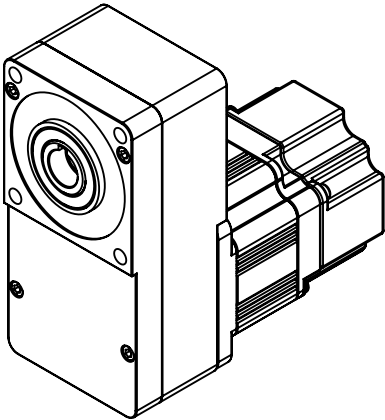
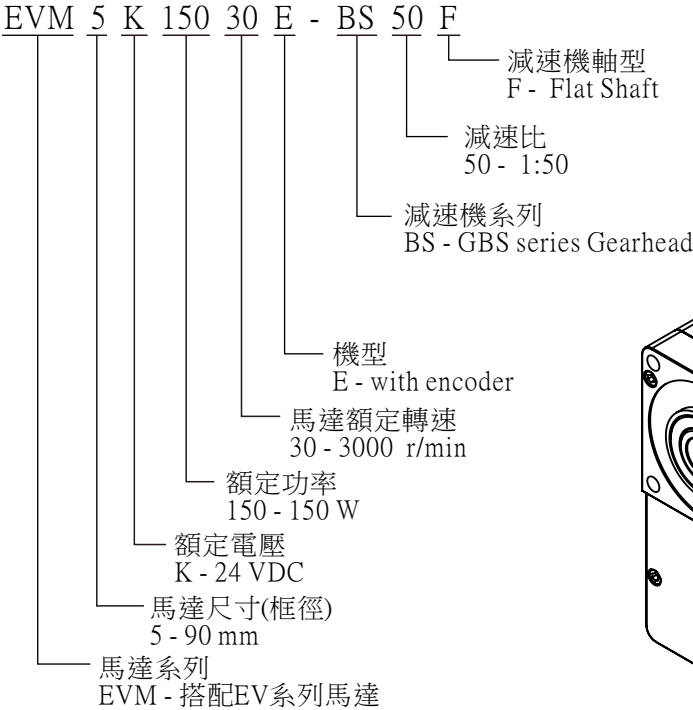



產品編號 (Part Number)	減速比 (Gear Ratio)	減速機額定轉矩 (Gearhead Rated Torque)	容許懸吊載重 (Permissible Overhung Load)	容許推力載重 (Permissible Thrust Load)	馬達轉速對應減速機輸出轉矩 (Gearhead Output Tq. by Motor Speed)	
					馬達轉速 (Motor Speed) 100~3000 r/min	馬達轉速 (Motor Speed) 3500~ r/min
EVM5K15030E-BS50F	50	20 N·m	1500 N (150 Kg)	500 N (50 Kg)	18.44 N·m	9.99 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)		
無載轉速 (No Load Speed)	4200 r/min	U	V	W	S1	S2	S3
額定功率 (Rated Power)	150 W	X	Low	Hi	1	1	0
轉向 (Direction of Rotation)	C.W.	Hi	Low	X	0	1	0
額定轉矩 (Rated Torque)	0.48 N·m	Hi	X	Low	0	1	1
起動轉矩 (Starting Torque)	0.96 N·m	X	Hi	Low	0	0	1
額定輸入電流 (Rated Input Current)	8.0 A	Low	Hi	X	1	0	1
額定相電流 (Rated Phase Current)	9.4 A	Low	X	Hi	1	0	0
額定轉速 (Rated Speed)	3000 r/min						
線間電阻 (L-L Resistance )	145 mΩ						
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)	4.18 V/krpm						

產品編號說明  
( Part Number Information )



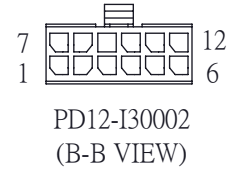
標題(TITLE)	BLDC Motor / Encoder Hollow Shaft Flat Gearhead							NOTES		
型號(MODEL)	EVM5K15030E-BS50F							TOLERANCE TO BE FOLLOWINGS UNLESS OTHERWISE BE SPECIFIED:		
規格(SPEC.)	Ev系列, 24VDC, 150W, 3000RPM 無刷馬達, 附編碼器, 1:50平行中空軸減速機	1.0	ESD-408	Regan		Gear	2019/1/23	LENGTH (mm)	TOLERANCE	UNIT: mm
								0~30 (included)	±0.20mm	SHEET NO: 1/3
								30~120 (included)	±0.30mm	
								120~315 (included)	±0.50mm	
DWG NO.	SD-06-S0364	VER	ECO NO.	DRWN	CH'KD	APPR	Date	315~1000 (included)	±0.80mm	SIZE: A4
								OVER 1000	±1.20mm	



