

產品編號 (Part Number)	減速比 (Gear Ratio)
GD502-N500M1	20

馬達特性規格(Motor Performace Spec.)		換相時序圖 (Commutation Sequence) 8P / from motor bottom, C.C.W					
額定電壓(Rated Voltage)	48VDC	馬達 (Motor Cable)			霍爾信號(Hall Signal)		
無載轉速(No Load Speed)	4200 r/min	U	V	W	S1	S2	S3
無載電流(No Load Current)	1.4 A	X	Low	Hi	1	1	0
轉向(Direction of Rotation)	C.W.	Hi	Low	X	0	1	0
額定功率(Rated Power)	500 W	Hi	X	Low	0	1	1
額定轉矩(Rated Torque)	16 kg-cm	X	Hi	Low	0	0	1
起動轉矩(Starting Torque)	30 kg-cm	Low	Hi	X	1	0	1
額定輸入電流(Rated Input Current)	15 A	Low	X	Hi	1	0	0
額定轉速(Rated Speed)	3000 r/min						
線間電阻(L-L Resistance)	130 +/- 10% mR						
耐壓測試(Hi-Pot)	1000VAC/1mA/1sec.						
絕緣測試(Insulation Test)	500VDC/50MΩ min.						
反電動勢(Back Emf)	7.9 V/krpm						
電磁剎車靜摩擦力(E.M. Brake Static Torque)	4 Nm, 12W						

產品編號說明
(Part Number Information)

GD 5 02 - N 500 M1

電磁煞車彎柄機型
(With Electromagnetic Brake)

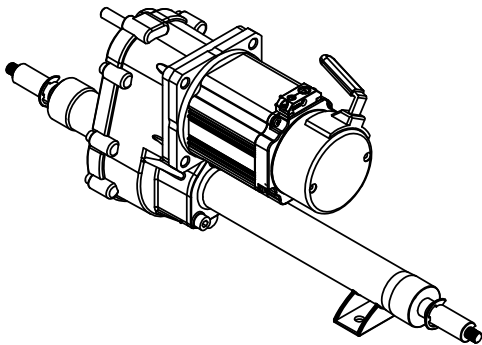
額定功率 (Rated Power)
500 : 500 W


輸入電壓 (Rated Voltage)
N : 48 VDC

型號流水碼

馬達框徑
5: 90mm

GD 差速後橋



標題(TITLE)	BLDC Motor / Brake RearAxle GearBox							NOTES		THIRD ANGLE PROJECTION 
型號(MODEL)	GD502-N500M1	2.0	ESD-196	Regan		Gear	2018/06/22	TOLERANCE TO BE FOLLOWINGS UNLESS OTHERWISE BE SPECIFIED:		
規格(SPEC.)	GD系列, 48VDC, 500W, 3000RPM 無刷馬達, 附電磁剎車, 1:XX後橋差速	1.0	ESD-168			Gear	2018/03/22	LENGTH (mm)	TOLERANCE	UNIT: mm
								0-30 (included)	±0.20mm	SHEET NO: 1/2
		VER	ECO NO.	DRWN	CH'KD	APPR	DATE	30-120 (included)	±0.30mm	
								120-315 (included)	±0.50mm	SCALE: -
DWG NO.	SD-07-S0252	Surface Finished:		-				315-1000 (included)	±0.80mm	SIZE: A4
								OVER 1000	±1.20mm	



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