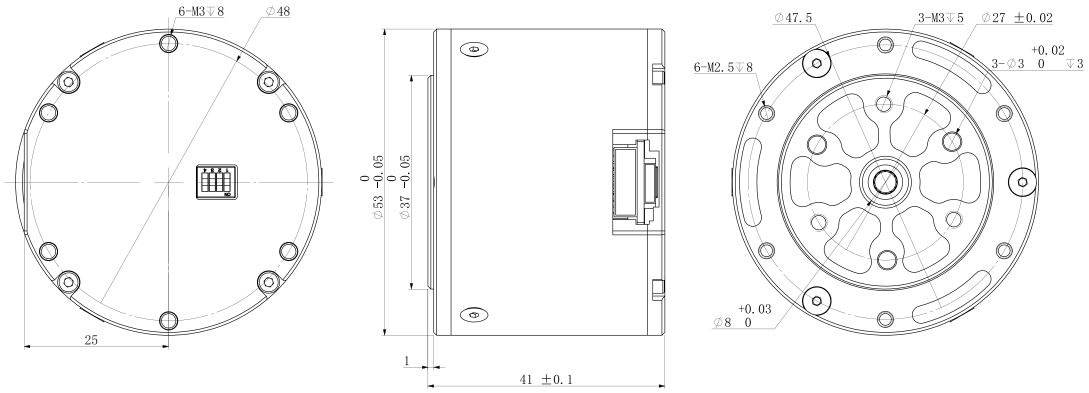
PRODUCT PARAMETERS •

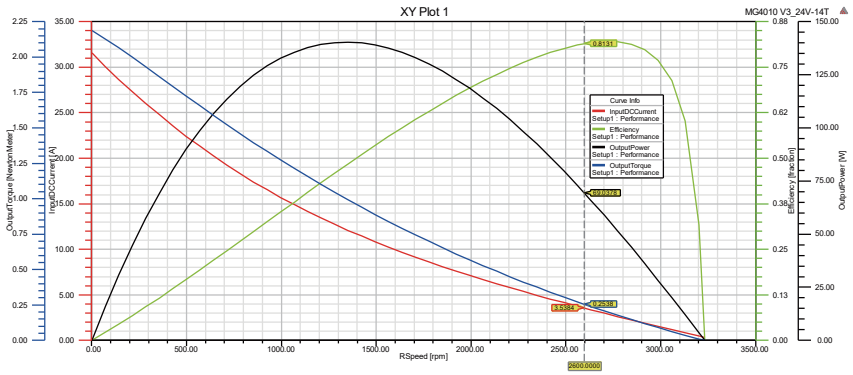
Item Name	MG4010E-i10
Rated Voltage（V）	24
Max Speed (rpm)	320
Rated Torque (N.m)	2.5
Rated Speed (rpm)	260
Rated Current (A)	3.5
Max Power (W)	140
Max Torque (N.m)	4.5
Speed Constant (rpm/V)	108.3
Torque Constant (N.m/A)	0.07
Turns	14
Winding Type	Y
Line Resistance（Ω）	0.604
Phase Inductance (mH)	0.28
Motor Poles	28
Rotor Inertia (gcm^2)	202
Motor Temperature	YES
Reducer Type	**PG4210**
Gear Ratio	1:10
Backlash (arcmin)	≤8
Bearing Rated Load (N)	1000
Motor Weight (g)	250
Recommand Drive	**DG40**
Drive Input Voltage (V)	7.4~32
Communication	RS485 Or CAN
Communication Frequency (Hz)	RS485：500Hz（115200bps）/CAN:2KHz(1Mbps)
Encoder	18bit(motor)+14bit(reducer) Magnetic Encoder
Baudrate（RS485）(bps)	9600、19200、57600、115200、230400、406800、1M、2M
Baudrate（CAN）(bps)	100K，125K，250K，500K，1M
Control Mode	Torque Loop(24KHz) /Speed Loop(8KHz) /Position Loop(4KHz)
Acceleration Curve	Trapeziod acceleration

INSTALLATION DRAWING •



MOTOR CHARACTERISTIC CURVE •

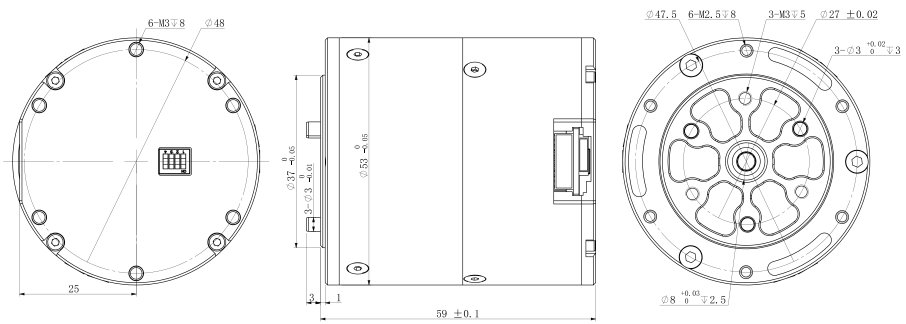
Inputdc Current　Efficency　Output Power　Output Torque



