

產品編號 (Part Number)	減速比 (Gear Ratio)	背隙 (Backlash)	容許輪轉矩 (Permissible Wheel Torque)	最大輪負載 (Permissible Load)	行駛車速 (Rated Speed)	馬達轉速對應驅動輪組輸出轉矩 (Gearhead Output Tq. by Motor Speed)
						馬達轉速 (Motor Speed) 100~3000 r/min
MGW250A-K1K0N	35.7	10 arcmin	400 N-m	1500 Kg	57.17 m/min	90 N-m

馬達特性規格 (Motor Performance Spec.)		換相時序圖 (Commutation Sequence) 8P / from motor bottom, C.C.W					
額定電壓 (Rated Voltage)	24 VDC	馬達 (Motor Cable)			霍爾信號 (Hall Signal)		
額定功率 (Rated Power)	1000 W	U	V	W	S1	S2	S3
額定轉速 (Rated Speed)	3000 r/min	X	Low	Hi	1	1	0
無載轉速 (No Load Speed)	4300 r/min	Hi	Low	X	0	1	0
無載電流 (No Load Current)	13.5 A	Hi	X	Low	0	1	1
額定轉矩 (Rated Torque)	3.1 N-m	X	Hi	Low	0	0	1
起動轉矩 (Starting Torque)	6.2 N-m	Low	Hi	X	1	0	1
額定輸入電流 (Rated Input Current)	57 A	Low	X	Hi	1	0	0
耐壓測試(Hi-Pot)	1000 VAC/ 1mA / 1sec.						
絕緣測試(Insulation Test)	500 VDC / 50 MΩ min.						
反電動勢 (Back Emf)	3.91 V/krpm						
總重 (Total Weight)	40.1 Kg						

電磁剎車規格 (Electromagetic Brake Spec.)	
電壓 (Voltage)	24 VDC
功率 (Power)	25 W
靜摩擦轉矩 (Static Friction Torque)	8.0 N-m

產品編號說明
(Part Number Informaton)

