

DC GEARED MOTORS

HG16

RoHS compliant



Weight : approx. 27 g

■ PART NUMBER DESIGNATION

HG16 - 120 - A B - 00

Series name

Gear ratio

030 : 1/30 120 : 1/120
060 : 1/60 240 : 1/240

Rated voltage

A : DC6 V
B : DC12 V

■ LIST OF PART NUMBER

Gear ratio	Rated voltage	
	DC6 V	DC12 V
1/30	HG16-030-AA-00	HG16-030-AB-00
1/60	HG16-060-AA-00	HG16-060-AB-00
1/120	HG16-120-AA-00	HG16-120-AB-00
1/240	HG16-240-AA-00	HG16-240-AB-00

※ Verify the above part numbers when placing orders.

HG16

DC GEARED MOTORS

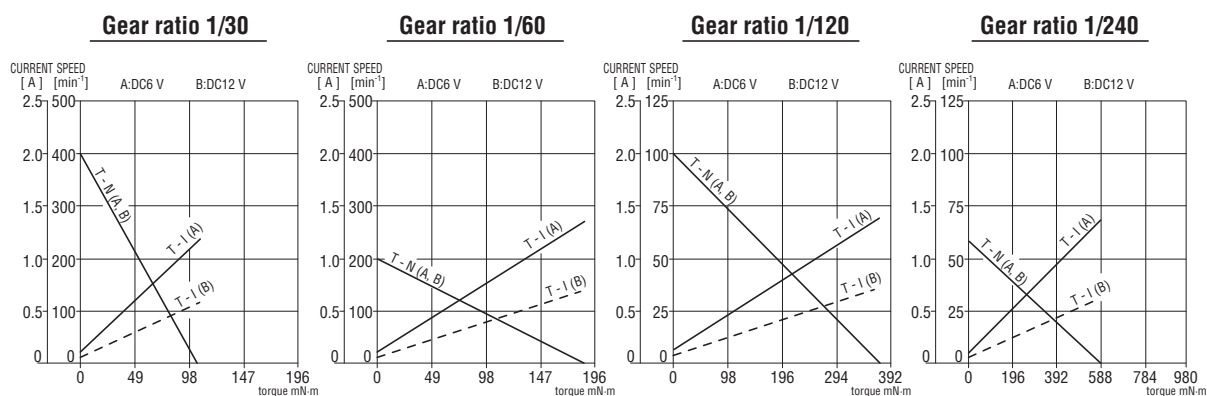
STANDARD SPECIFICATIONS

<With gearbox>

Gear ratio		1/30	1/60	1/120	1/240
Tolerance torque	mN·m	29.4	41.2	58.8	
Rated torque	mN·m	24.5	34.3	49	
Rated speed	min ⁻¹	310	175	85	55
Rated current	mA	DC6 V : 350 DC12 V : 180	DC6 V : 300 DC12 V : 160	DC6 V : 240 DC12 V : 120	DC6 V : 170 DC12 V : 90
No load speed	min ⁻¹	390	210	100	60
Starting current	mA	DC6 V : 1300		DC12 V : 600	

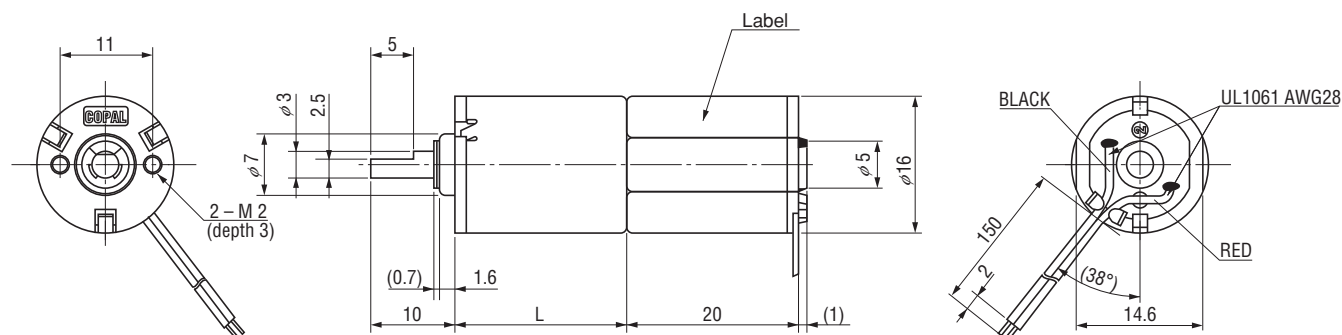
PERFORMANCE CURVES

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



OUTLINE DIMENSIONS

(Unit: mm)



Marks L

Gear ratio	1/30	1/60	1/120	1/240
L	16	20		

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

Nidec:

[HG16-240-AB-00](#) [HG16-030-AA-00](#) [HG16-030-AB-00](#) [HG16-060-AA-00](#) [HG16-060-AB-00](#) [HG16-120-AA-00](#) [HG16-120-AB-00](#) [HG16-240-AA-00](#)