PRODUCT PARAMETERS •

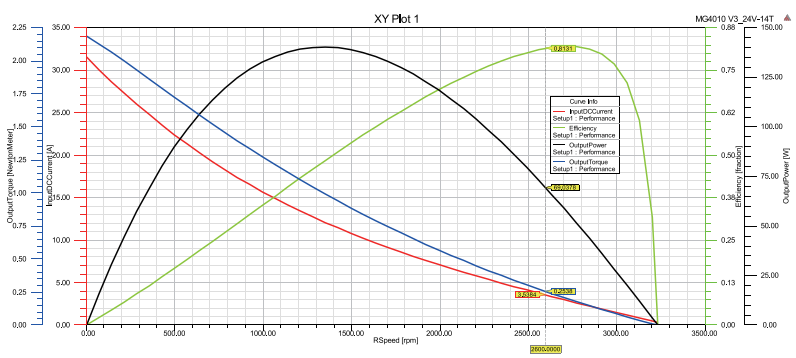
Item Name	MG4010E-i10B
Rated Voltage (V)	24
Max Speed (rpm)	320
Rated Torque (N.m)	2.5
Rated Speed (rpm)	260
Rated Current (A)	3.5
Max Power (W)	140
Max Torque (N.m)	4.5
Speed Constant (rpm/V)	108.3
Torque Constant (N.m/A)	0.07
Turns	14
Winding Type	Y
Line Resistance (Ω)	0.604
Phase Inductance (mH)	0.28
Motor Poles	28
Rotor Inertia (gcm²)	202
Motor Temperature	YES
Reducer Type	**PG4210**
Gear Ratio	1:10
Backlash (arcmin)	≤8
Bearing Rated Load (N)	1000
Motor Weight (g)	392
Brake Type	**BG4906**
Brake Torque (N.m)	3.2
Startup Voltage (V)	24
Sustaining Voltage (V)	7
Sustaining Power (W)	1.4
Recommand Drive	**DG40**
Drive Input Voltage (V)	7.4~32
Communication	RS485 Or CAN
Communication Frequency (Hz)	RS485：500Hz（115200bps）/CAN:2KHz(1Mbps)
Encoder	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	Torque Loop(24KHz) /Speed Loop(8KHz) /Position Loop(4KHz)
Acceleration Curve	Trapeziod acceleration)

INSTALLATION DRAWING •



MOTOR CHARACTERISTIC CURVE •

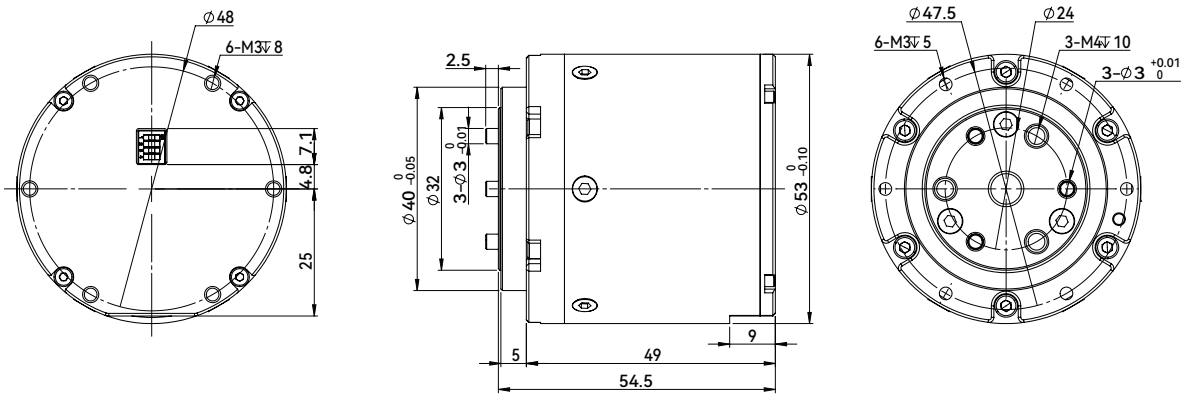
Inputdc Current　Efficency　Output Power　Output Torque



