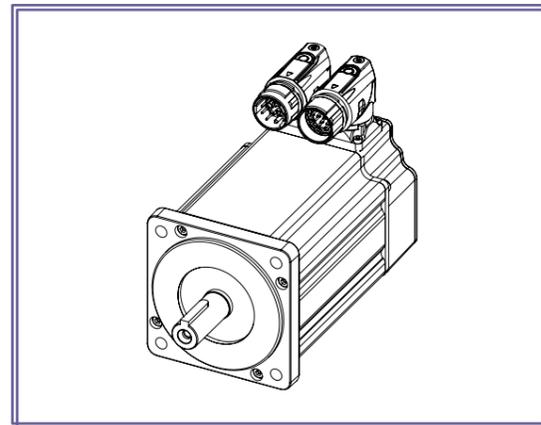


PASE100

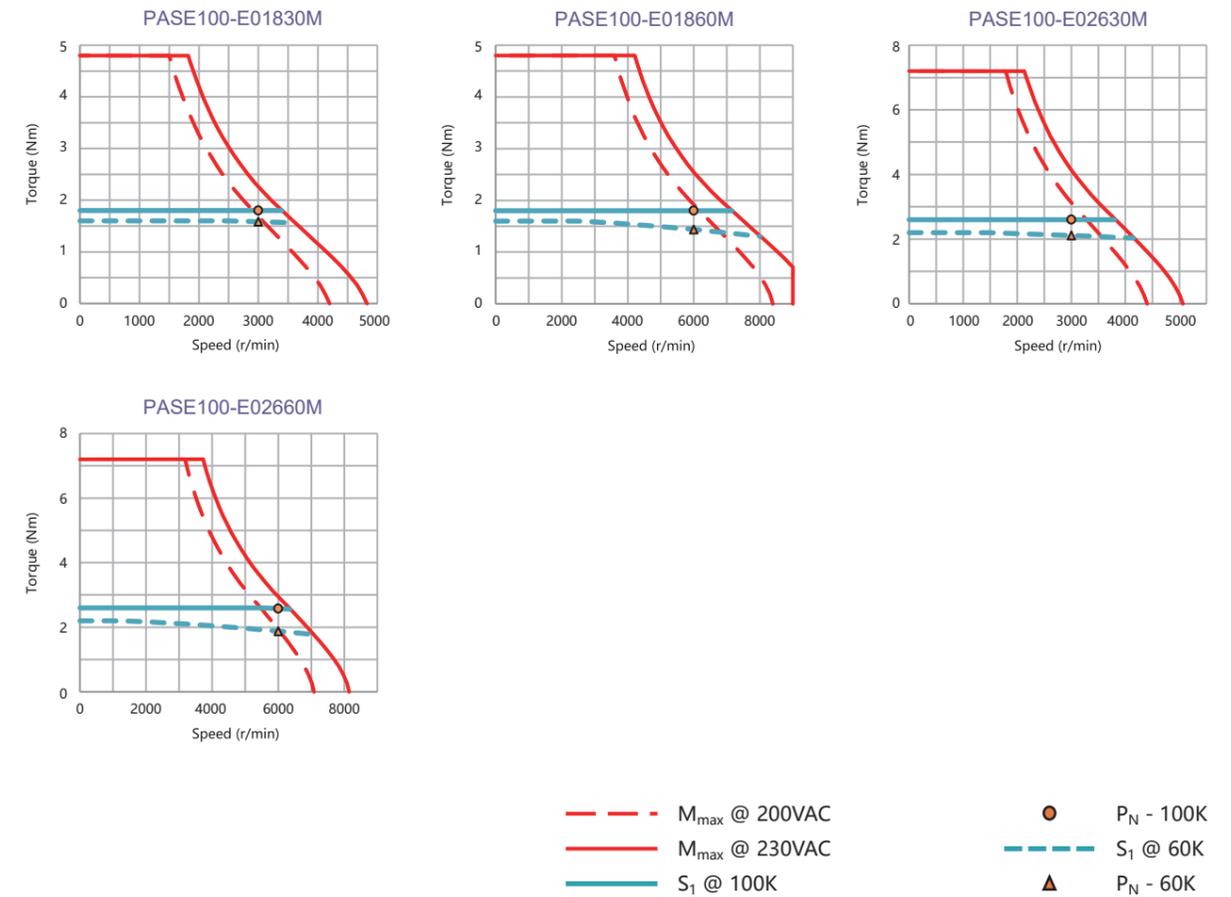
High Performance

Series 0.57~1.62KW

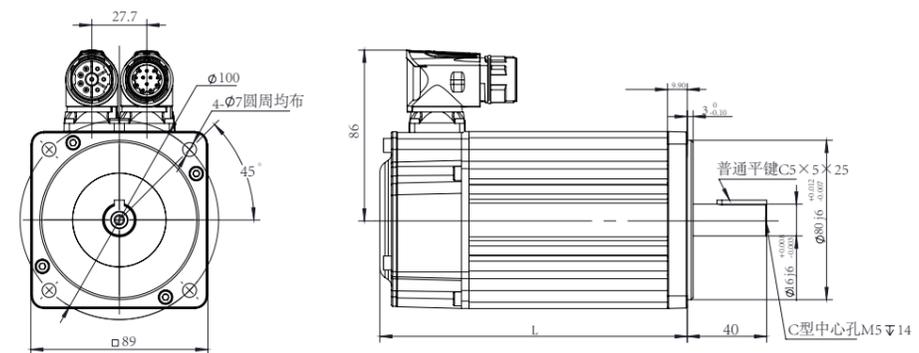


| Model | PASE100-E01830M | PASE100-E01860M | PASE100-E02630M | PASE100-E02660M |
|-------------------------------------|--|-----------------|--------------------------|-----------------|
| Operating Voltage | VAC 230(200 ... 250) | | | |
| Rated Operating Point (100K) | | | | |
| Rated Power (100K) | KW 0.57 | 1.13 | 0.82 | 1.62 |
| Rated Speed | r/min 3000 | 6000 | 3000 | 6000 |
| Rated Torque (100K) | N.m 1.80 | 1.80 | 2.60 | 2.58 |
| Rated Current (100K) | A 2.9 | 5.7 | 4.2 | 6.8 |
| Rated Voltage (100K) | VAC 206 | 195 | 184 | 218 |
| Rated Operating Point (60K) | | | | |
| Rated Power (60K) | KW 0.50 | 0.90 | 0.66 | 1.18 |
| Rated Speed | r/min 3000 | 6000 | 3000 | 6000 |
| Rated Torque (60K) | N.m 1.59 | 1.44 | 2.11 | 1.88 |
| Rated Current (60K) | A 2.5 | 4.5 | 3.4 | 4.9 |
| Rated Voltage (60K) | VAC 195 | 179 | 171 | 198 |
| Limit Data | | | | |
| Max. Allowable Speed (Mechanical) | r/min 9000 | | | |
| Peak Torque | N.m 4.8 | 4.8 | 7.2 | 7.2 |
| Peak Current | A 8.5 | 17.1 | 13.5 | 21.6 |
| Peak Torque Turning Point (230VAC) | r/min 1800 | 4200 | 2100 | 3700 |
| Motor Data | | | | |
