

PRODUCT PARAMETERS •

Item Name

MS3506

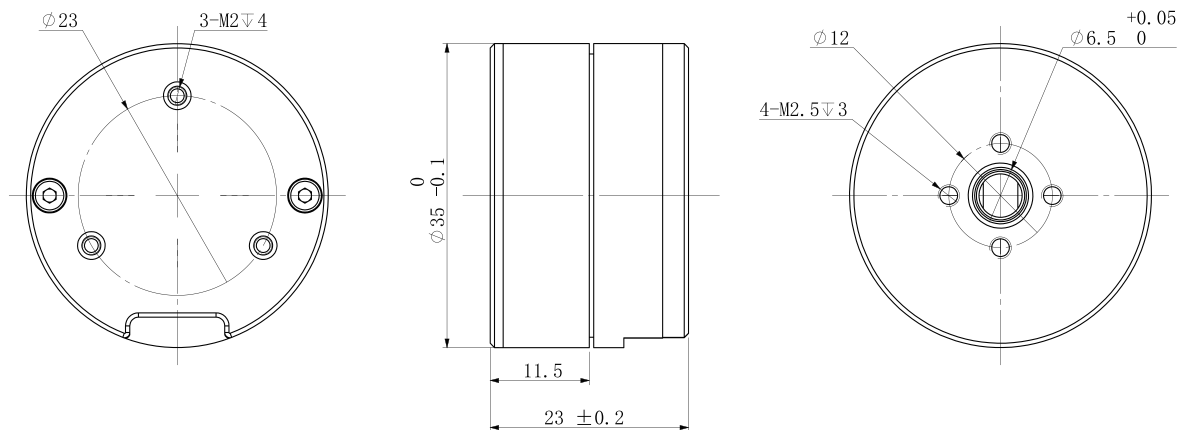
Turns	60
Rated Voltage (V)	12
Max Speed (rpm)	2100
Rated Torque (N.m)	0.05
Rated Speed (rpm)	1250
Rated Current (A)	0.79
Max Power (W)	6.4
Max Torque (N.m)	0.13
Speed Constant (rpm/V)	104
Torque Constant (N.m/A)	0.06
Winding Type	Y
Line Resistance (Ω)	4.5
Phase Inductance (mH)	1.47
Motor Poles	14
Rotor Inertia (gcm ²)	58
Motor Temperature	YES
Bearing Rated Load (N)	91
Motor Weight (g)	50

Recommand Drive

DS30v2

Drive Input Voltage (V)	6~16
Communication	RS485
Communication Frequency (Hz)	RS485: 500Hz (115200bps)
Encoder	15 bit Magnetic Encoder
Baudrate (RS485) (bps)	9600, 19200, 57600, 115200, 230400, 406800, 1M, 2M
Control Mode	Open Loop(24KHz) /Speed Loop(4KHz) /Position Loop(2KHz)
Acceleration Curve	Trapeziod acceleration

INSTALLATION DRAWING •



MOTOR CHARACTERISTIC CURVE •

— Inputdc Current — Efficiency — Output Power — Output Torque

