

Geared Motor

1. LC30G & LC37G

(1) 표시형식(PART NUMBER DESIGNATION)

| | |
|--------------------------|--------------|
| LC37G - 183C 1/10 | |
| Series name | Gear ratio |
| LC30G191C : DC 24 V | 1/10 1/300 |
| LC37G-183C : DC 24 V | 1/30 1/500 |
| | 1/60 1/1000 |
| | 1/100 1/1500 |
| | 1/150 |

(2) 형식일람표(LIST OF PART NUMBERS)

| Gear ratio | Part number | Part number |
|------------|--------------------|---------------------|
| 1/10 | LC30G191C 1/10 | LC37G-183C 1/10 |
| 1/30 | LC30G191C 1/30 | LC37G-183C 1/30 |
| 1/60 | LC30G191C 1/60 | LC37G-183C 1/60 |
| 1/100 | LC30G191C 1/100 | LC37G-183C 1/100 |
| 1/150 | LC30G191C 1/150 | LC37G-183C 1/150 |
| 1/300 | → LC30G191C 1/300 | → LC37G-183C 1/300 |
| 1/500 | → LC30G191C 1/500 | → LC37G-183C 1/500 |
| 1/1000 | → LC30G191C 1/1000 | → LC37G-183C 1/1000 |
| 1/1500 | → LC30G191C 1/1500 | → LC37G-183C 1/1500 |

※Verify the above part numbers when placing orders.

The products indicated by→ mark are manufactured upon receipt of order basis.

(3) 표준사양(STANDARD SPECIFICATIONS)

<Motor only>

| Part number | Rated voltage | Rated torque | Rated speed | Rated current | No load speed | No load current | Starting torque | Starting current |
|-------------|---------------|------------------------------|------------------------|---------------|------------------------|-----------------|-------------------------------|------------------|
| LC30G191C | 24 V | 9,81 mN · m {100 gf · cm} | 5400 min ⁻¹ | 500 mA | 7000 min ⁻¹ | 60 mA | 34,32 mN · m {350 gf · cm} | 1500 mA |
| LC37G-183C | 24 V | 4,9 mN · m {50 gf · cm} | 5200 min ⁻¹ | 350 mA | 7400 min ⁻¹ | 70 mA | 11,76 mN · m {120 gf · cm} | 600 mA |

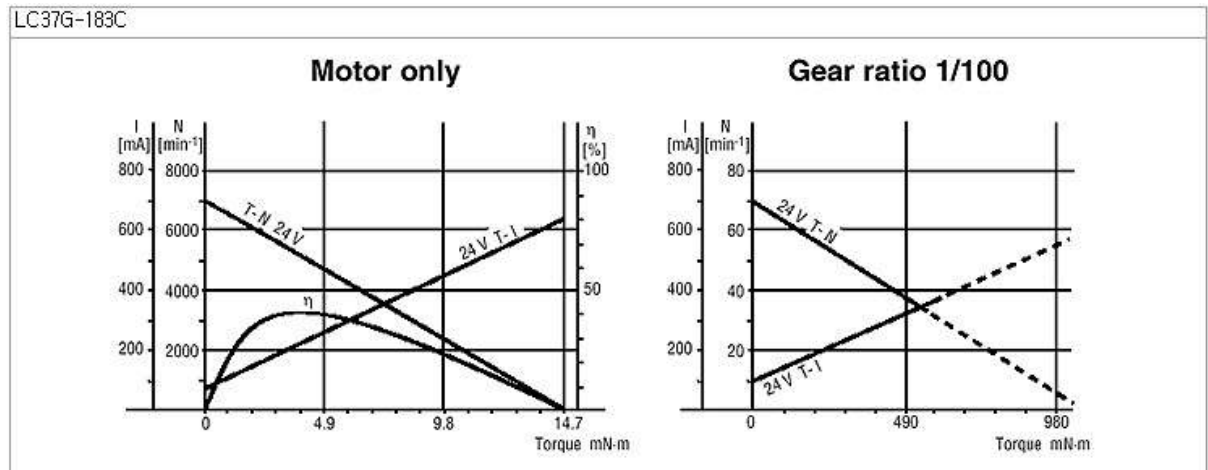
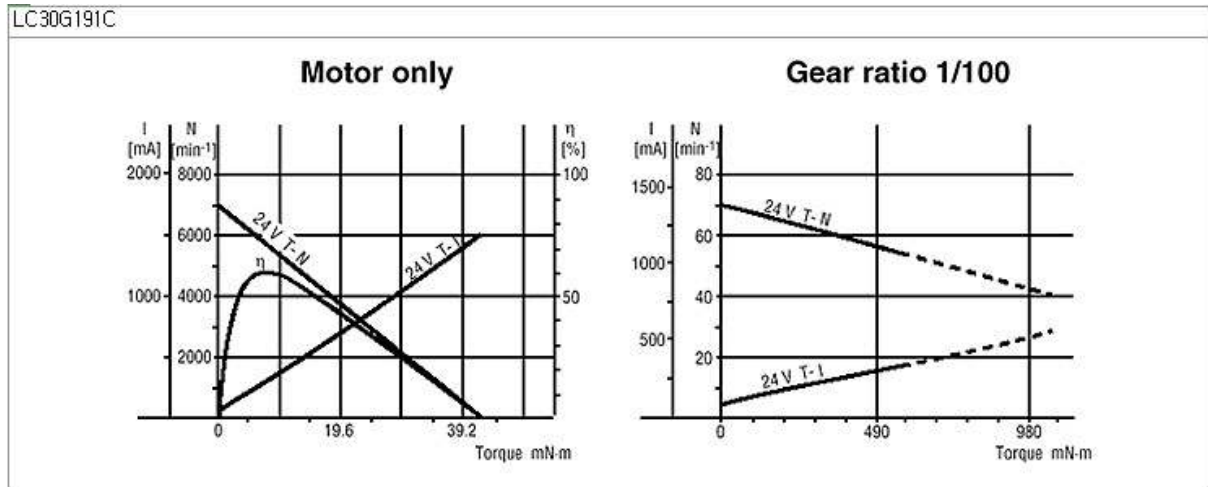
<With gearbox>LC30G191C

