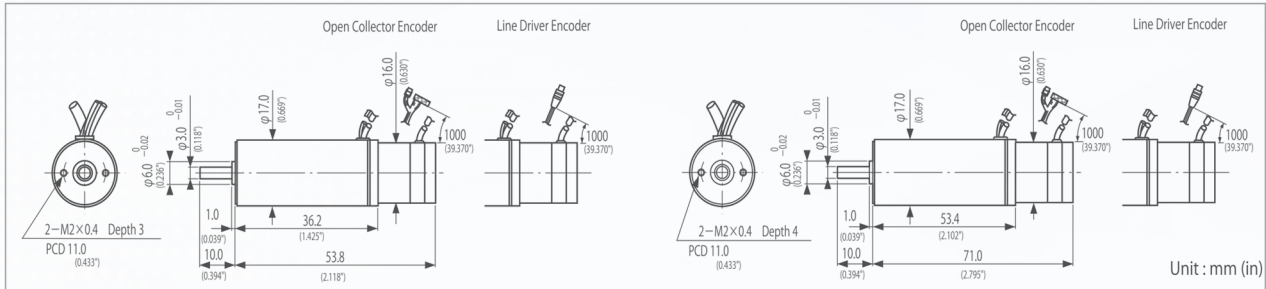


## COMPACT AC SERVO MOTOR

17mm

P/N: MKC-1730-S000

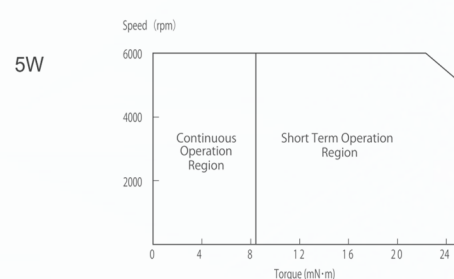
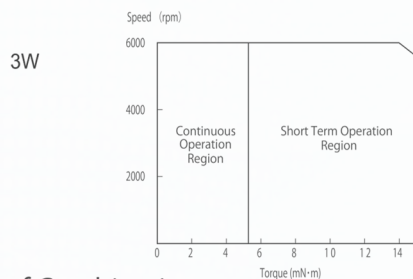


### Specifications

| Items                                    |                    | W                                            |     |      |             |     |      |
|------------------------------------------|--------------------|----------------------------------------------|-----|------|-------------|-----|------|
| Rated Output                             |                    |                                              |     |      |             |     |      |
| Rated Torque                             | mN·m (gf·cm) oz·in | 4.90                                         | 3.0 | 0.69 | 8.14        | 5.0 | 1.15 |
| Rated Speed                              | rpm                | 6000                                         |     |      |             |     |      |
| Peak Torque                              | mN·m (gf·cm)       | 14.7 (150)                                   |     |      | 24.5 (250)  |     |      |
| Power Rate                               | w/s                | 220                                          |     |      | 330         |     |      |
| Torque Constant                          | mN·m/A             | 16.2                                         |     |      | 23.9        |     |      |
| EMF Constant                             | V/krpm             | 1.7                                          |     |      | 2.5         |     |      |
| Number of Poles                          | —                  | 2                                            |     |      |             |     |      |
| Rotor Inertia (GD <sup>2</sup> /4)       | g·cm <sup>2</sup>  | 1.1                                          |     |      | 2.0         |     |      |
| Winding Insulation Class                 | —                  | Class F                                      |     |      |             |     |      |
| Encoder                                  | P/R                | Incremental Photo Encoder                    |     |      | 400 or 1000 |     |      |
| Operating Ambient Temperature / Humidity | —                  | 0~40°C / Below 85% RH without condensation   |     |      |             |     |      |
| Storage Temperature / Humidity           | —                  | -20~60°C / Below 85% RH without condensation |     |      |             |     |      |
| Weight                                   | g                  | 80                                           |     |      | 105         |     |      |

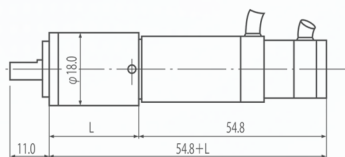
\*Note : The above values are the specifications when an aluminum heat-sink (57×57×5t) is attached to the motor flange.

### Basic Characteristics (at DC 24V)

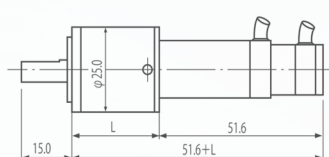


### Example of Combination

Gearhead + Motor + Encoder



Gearhead + Motor + Encoder



Gearhead + Motor + Encoder

