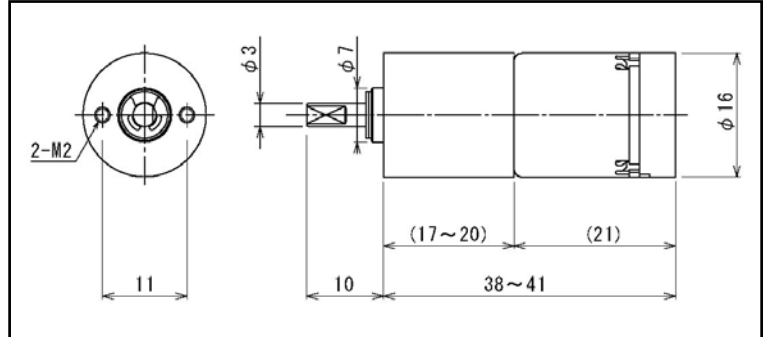


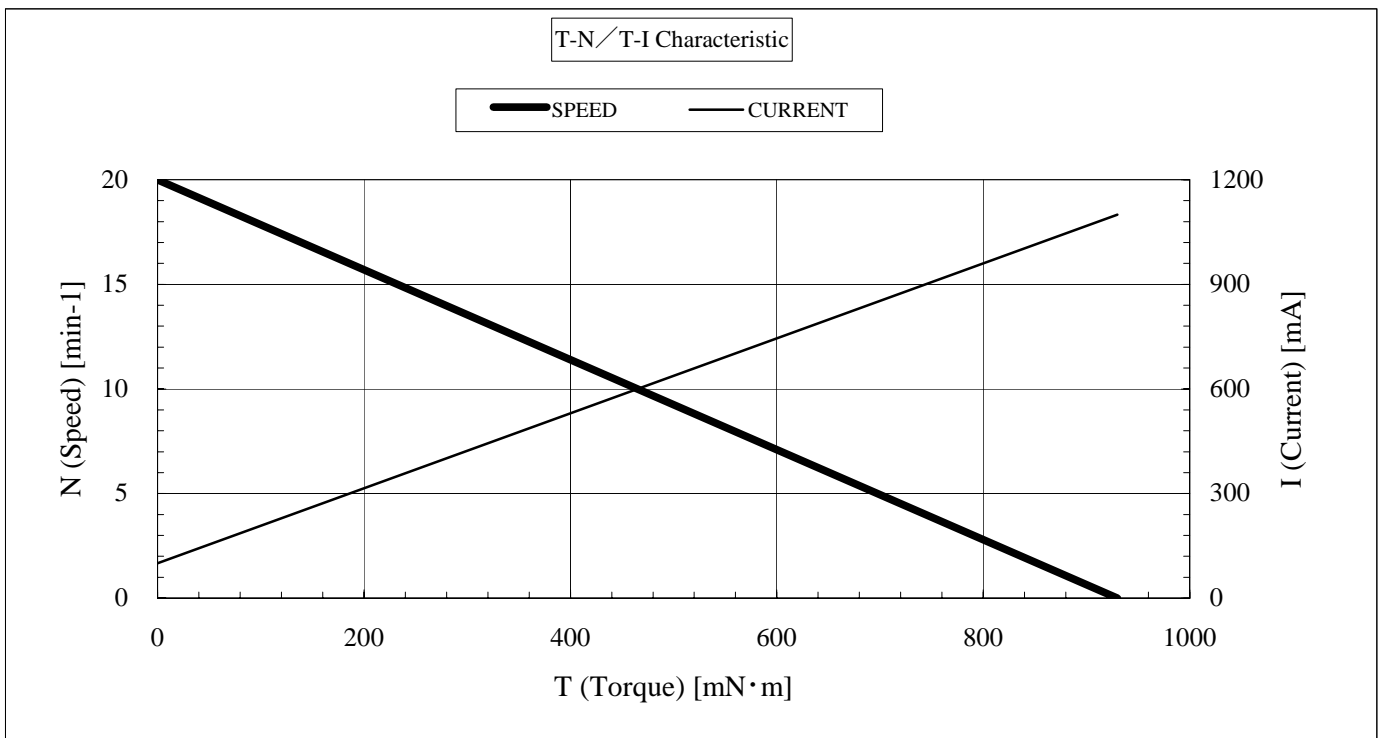
COPAL

LB16MG-500-CA 16mm Brushless Motor Planetary Metal Gearbox 6Vdc, 500:1 Ratio



Drive Electronics :Internal
 Gearbox :Planetary Metal Gears
 Bearing Type :Sleeve
 Rotation :CW; CCW
 Operating Temp :0°C~50°C
 Net Weight :33.5g

| Model | Rated Voltage (Vdc) | Rated Current (mA) | Starting Current (mA) | Rated Torque | | Starting Torque | | Rated Speed (rpm) | No Load Speed (rpm) | Length (mm) |
|---------------|---------------------|--------------------|-----------------------|--------------|-----|-----------------|-----|-------------------|---------------------|-------------|
| | | | | oz-in | mNm | oz-in | mNm | | | |
| LB16MG-500-CA | 6 | 330 | 1100 | 27.8 | 196 | 131.7 | 930 | 16 | 20 | 41 |



Input/Output Signal

| Wire No. | Item | Standard | Wire Color |
|----------|------------------|---|------------|
| 1 | GND | | Black |
| 2 | VM (Motor Power) | 3.5 ~ 6.6VDC (Motor Speed Control) | Gray |
| 3 | Vcc | 6VDC: (5.4 ~ 6.6VDC) | Red |
| 4 | CW/CCW | CW: to Vcc; CCW: to GND | Green |
| 5 | FG | P-P: GND to Vcc 2036 P/R (Gear Ratio×4) Square wave signal | Yellow |

Nidec Copal (U.S.A.) Corporation

373 Van Ness Ave Suite 130

Torrance, CA 90501

Tel: (310) 782-6102

Fax: (310) 782-6821

www.nidec-copal-usa.com

info@nidec-copal-usa.com