| Gear ratio | 1/10 | 1/30 | 1/60 | 1/100 | 1/150 | 1/300 | 1/500 | 1/1000 | 1/1500 |
|---------------------------------------|---------------|----------------|----------------|-------|----------------|-------|-------|--------|--------|
| Rated torque mN · m {kgf · cm} | 98,1 {1,0} | 196,1 {2,0} | 294,2 {3,0} | | 588,4 {6,0} | | | | |
| Rated speed min⁻¹ | 540 | 190 | 100 | 60 | 40 | 21 | 13 | 6,5 | 4,4 |
| Rated current A | 0,65 | 0,5 | | 0,37 | 0,23 | 0,25 | 0,2 | 0,15 | |
| No load speed min⁻¹ | 720 | 230 | 120 | 70 | 47 | 23 | 14 | 7 | 4,5 |

Geared Motor

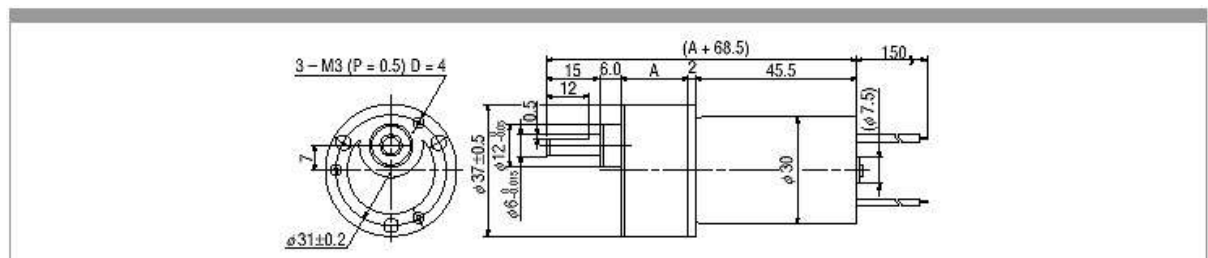
(4) 특성도 (PERFORMANCE CURVES)

(Figures in the table are typical values under rated operating condition)



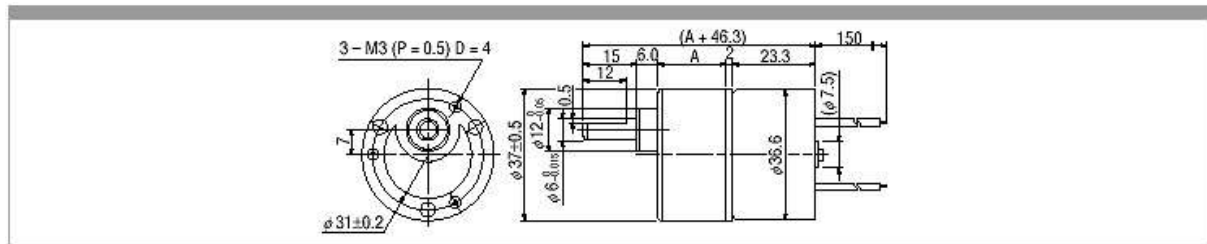
(5) 외형도면(OUTLINE DIMENSIONS)

1) LC30G191C



Geared Motor

2) LC30G-183C



Marks A

| Gear ratio | 1/10 | 1/30 | 1/60 | 1/100 | 1/150 | 1/300 | 1/500 | 1/1000 | 1/1500 |
|------------|------|------|------|-------|-------|-------|-------|--------|--------|
| A | 19,0 | 21,5 | 24,0 | | 26,5 | | 29,0 | | 31,5 |