

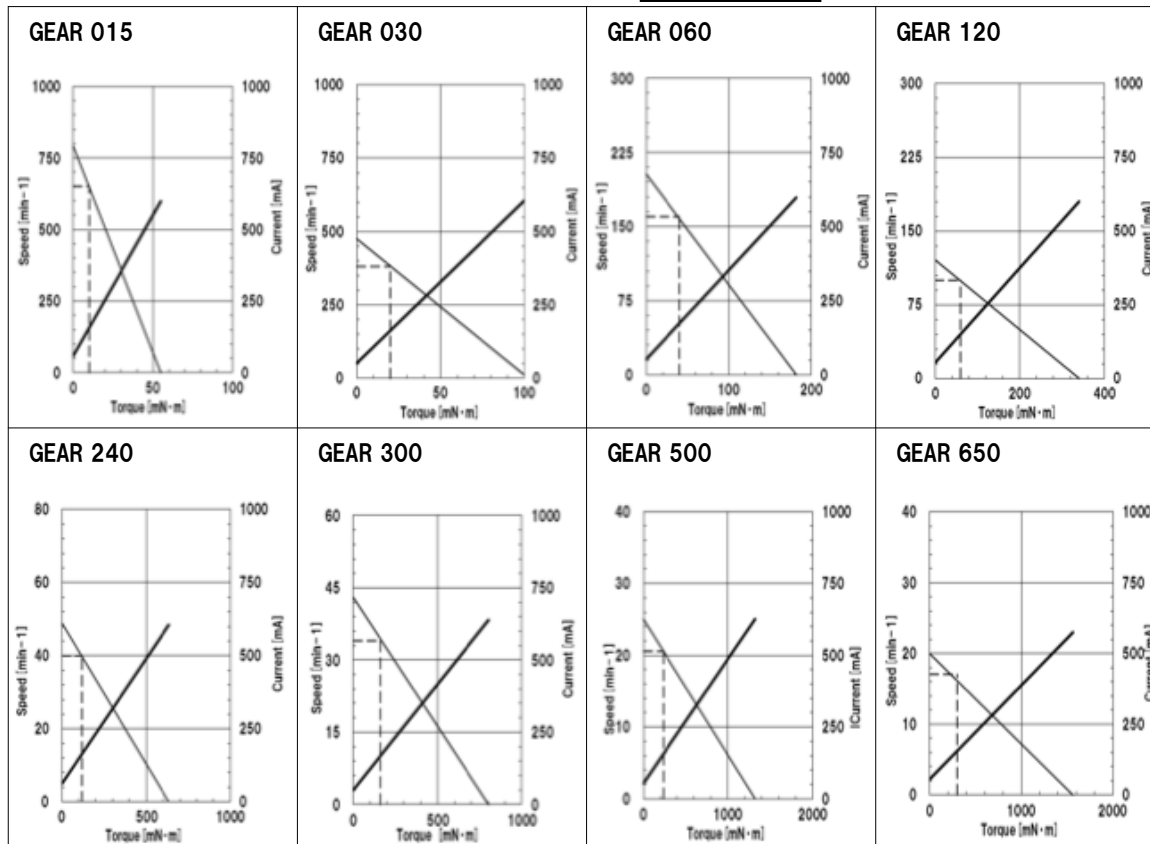
MG16B series, ϕ 16BRUSH MOTOR, Metal Planetary Gear, 12V

1. Spec/ 仕様一覧表

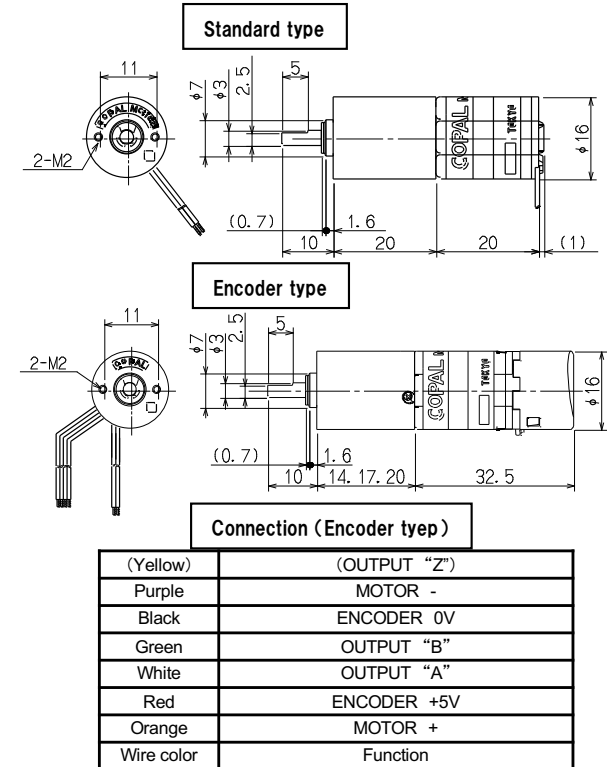
Voltage (V)	Nominal 呼称	Gear Ratio 減速比 1/×	Torque(mNm) トルク			Speed(min ⁻¹) (Ref.) 回転数		Current(mA) 電流			Gear head Length ギヤ部全長	Mass 質量 (Ref.)
			Rated (Recommended) 定格(推奨)	Allowable 許容	Stall 起動	No load 無負荷	Rated load 定格	No load 無負荷	Rated load 定格	Stall 起動		
12	015	16.0	10	15	>30	790	650	<80	<250	<800	14mm	30g
	030	28.5	20	30	>50	465	380				17mm	33g
	060	64.0	40	60	>100	200	160				20mm	36g
	120	107.2	60	90	>170	120	100					
	240	256.0	120	180	>350	49	40					
	300	304.0	160	240	>400	42	34					
	500	509.0	240	360	>600	25	20.5					
650	643.0	300	450	>900	20	17						

2. Characteristic curves (Ref.) / 特性図

— : SPEED
— : CURRENT



3. Outline drawing/ 概略寸法図



4. Encoder Spec/ エンコーダ仕様

Voltage: 5 V DC

Channel チャンネル	Resolution 分解能	MAX. Frequency Response 最大応答周波数
2 (Can be added to the Z-phase / Z相追加可)	32 P/R (Z-phase 1P/R)	10kHz (Z-phase 312.5Hz)
2 (Can be added to the Z-phase / Z相追加可)	64 P/R (Z-phase 1P/R)	10kHz (Z-phase 156.25Hz)
2 (Can be added to the Z-phase / Z相追加可)	128 P/R (Z-phase 1P/R)	10kHz (Z-phase 178.125Hz)

Output wave form(Ref.)

