

DC GEARED MOTORS

# LC30G/LC37G

RoHS compliant



LC30G191C

Weight : approx. 220 g  
(Gear ratio 1/10)



LC37G-183C

Weight : approx. 180 g  
(Gear ratio 1/10)

## PART NUMBER DESIGNATION

LC37G - 183C    1/10

Series name

LC30G191C : DC 24 V  
LC37G-183C : DC 24 V

Gear ratio

1/10	1/300
1/30	1/500
1/60	1/1000
1/100	1/1500
1/150	

## 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.

# LC30G/LC37G DC GEARED MOTORS

## 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	5400 min <sup>-1</sup>	500 mA	7000 min <sup>-1</sup>	60 mA	34.32 mN·m	1500 mA
LC37G-183C	24 V	4.9 mN·m	5200 min <sup>-1</sup>	350 mA	7400 min <sup>-1</sup>	70 mA	11.76 mN·m	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	98.1	196.1	294.2	588.4					
Rated speed min <sup>-1</sup>	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 <sup>-1</sup>	720	230	120	70	47	23	14	7	4.5

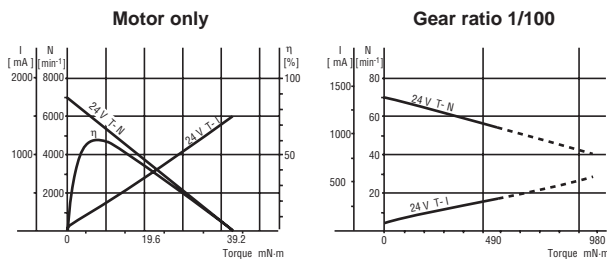
### LC37G-183C

Gear ratio	1/10	1/30	1/60	1/100	1/150	1/300	1/500	1/1000	1/1500
Rated torque mN·m	29.4	49.0	147.1	196.1	294.2	588.4			
Rated speed min <sup>-1</sup>	530	205	94	57	37	19	12	6.5	4.3
Rated current A	0.35						0.3		0.13
No load speed min <sup>-1</sup>	700	235	117	70	47	23	14	7	4.6

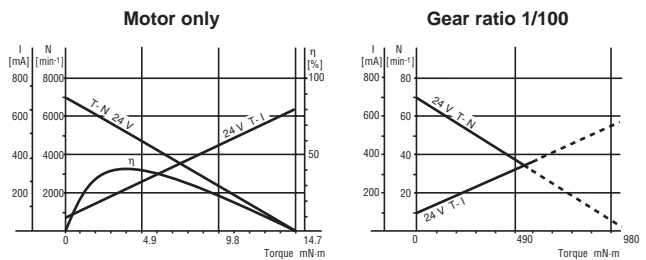
## PERFORMANCE CURVES

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

### LC30G191C



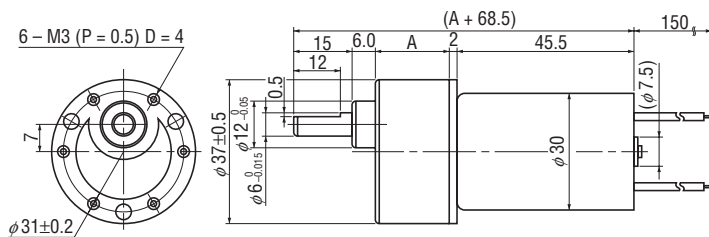
### LC37G-183C



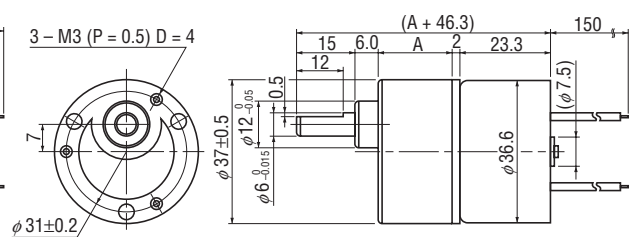
## OUTLINE DIMENSIONS

(Unit: mm)

### LC30G191C



### LC37G-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			