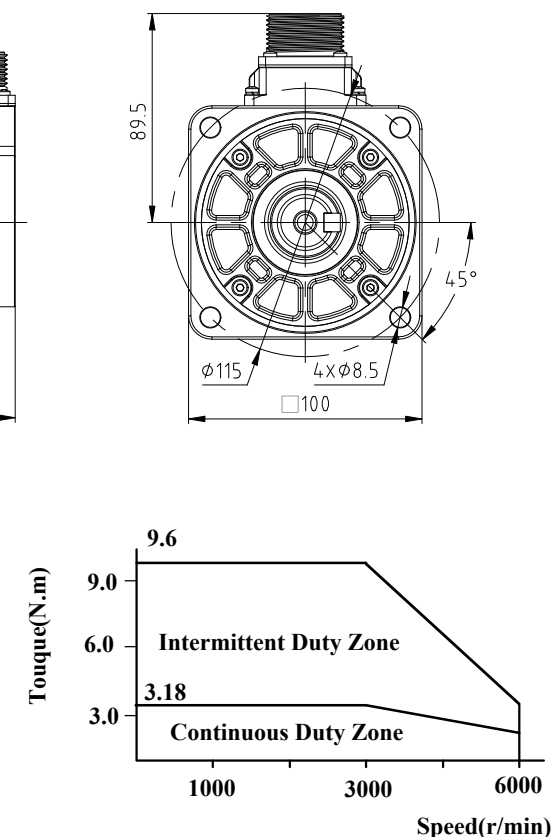
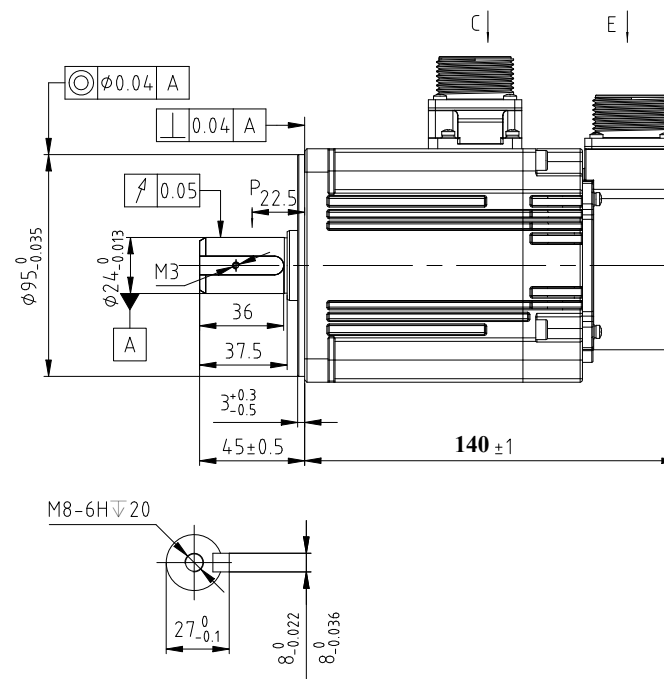
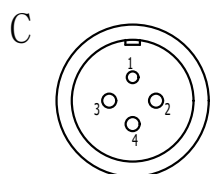


|                                                |                      |
|------------------------------------------------|----------------------|
| Rated Voltage (Vac)                            | <b>400</b>           |
| Rated Power (w)                                | <b>1000</b>          |
| Rated 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>3.2</b>           |
| Peak Current (Amp)                             | <b>10</b>            |
| Torque Const (N.m/Amp)                         | <b>1.036</b>         |
| Back EMF Const(V/Krpm)                         | <b>62.6±5%</b>       |
| Resistance(Ω)                                  | <b>1.68±10%</b>      |
| Inductance(mH)                                 | <b>20.5±20%</b>      |
| Inertia (kg*m <sup>2</sup> *10 <sup>-4</sup> ) | <b>1.92</b>          |
| Poles                                          | <b>10</b>            |
| Encoder type                                   | <b>23bit optical</b> |
| IP rating                                      | <b>IP67</b>          |
| Mass (Kg)                                      | <b>3.7</b>           |
| Allowable radial load(N)                       | <b>686(P)</b>        |
| Allowable thrust load(N)                       | <b>196</b>           |



| 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 |

Leadshine Technology Co .Ltd

ELM2L-1000LA100FT-H MS10A  
100mm,low inertia,1000w servo  
motor 23bit optical encoder, no brake