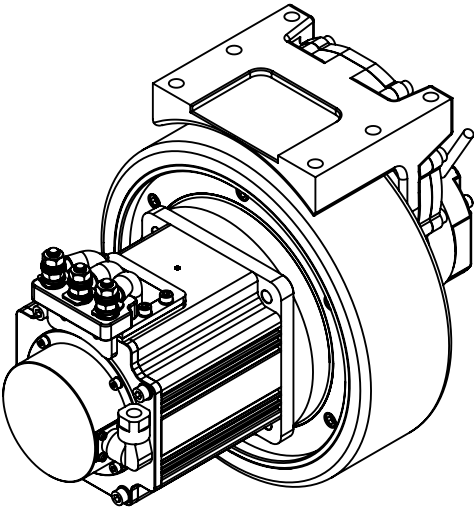
MGW250A - K 1K0 N


N - BLD0N 不帶線

額定功率
1K0 - 1000W

輸入電壓
K - 24 VDC

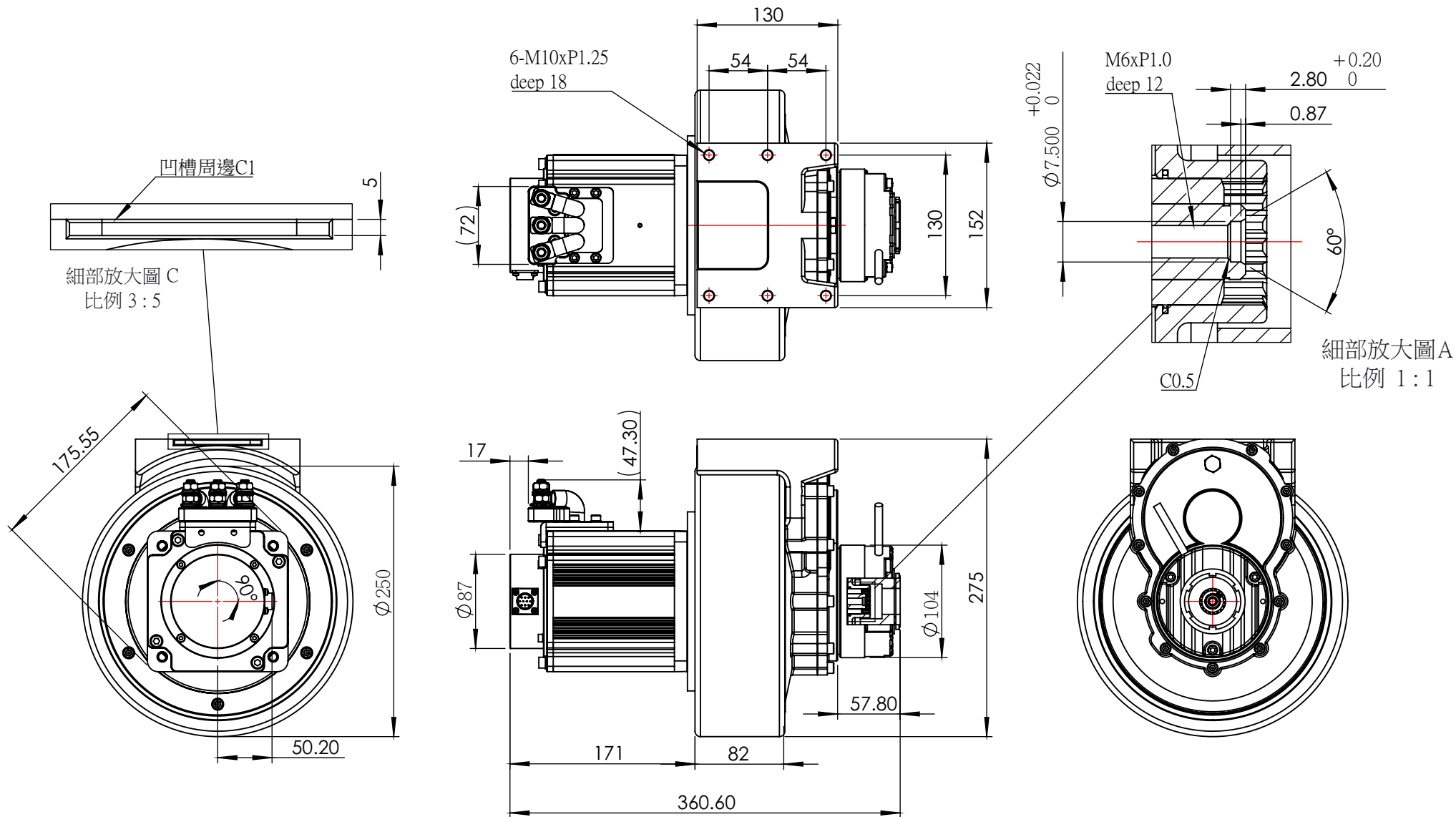
驅動輪組系列
MGW250 - 驅動輪組 250 mm 輪徑
頂面凹槽



標題(TITLE)	BLDC Motor / Brake DriveWheel							NOTES		THIRD ANGLE PROJECTION 
型號(MODEL)	MGW250A-K1K0N							TOLERANCE TO BE FOLLOWINGS UNLESS OTHERWISE BE SPECIFIED:		
規格(SPEC.)	MGW系列, 24VDC, 1000W, 3000RPM 無刷馬達, 不帶線, 附電磁剎車, 250mm 驅動輪	1.1	ESD-463	Regan		Gear	2019/8/13	LENGTH (mm)	TOLERANCE	UNIT: mm
								0~30 (included)	±0.20mm	SHEET NO: 1/3
		1.0	ESD-463	Regan		Gear	2019/8/13	30~120 (included)	±0.30mm	SCALE: —
								120~315 (included)	±0.50mm	
DWG NO.	SD-07-S0448	VER	ECO NO.	DRWN	CH'KD	APPR	DATE	315~1000 (included)	±0.80mm	SIZE: A4
								OVER 1000	±1.20mm	



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型號(MODEL)	MGW250A-K1K0N
DWG NO.	SD-07-S0448

NOTES	
TOLERANCE TO BE FOLLOWINGS UNLESS OTHERWISE BE SPECIFIED:	
LENGTH (mm)	TOLERANCE
0~30 (included)	±0.20mm
30~120 (included)	±0.30mm
120~315 (included)	±0.50mm
315~1000 (included)	±0.80mm
OVER 1000	±1.20mm

