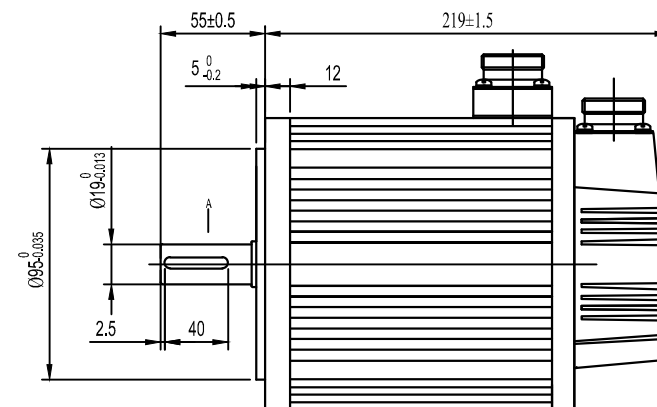
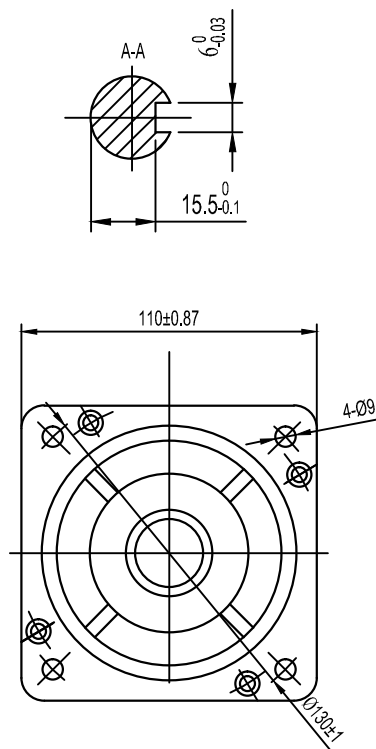


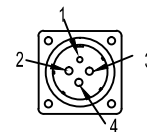
| | | |
|----------------|------------------|-------------------------------------|
| Rated voltage | 200-220 | V AC |
| Rated power | 1800 | W |
| Rated torque | 6 | N.m |
| Peak torque | 18 | N.m |
| Rated speed | 3000 | RPM |
| Max speed | 4500 | RPM |
| Rated current | 6 | A _{rms} |
| peak current | 18 | A _{rms} |
| Torque Const | 1.0 | N.m/A _{rms} |
| Back EMF Const | 60 | V/KRPM |
| Resistance | 0.81 | Ω |
| Inductance | 2.59 | mH |
| Inertia | 7.6 | kg m ² ·10 ⁻⁴ |
| poles | 8 | |
| encoder type | 2500 incremental | |



Motor side connector

| connector | winding connector | encoder connector | braker connector |
|-----------|-------------------|-------------------|------------------|
| male | YD28J4Z | YD28J15Z | |

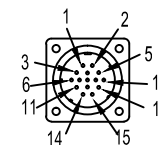
| winding connection | | | | |
|--------------------|----|---|---|---|
| position | 1 | 2 | 3 | 4 |
| signal | PE | U | V | W |



Driver side connector

| connector | winding connector | encoder connector | braker connector |
|-----------|-------------------|-------------------|------------------|
| female | YDA28K4TS-01 | YDA28K15TS-01 | |

| encoder connection | | | | | | | | | | | | | | |
|--------------------|----|----|----|----|----|----|----|----|----|----|----|----|----|----|
| position | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 |
| signal | PE | 5V | 0V | A+ | B+ | Z+ | A- | B- | Z- | U+ | V+ | W+ | U- | V- |



Leadshine technology Co .Ltd

110mm ,1800W servo motor
2500 line incremental encoder

ELM1800BM-110F-H