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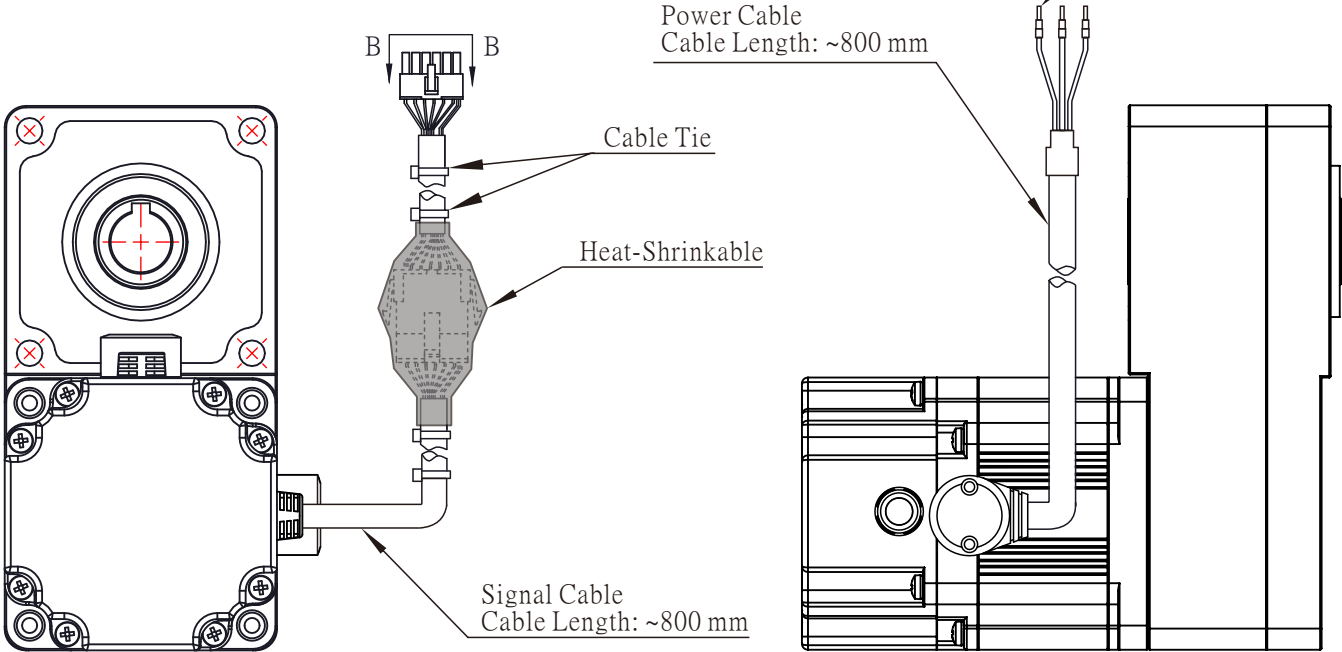


PD12-I30002 腳位定義 ( Pin Function )			
PIN	功能 (Function)	線色 (Color)	線規 (Reamrk)
1	Shield	隔離網(Braid)	UL 2464 flexible Cable, 80℃, 300V, (5x(2x0.25^2)) 對絞有隔離網. (White, Brown) (Green, Yellow) (Gray, Pink) (Blue, Red) (Black, Purple)
2	OT-	棕(Brown)	
3	Z / W	黑(Black)	
4	B / V	藍(Blue)	
5	A / U	灰(Gray)	
6	GND	綠(Green)	
7	Null	X	
8	OT+	白(White)	
9	Z / W	紫(Purple)	
10	B / V	紅(Red)	
11	A / U	粉(Pink)	
12	+5V	黃(Yellow)	



Motor Power 線色定義 (Color Function)		
功能(Function)	線色(Color)	線規(Remark)
U	紅 (Red)	105℃, 300V, 12 AWGx3C Oil resistance & flexible, OD:8.5mm
V	白(White)	
W	黑(Black)	

KSS BD5-18F AWG10~12  
(or equivalent)x3  
Blade Insulated Terminal(Yellow)  
with Cable Marker(White)



型號(MODEL)	EVM5K15030E-BS50F
DWG NO.	SD-06-S0364

NOTES		THIRD ANGLE PROJECTION
TOLERANCE TO BE FOLLOWINGS UNLESS OTHERWISE BE SPECIFIED:		
LENGTH (mm)	TOLERANCE	UNIT: mm
0~30 (included)	±0.20mm	SHEET NO: 3/3
30~120 (included)	±0.30mm	
120~315 (included)	±0.50mm	SCALE: 2:5
315~1000 (included)	±0.80mm	
OVER 1000	±1.20mm	SIZE: A4



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