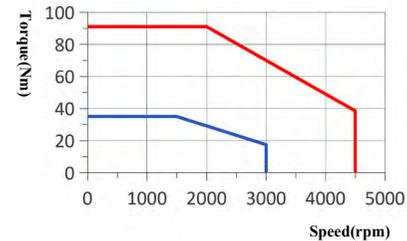
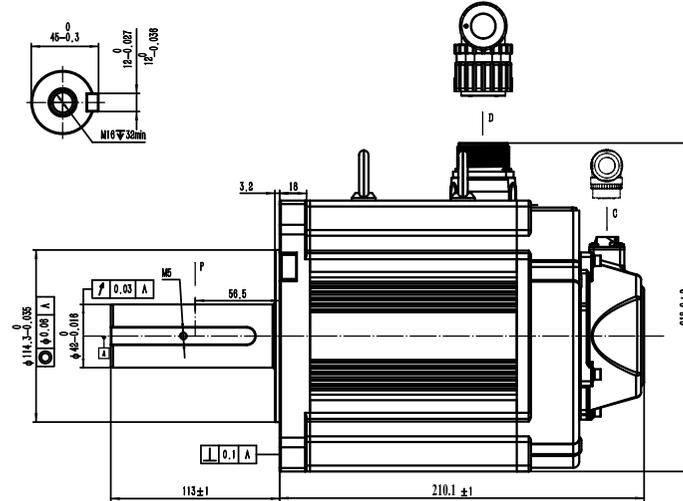
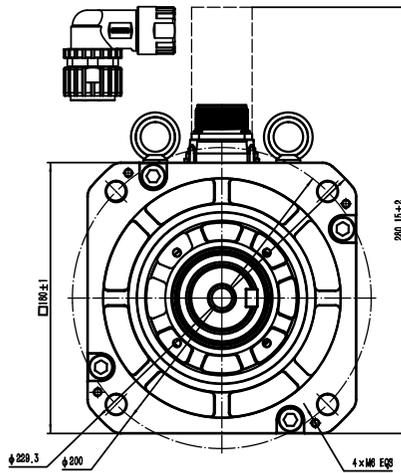


| | |
|--|----------------------|
| Rated Voltage (Vac) | 400 |
| Rated Power (w) | 5500 |
| Rated Torque (N.m) | 35.0 |
| Peak Torque (N.m) | 91.0 |
| Rated Speed (rpm) | 1500 |
| Peak Speed (rpm) | 4500 |
| Rated Current (Amp) | 17.8 |
| Peak Current (Amp) | 49.1 |
| Torque Const (N.m/Amp) | 2.04 |
| Back EMF Const (V/krpm) | 123.33 |
| Resistance (Ω) | 0.2148 |
| Inductance (mH) | 5.99 |
| Inertia (kg*m ² *10 ⁻⁴) | 95.8 |
| Poles | 10 |
| Encoder type | 23bit optical |
| IP rating | IP67 |
| Mass (Kg) | 22.5 |
| Allowable radial load(N) | 1764(P) |
| Allowable thrust load(N) | 588 |



Power connector



| Wiring details of Power cable connector | | | | |
|---|------|-------|-----|---------|
| Pos | A | B | C | D |
| Signal | U | V | W | PE |
| Color | blue | black | red | Yel/Gre |

Encoder connector



| Wiring details of encoder cable connector | | | | | | | | | | |
|---|---|-----|-------|------|--------|-------|-------|---|---|--------|
| Pos | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| Signal | / | 5V | 0V | SD+ | SD- | E+ | E- | / | / | PE |
| Color | / | red | black | blue | yellow | brown | white | / | / | shield |

Leadshine Technology Co.,Ltd

ELM2M-5500LD180FT-H
 180mm,medium inertia,5500W
 23bit optical encoder, no brake
 MS2HB