

FUKUTA®



ENJOY

e power



Traction Motor IM/PM series

INNOVATION / ENTHUSIASM / CREDIBILITY

電動馬達 IM/PM系列

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» AC TRACTION MOTOR

High Efficiency Induction Motor - IM series

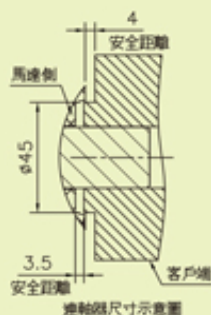
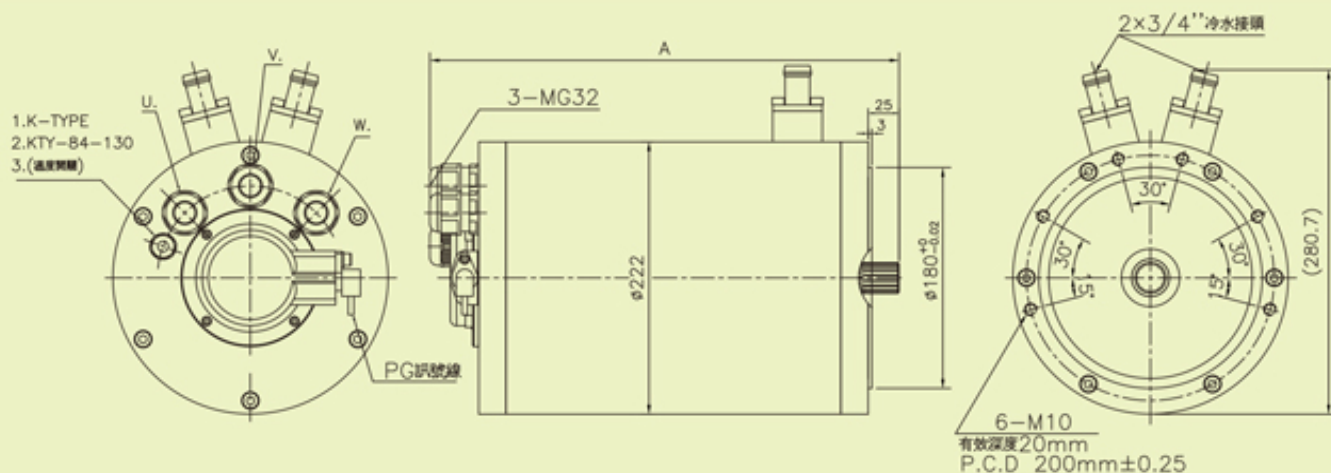
	KW	Peak KW	Rating RPM	MAX RPM	Rating torque (Nm)	MAX torque (Nm)	Weight (kg)
ECIW-180110	28	85	6000	18000	45	135	20
ECIW-180135	35	100	6000	18000	55.7	159.5	36
ECIW-180160	45	120	6000	15000	71.6	191	45
ECIW-210130	50	135	6000	16000	79.8	214.8	48
ECIW-210152	60	160	6000	16000	95.5	254.6	61
ECIW-210200	75	210	6000	14000	119.4	334.25	80
ECIW-248120	85	245	6000	15000	135.3	389.9	77
ECIW-248145	100	300	6000	15000	159.1	477.5	81
ECIW-248165	120	335	6000	13000	191	533.2	94
ECIW-280240	75	187	2500	4000	286.5	714.3	165
ECIW-400350	180	360	2000	4000	859.4	1718.9	320

High Efficiency synchronous Motor - PM series

	KW	Peak KW	Rating RPM	MAX RPM	Rating torque (Nm)	MAX torque (Nm)	Weight (kg)
ECPW-180110	22	50	4000	14000	52.5	130	19
ECPW-180135	30	65	4000	14000	71.6	155	34
ECPW-180160	30	70	3500	12000	81.8	191	40
ECPW-220110	45	110	4500	14000	95.5	238.7	47
ECPW-220150	65	150	4500	14000	138	318	59
ECPW-220180	80	165	4000	12000	190	400	78
ECPW-280240	75	185	2000	3000	358.1	883.3	154

1. All the above specification is only for reference. The motor features and system are customized design.
2. For the Liquid Cooling power systems, please contact us for more information.

