

PRODUCT PARAMETERS •

Item Name

MS5005

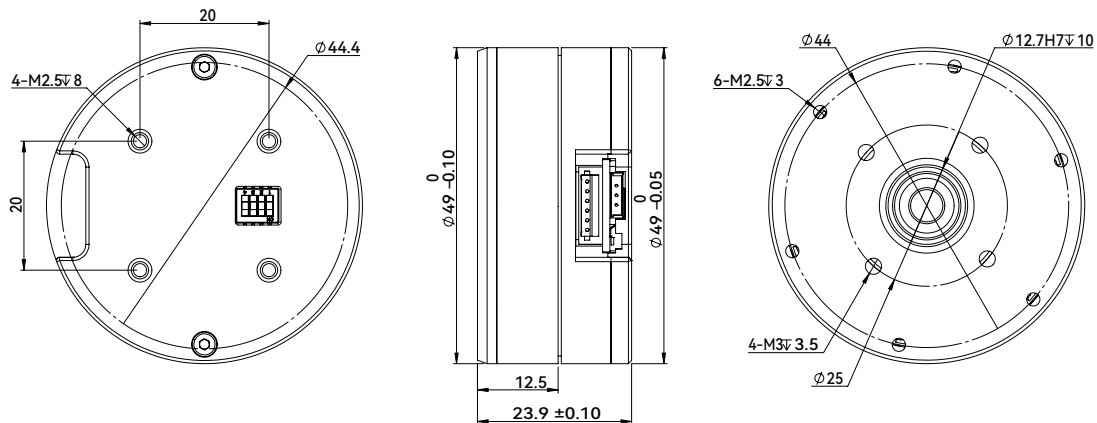
Turns	60
Rated Voltage (V)	16
Max Speed (rpm)	985
Rated Torque (N.m)	0.18
Rated Speed (rpm)	500
Rated Current (A)	0.8
Max Power (W)	6.7
Max Torque (N.m)	0.28
Speed Constant (rpm/V)	31.3
Torque Constant (N.m/A)	0.2
Winding Type	Y
Line Resistance (Ω)	6.6
Phase Inductance (mH)	2.83
Motor Poles	28
Rotor Inertia (gcm ²)	136
Motor Temperature	YES
Bearing Rated Load (N)	153
Motor Weight (g)	99

Recommand Drive

DS40V3

Drive Input Voltage (V)	8.5~30
Communication	RS485 Or CAN
Communication Frequency (Hz)	RS485: 500Hz (115200bps) /CAN:1KHz(1Mbps)
Encoder	15 bit Or 18 bit Magnetic Encoder
Baudrate (RS485) (bps)	9600、19200、57600、115200、230400、406800、1M、2M
Baudrate (CAN) (bps)	100K、125K、250K、500K、1M
Control Mode	Open Loop(24KHz) /Speed Loop(8KHz) /Position Loop(8KHz)
Acceleration Curve	Trapeziod acceleration

INSTALLATION DRAWING •



MOTOR CHARACTERISTIC CURVE •

— Inputdc Current — Efficiency — Output Power — Output Torque