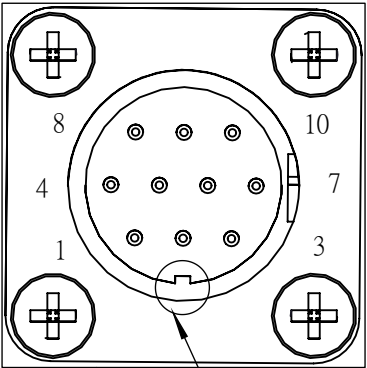
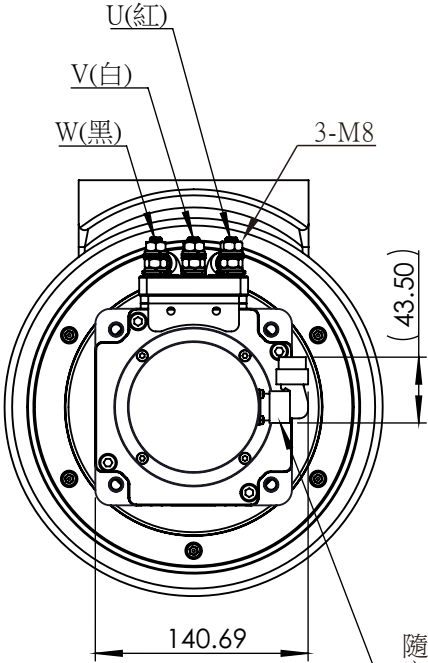
THIRD ANGLE PROJECTION	
UNIT:	mm
SHEET NO:	2/3
SCALE:	1:5
SIZE:	A4



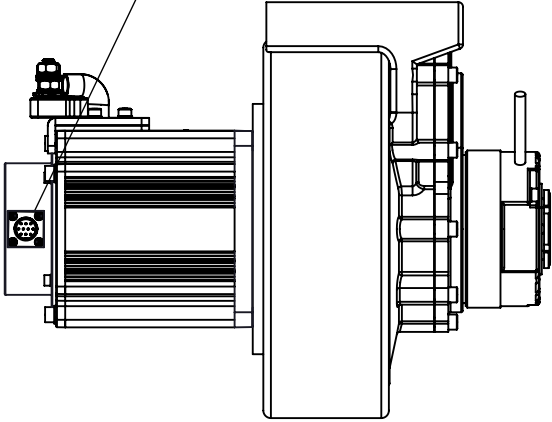
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XMV1-R10P-C 腳位定義 (Pin Function)			
PIN	功能 (Function)	線色 (Color)	線規 (Reamrk)
1	OT-	黑(Black)	UL 2517 Cable, 105℃, 300V, AWG#24 (UL 1430)x7C (yellow, green, brown, red, orange, white, black) 隔離網+錫箔
2	Null	X	
3	OT+	白(White)	
4	Hall_Vcc	黃(Yellow)	
5	Null	X	
6	Null	X	
7	Hall_Gnd	綠(Green)	
8	S1	棕(Brown)	
9	S2	紅(Red)	
10	S3	橙(Orange)	

馬達動力線 腳位定義 (Pin Function)		
功能(Function)	線色(Color)	線規(Remark)
U	紅 (Red)	6 AWG (截面積約13 mm^2) 壓鑄端子需可供 M8螺絲鎖固
V	白(White)	
W	黑(Black)	



XMV1-R10P-C



隨貨附小型防水接頭(XMV1-AP-10S-M-C) , 客戶可自行焊接做線, 或是找創盟業務洽詢通訊線材組規格(CSXXBV系列) .

型號(MODEL)	MGW250A-K1K0N
DWG NO.	SD-07-S0448

NOTES	
TOLERANCE TO BE FOLLOWINGS UNLESS OTHERWISE BE SPECIFIED:	
LENGTH (mm)	TOLERANCE
0~30 (included)	±0.20mm
30~120 (included)	±0.30mm
120~315 (included)	±0.50mm
315~1000 (included)	±0.80mm
OVER 1000	±1.20mm

THIRD ANGLE PROJECTION
UNIT: mm
SHEET NO: 3/3
SCALE: —
SIZE: A4



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