| Polar Number | Poles 4 | | | |
| Torque Constant (100K) | Nm/A 0.63 | 0.31 | 0.61 | 0.38 |
| Voltage Constant (20°C) | V/1krp 45 | 23 | 43 | 27 |
| Winding Resistance (20°C) | Ω 7.03 | 1.75 | 3.56 | 1.39 |
| Winding Inductance (20°C) | mH 35.2 | 8.81 | 19.9 | 7.69 |
| Rotor Inertia (w/o brake) | 10 ⁻⁴ kgm ² 0.44 | 0.44 | 0.65 | 0.65 |
| Rotor Inertia (w/ brake) | 10 ⁻⁴ kgm ² 0.55 | 0.55 | 0.76 | 0.76 |
| Weight (w/o brake) | kg 2.6 | 2.6 | 3.15 | 3.15 |
| Weight (w/ brake) | kg 3.3 | 3.3 | 3.9 | 3.9 |
| Brake Data | | | | |
| Brake Type | Mechanical spring pressurized type | | | |
| Brake Backlash Max. | arcmin 30 | | | |
| Static Torque (20°C) | N.m 5.3 | | | |
| Rated Voltage | VDC 24±10% | | | |
| Brake Rated Current (20°C) | A 0.61±7% | | | |
| Brake Rated Power (20°C) | W 14.7±7% | | | |
| Connector Type | | | | |
| Power Connector Type | M23 8-Pin (Double Cable) | | M23 9-Pin (Single Cable) | |
| Feedback Connector Type | M23 12-Pin (Double Cable) | | | |

Torque Characteristic Diagram



Dimensions



| Model Number | Motor Length L (w/o Brake) | Motor Length L (w/ Brake) |
|-----------------------------------|----------------------------|---------------------------|
| PASE100-E01830M / PASE100-E01860M | 129.8 | 165.8 |
| PASE100-E02630M / PASE100-E02660M | 142.3 | 178.3 |