

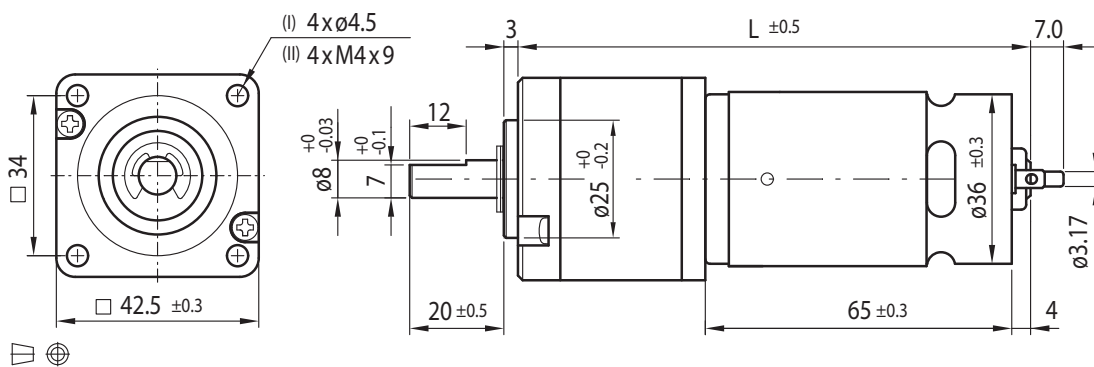
DC Motor Planetary Gearbox Type PL43-DC36.65



Gearmotor

| Gear Ratio | 4 | 14 | 17 | 24 | 49 | 61 | 84 | 104 | 144 | 212 | 294 | 504 | 624 | 720 | 864 |
|---------------|----------------------------------|-------|-------|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 12V | Rated Torque (Ncm) | 10 | 30 | 36 | 52 | 92 | 110 | 150 | 190 | 200 | 250 | 250 | 300 | 300 | 300 |
| | Rated Speed (min ⁻¹) | 1250 | 363 | 293 | 212 | 103 | 84 | 61 | 49 | 38 | 25 | 19 | 11 | 9 | 8 |
| 24V | Rated Torque (Ncm) | 9 | 26 | 31 | 45 | 80 | 100 | 140 | 170 | 200 | 250 | 250 | 300 | 300 | 300 |
| | Rated Speed (min ⁻¹) | 1290 | 375 | 302 | 218 | 107 | 87 | 63 | 51 | 39 | 26 | 19 | 11 | 9 | 8 |
| Length L (mm) | 91.15 | 97.95 | 97.95 | 97.95 | 104.75 | 104.75 | 104.75 | 104.75 | 104.75 | 111.45 | 111.45 | 111.45 | 111.45 | 111.45 | 111.45 |

Rel. Humidity: 20 to 85% | Ambient Temp.: -10 to +60°C | Net Weight max. 626g

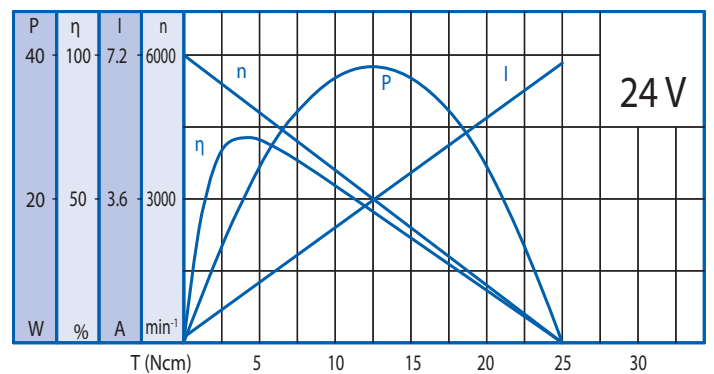
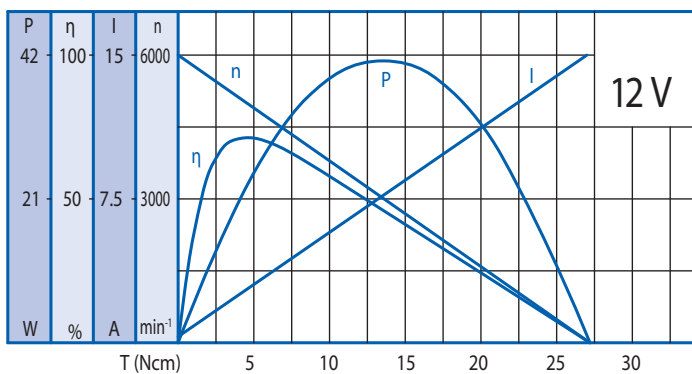


Options

| |
|-----------------|
| Encoder |
| EMC Filter |
| Leads |
| Connector |
| Special Shaft |
| Special Voltage |

Motor

| Rated Voltage (V) | Rated Torque (Ncm) | Rated Speed (min ⁻¹) | Rated Current (mA) | No Load Speed (min ⁻¹) | No Load Current (mA) | Rated Power (W) |
|-------------------|--------------------|----------------------------------|--------------------|------------------------------------|----------------------|-----------------|
| 12 | 3.2 | 5090 | ≤2100 | 6000 | ≤350 | 17.09 |
| 24 | 2.8 | 5250 | ≤900 | 6000 | ≤170 | 15.56 |



Gearbox

| Gear Ratio | 4 | 14 | 17 | 24 | 49 | 61 | 84 | 104 | 144 | 212 | 294 | 504 | 624 | 720 | 864 |
|-------------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Max. Rated Torque (Ncm) | 40 | 80 | 80 | 80 | 150 | 150 | 150 | 200 | 200 | 250 | 250 | 300 | 300 | 300 | 300 |
| Max. Peak Torque (Ncm) | 120 | 240 | 240 | 240 | 450 | 450 | 450 | 600 | 600 | 750 | 750 | 900 | 900 | 900 | 900 |

Ball Bearing

Radial Load (FR): 80 N (10 mm from face mounting) | Axial Load (FA): 30 N