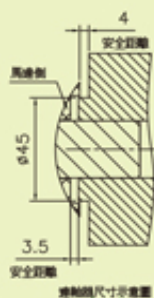
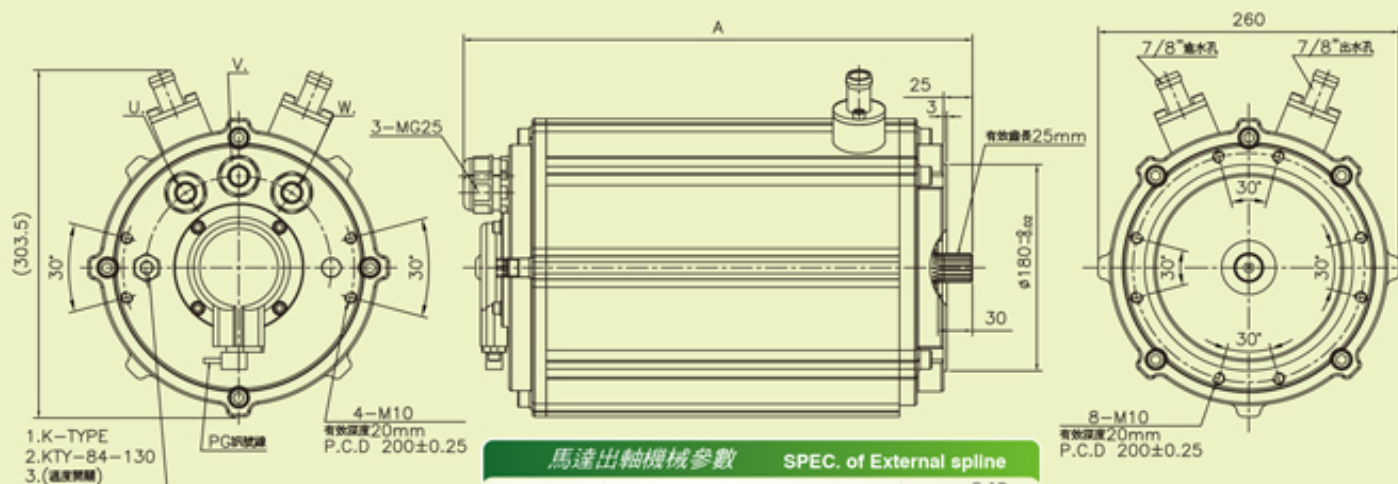
EC-180



馬達出軸機械參數		SPEC. of External spline
齒外徑	Major Diameter	$\phi 25 \begin{smallmatrix} -0.10 \\ -0.12 \end{smallmatrix}$
齒底徑	Minor Diameter	$\phi 22$
模數	Module	M1.25
壓力角	Pressure Angle	20°
齒數	Number Of tooth	18T
節圓直徑	Pitch Circle Diameter	$\phi 22.5$
跨齒厚(3T)	Span Measurement of Teeth	$10.22 \begin{smallmatrix} -0.05 \\ -0.08 \end{smallmatrix}$
齒深	Depth of Tooth	1.5mm

Model	尺寸
IM series	A
ECIW-180110	329
ECIW-180135	354
ECIW-180160	379
PM series	
ECPW-180110	329
ECPW-180135	354
ECPW-180160	379

EC-210



馬達出軸機械參數		SPEC. of External spline
齒外徑	Major Diameter	$\phi 25 \begin{smallmatrix} -0.10 \\ -0.12 \end{smallmatrix}$
齒底徑	Minor Diameter	$\phi 22$
模數	Module	M1.25
壓力角	Pressure Angle	20°
齒數	Number Of tooth	18T
節圓直徑	Pitch Circle Diameter	$\phi 22.5$
跨齒厚(3T)	Span Measurement of Teeth	$10.22 \begin{smallmatrix} -0.05 \\ -0.08 \end{smallmatrix}$
齒深	Depth of Tooth	1.5mm

