

# GD23 Geared Linear Actuators

## Features

- Aluminum inner and outer tubes
- Limit switch: built-in (factory preset)
- High efficiency ACME screw
- Optional potentiometer or optical sensor
- 5 different gear ratios for choice
- Compact construction
- All gears are powder metal
- Pull design
- Lubrication for life time



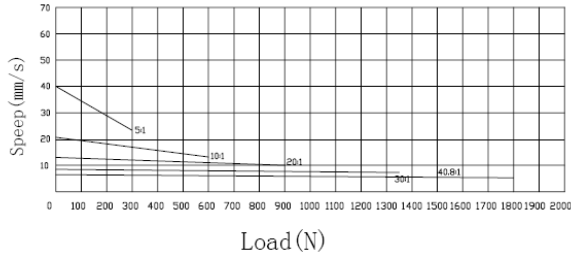
## Technical Data

- Input power: 12 VDC / 24 VDC
- Duty cycle: 10%
- Gear ratio: 5:1 / 10:1 / 20:1 / 30:1 / 40:1
- Stroke length: 10mm ~ 300mm
- Operation temperature: -25°C ~ +65°C
- Protection class: up to IP65 (optional)

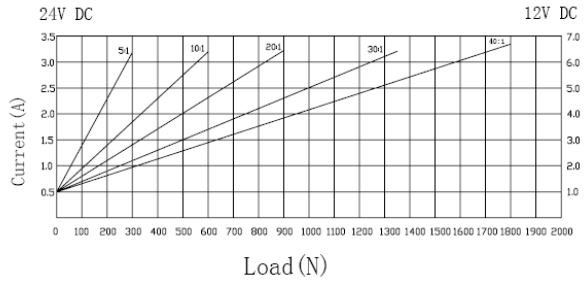
## Relevant Parameters

| Model                 |       | A         | B         | C         | D         | E         |
|-----------------------|-------|-----------|-----------|-----------|-----------|-----------|
| Gear Ratio            |       | 5:1       | 10:1      | 20:1      | 30:1      | 40:1      |
| Max. Load (push only) |       | 300N      | 600N      | 900N      | 1350N     | 2000N     |
| Max. Speed (no load)  |       | 40mm/sec  | 21mm/sec  | 13mm/sec  | 8.5mm/sec | 6.5mm/sec |
| Stroke Length         |       | 10~300mm  | 10~300mm  | 10~300mm  | 10~300mm  | 10~300mm  |
| Max. Current          | 12VDC | 6.50A     | 6.50A     | 6.50A     | 6.50A     | 6.50A     |
|                       | 24VDC | 3.30A     | 3.30A     | 3.30A     | 3.30A     | 3.30A     |
| Weight (Kg)           |       | 0.80~1.20 | 0.80~1.20 | 0.80~1.20 | 0.80~1.20 | 0.80~1.20 |

# Speed vs Load



# Current vs Load



# Order Format

