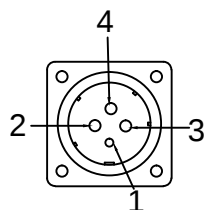
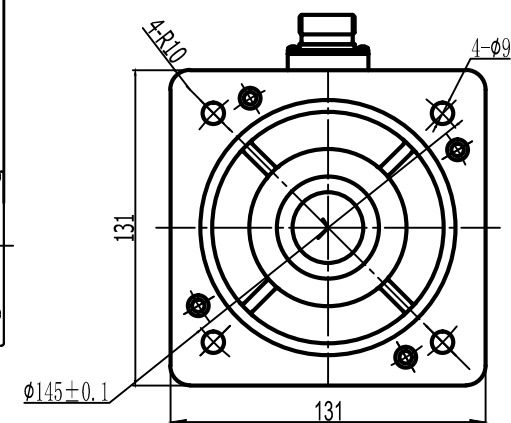
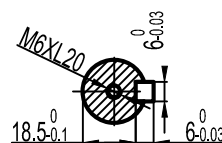
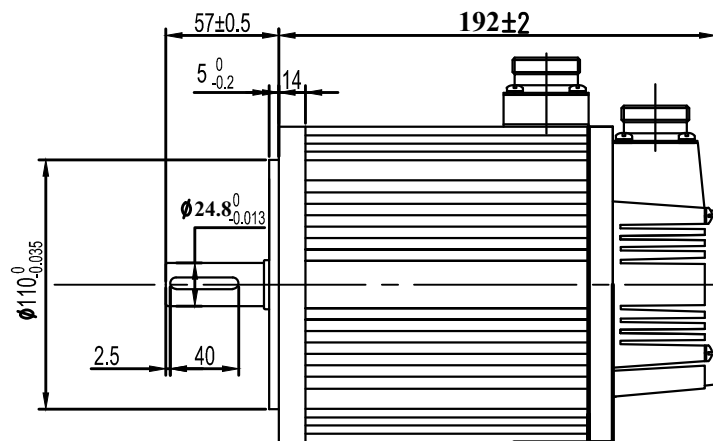
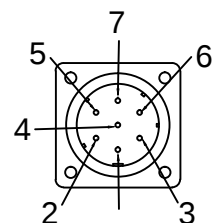


|                                                |                 |
|------------------------------------------------|-----------------|
| Rated Voltage (Vac)                            | 200-220         |
| Rated Power (w)                                | 2000            |
| Rated Torque (N.m)                             | 7.7             |
| Peak Torque (N.m)                              | 22              |
| Rated Speed (rpm)                              | 2500            |
| Peak Speed (rpm)                               | 2800            |
| Rated Current (Arms)                           | 7.5             |
| Peak Current (Arms)                            | 22              |
| Torque Const (N.m/Arms)                        | 1.03            |
| Back EMF Const (V/krpm)                        | 68              |
| Resistance ( $\Omega$ )                        | 1.01 $\pm$ 10%  |
| Inductance (mH)                                | 2.94 $\pm$ 20%  |
| Inertia (kg*m <sup>2</sup> *10 <sup>-4</sup> ) | 15.3            |
| Poles                                          | 8               |
| Encoder type                                   | 23 bit absolute |
| IP rating                                      | IP65            |
| Mass (Kg)                                      | 8.3             |



Wiring details of Power cable connector

| Pos    | 1  | 2 | 3 | 4 |
|--------|----|---|---|---|
| Signal | PE | U | V | W |



Wiring details of encoder cable connector

| Pos    | 1  | 2  | 3  | 4   | 5   | 6    | 7    |
|--------|----|----|----|-----|-----|------|------|
| Signal | PE | 5V | 0V | SD+ | SD- | BAT+ | BAT- |

Connector Code Of Extension Cable Side

| Type     | Winding Connector | Encoder Connector | Brake Connector |
|----------|-------------------|-------------------|-----------------|
| Part Num | LS-YDA28K4TS-01   | LS-YDA28K7TS-01   | --              |

Connector Code Of Motor Side

| Type     | Winding Connector | Encoder Connector | Brake Connector |
|----------|-------------------|-------------------|-----------------|
| Part Num | YD28J4Z           | YD28J7Z           | --              |

Leadshine Technology Co.,Ltd

ELM2M-2000LB130F-H

130mm,middle inertia,2000w servo motor  
23bit absolute encoder

www.leadshine.com