Model	尺寸
IM series	A
ECIW-210130	369.5
ECIW-210152	391.5
ECIW-210200	439.5

EC-220



齒外徑	Major Diameter	ø 25 ^{+0.10} _{-0.12}
齒底徑	Minor Diameter	ø 22
模數	Module	M1.25
壓力角	Pressure Angle	20°
齒數	Number Of tooth	18T
節圓直徑	Pitch Circle Diameter	ø22.5
跨齒厚(3T)	Span Measurement of Teeth	10.22 ^{+0.05} _{-0.06}
齒深	Depth of Tooth	1.5mm

尺寸

IM series	A	B
ECPW-220110	355.5	85
ECPW-220150	395.5	125
ECPW-220180	425.5	155

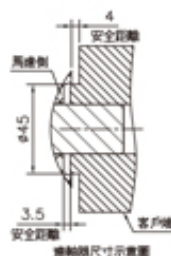
EC-248

JIS-D2001

齒外径	Major Diameter	ø 25 ^{+0.10} _{-0.12}
齒底徑	Minor Diameter	ø 22
模數	Module	M1.25
壓力角	Pressure Angle	20°
齒數	Number Of tooth	18T
節圓直徑	Pitch Circle Diameter	ø22.5
跨齒厚(3T)	Span Measurement of Teeth	10.22 ^{+0.05} _{-0.08}
齒深	Depth of Tooth	1.5mm

尺寸

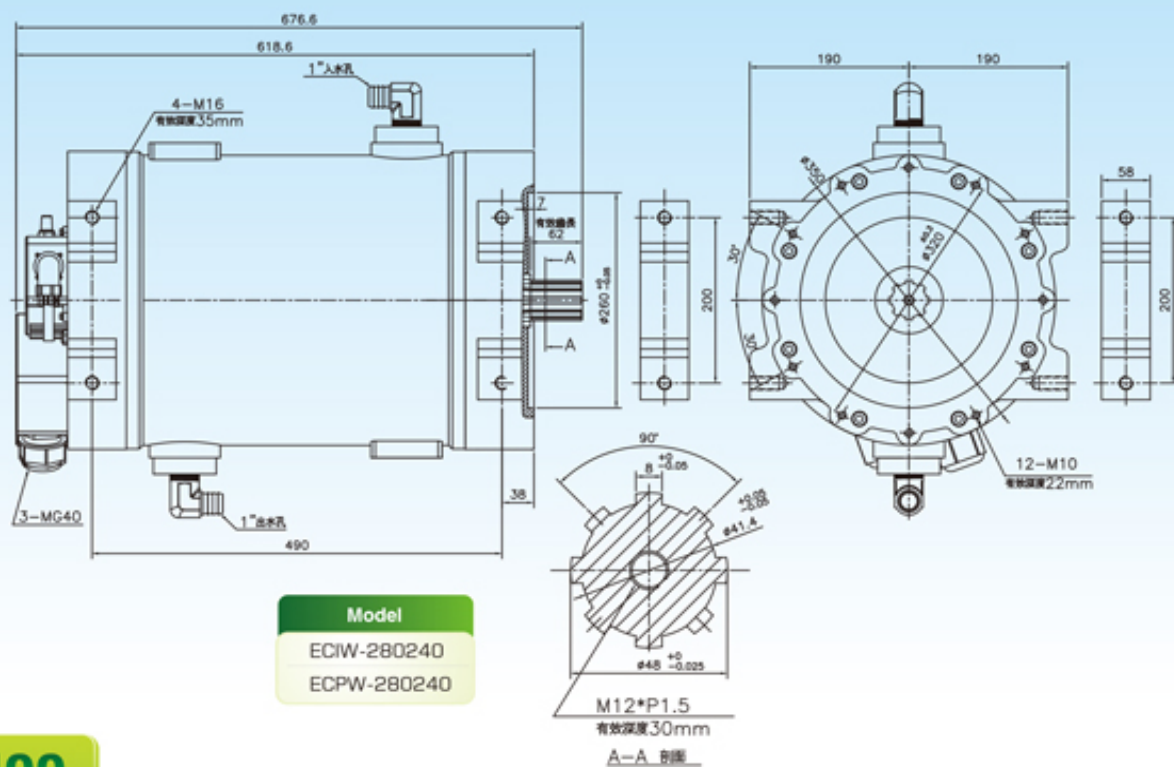
IM series	A	B
ECIW-248120	393	10
ECIW-248145	416	12
ECIW-248165	438	14



