

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

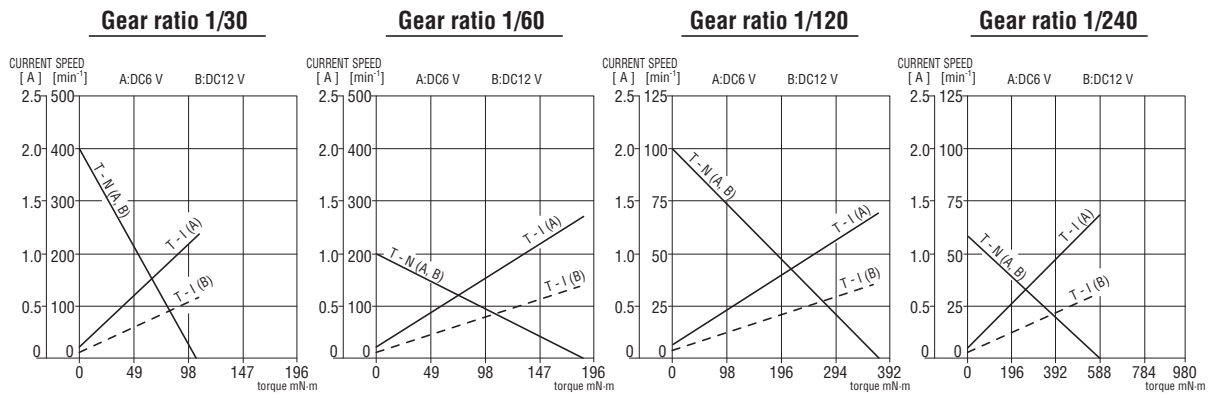
STANDARD SPECIFICATIONS

<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	

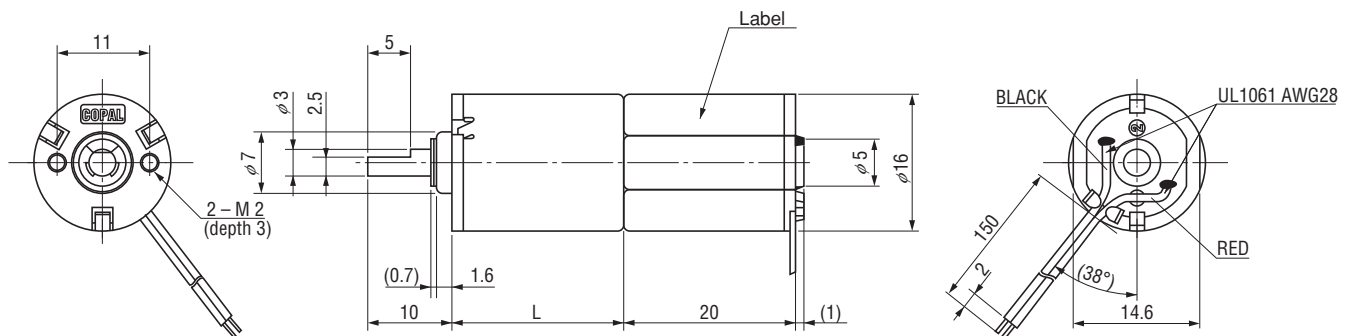
PERFORMANCE CURVES

(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	

X-ON Electronics

Largest Supplier of Electrical and Electronic Components

Click to view similar products for [AC, DC & Servo Motors](#) category:

Click to view products by [Nidec Copal](#) manufacturer:

Other Similar products are found below :

[79207644](#) [805470B40040MY](#) [80807028](#) [808070Y01125Z](#) [808550Y00049Z](#) [82520405](#) [82664024](#) [82802504](#) [R88M-G10030H-S2](#)
[R88MK10030H](#) [M4E068-EC03-01](#) [79265119](#) [80510503](#) [805470A40040MY](#) [805470B40020MY](#) [80627003](#) [808070Y00250Y](#)
[808070Y83.33Y](#) [823055A20001MW](#) [825140A40010MP](#) [825290C43.75MX](#) [82714023](#) [82800003](#) [82830009](#) [82810017](#) [R88M-K90010F-S2](#)
[89830012](#) [82840003](#) [82840004](#) [82869011](#) [82524021](#) [82862202](#) [82869006](#) [82861013](#) [80803009](#) [80547015](#) [82862205](#) [R88M-K40030T-B](#)
[80527006](#) [82330514](#) [81021118](#) [82524004](#) [82867009](#) [82662515](#) [82524008](#) [82524006](#) [82344760](#) [82344727](#) [82340184](#) [82334768](#)