PRODUCT PARAMETERS •

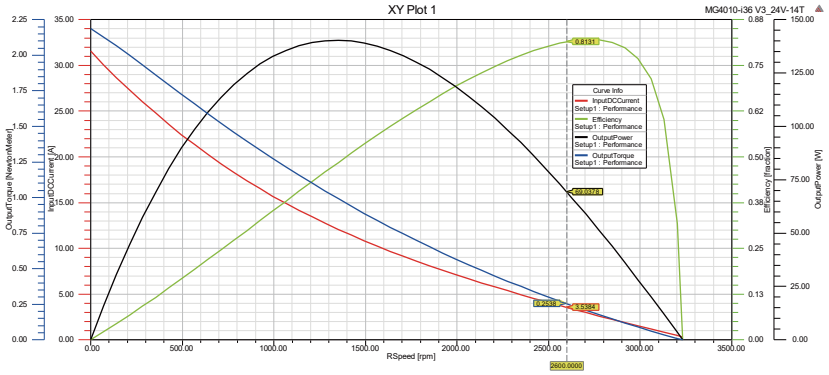
Item Name	MG4010E-i36
Rated Voltage（V）	24
Max Speed (rpm)	90
Rated Torque (N.m)	9
Rated Speed (rpm)	72
Rated Current (A)	3.5
Max Power (W)	135
Max Torque (N.m)	18
Speed Constant (rpm/V)	3
Torque Constant (N.m/A)	2.58
Turns	14
Winding Type	Y
Line Resistance（Ω）	0.65
Phase Inductance (mH)	0.25
Motor Poles	28
Rotor Inertia (gcm^2)	158
Motor Temperature	YES
Reducer Type	**PG5336**
Gear Ratio	1:36
Backlash (arcmin)	≤6
Bearing Rated Load (N)	1120
Motor Weight (g)	350
Recommand Drive	**DG40V3**
Drive Input Voltage (V)	12~24
Communication	RS485 Or CAN
Communication Frequency (Hz)	RS485：500Hz（115200bps）/CAN:2KHz(1Mbps)
Encoder	18bit(motor)+14bit(reducer) Magnetic Encoder
Baudrate（RS485）(bps)	9600、19200、57600、115200、230400、406800、1M、2M
Baudrate（CAN）(bps)	100K，125K，250K，500K，1M
Control Mode	Torque Loop(24KHz) /Speed Loop(8KHz) /Position Loop(4KHz)
Acceleration Curve	Trapeziod acceleration

INSTALLATION DRAWING •



MOTOR CHARACTERISTIC CURVE •

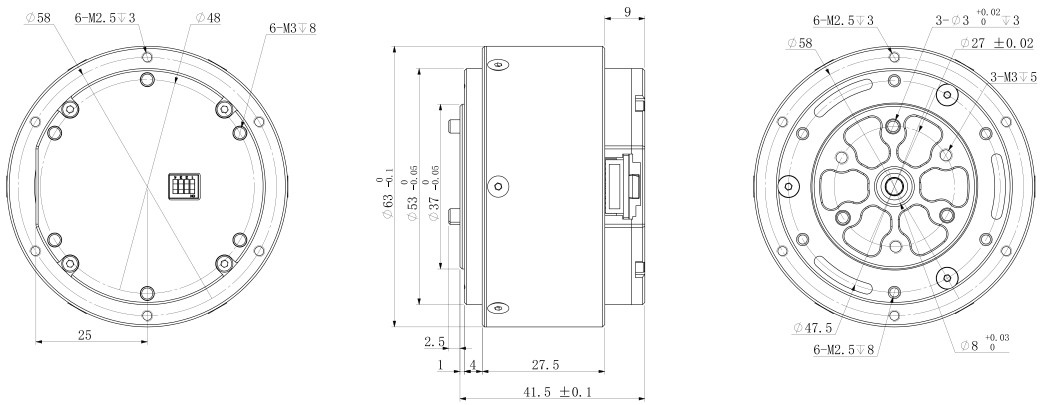
Inputdc Current　Efficency　Output Power　Output Torque



PRODUCT PARAMETERS •

Item Name	MG5010E-i10
Rated Voltage （V）	24
Max Speed (rpm)	320
Rated Torque (N.m)	4
Rated Speed (rpm)	235
Rated Current (A)	4.4
Max Power (W)	160
Max Torque (N.m)	7
Speed Constant (rpm/V)	97.9
Torque Constant (N.m/A)	0.1
Turns	13
Winding Type	Y
Line Resistance （Ω）	0.466
Phase Inductance (mH)	0.26
Motor Poles	28
Rotor Inertia (gcm²)	850
Motor Temperature	YES
Reducer Type	**PG5110**
Gear Ratio	1:10
Backlash (arcmin)	≤8
Bearing Rated Load (N)	1000
Motor Weight (g)	420
Recommand Drive	**DG50**
Drive Input Voltage (V)	7.4~32
Communication	RS485 Or CAN
Communication Frequency (Hz)	RS485：500Hz（115200bps）/CAN:2KHz(1Mbps)
Encoder	18bit(motor)+14bit(reducer) Magnetic Encoder
Baudrate（RS485）(bps)	9600、19200、57600、115200、230400、406800、1M、2M
Baudrate（CAN）(bps)	100K、125K、250K、500K、1M
Control Mode	Torque Loop(24KHz) /Speed Loop(8KHz) /Position Loop(4KHz)
Acceleration Curve	Trapeziod acceleration

INSTALLATION DRAWING •



MOTOR CHARACTERISTIC CURVE •

Inputdc Current　Efficency　Output Power　Output Torque