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EC-280

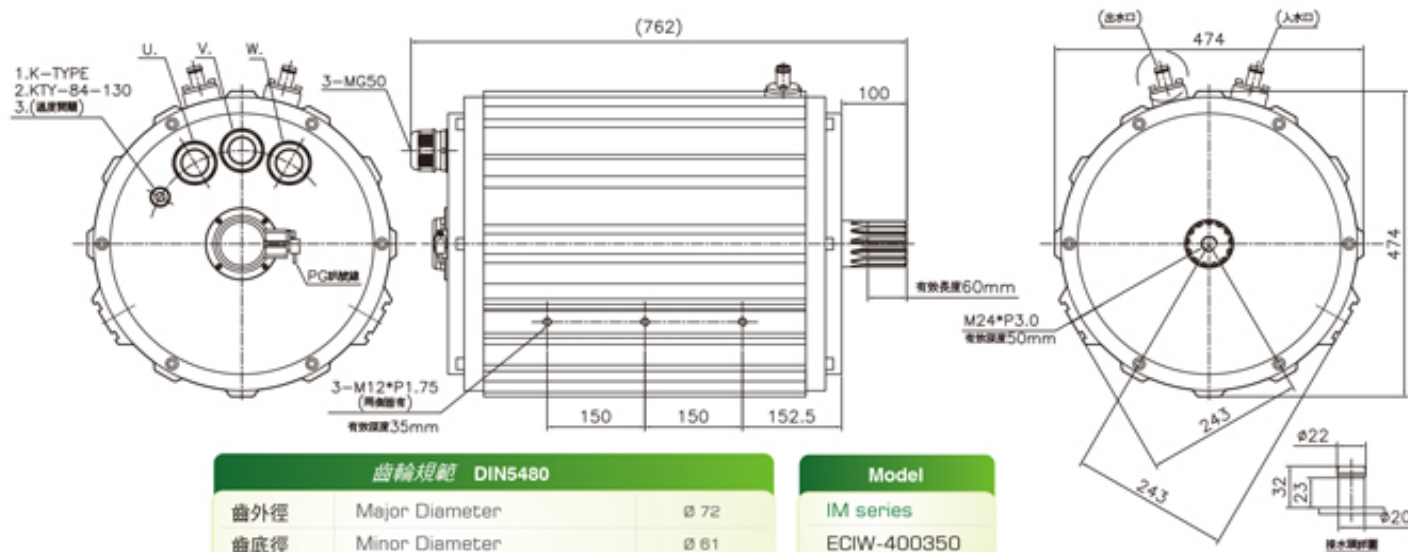


Model

ECIW-280240

ECPW-280240

EC-400



齒輪規範 DIN5480

齒外徑	Major Diameter	Ø 72
齒底徑	Minor Diameter	Ø 61
模數	Module	M5
壓力角	Pressure Angle	30°
齒數	Number Of tooth	13T
節圓直徑	Pitch Circle Diameter	Ø65
跨齒厚(3T)	Span Measurement of Teeth	37.784 $\begin{smallmatrix} -0 \\ -0.05 \end{smallmatrix}$
齒深	Depth of Tooth	Ø 65
跨銷距	Measurement Between Pins	81.44 $\begin{smallmatrix} -0 \\ -0.05 \end{smallmatrix}$
量測棒徑	Measuring Rod Diameter	Ø 10

Model

IM series

ECIW-400350



極速傳動 無遠弗屆

Top speed transmission without limitation



Welcome Website

總公司

台灣台中市神岡區豐工南路18號

Tel: +886-4-2515-9568 Fax: +886-4-2515-9538

No.18, Fenggong S. Rd., Shengang Dist., Taichung City 429, Taiwan (R.O.C.)

豐洲廠

台灣台中市神岡區豐洲路301巷2-1號

Tel: +886-4-2528-8833 Fax: +886-4-2528-3979

No.2-1, Ln. 301, Fengzhou Rd., Shengang Dist., Taichung City 429, Taiwan (R.O.C.)

銅科廠

台灣苗栗縣銅鑼鄉銅科六路6號

Tel: +886-37-980799 Fax: +886-37-980709

No 6. Tongke 6nd Rd., Tongluo Township, Miaoli County 366, Taiwan (R.O.C.)