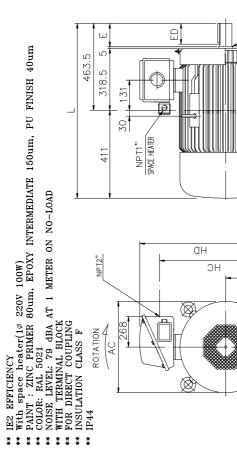
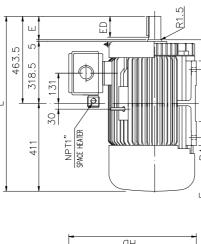
	TIB	Appl	EHC		H
		0123369-10	ON EDITORIE	FRAME NO.	250ST
NO:	CUSTOMER: TOJ	ORDER NO: 1010123369-10	Moner	MODEL	FPFC
N FILE		ORDE	TIME	RATING	S1
TOTALLY ENCLOSED FAN FILE NO:	SOTOR (90 SERIES)	(INDOOR)	000	FREQ	50Hz
TOTALLY	ROTOR (6		EIGH	VOLT.	380V
면 면 기	E E	INDUCTION MOTOR	SYN.	- 1	1000r.p.m
OITTIINE	3-PHASE	TION	100	POLE	6P
	 > m	INDUC	miramira	OUTPUL	55 kW

ROTATION





			5	
	<u></u>	1 1	R11.5	
30 131	NPTY SPACE HEATER			S S S S S S S S S S S S S S S S S S S
		ан		N X
		HC	Н -	4-øK HOLES

APPLICATION

L AA AB AC BA BB HA HC HD   875 100 486 560 150 411 35 668 815	APPROX		BEARING NO.	BEAR			SHAFT END	THS		Ш		
AB AC BA BB HA HC	81	668	35	411	 560	486	100	875			250 24	
	HD	нс	HA	ВВ	AC	AB	AA	L	K	Н К		Н
										MOTOR	JMP MOTOR	EHC OIL PUMP MOTOR

			/HS	SHAFT END	٩		BEARIN	BEARING NO.	APPROX
	D	E	ED	F	5	GA	D.E	*0.D.E	WEIGHT
	75	140	110	20	67.5	79.5	6218	6313/C3 VL0241	540 kg

NOTE:1.TOLERANCE OF SHAFT END DIAMETER D: m6 (+0.030,+0.011)  $2. {\tt TOLERANCE}$  OF SHAFT CENTER HEIGHT H: 0,-0.5

3. F CLASS INSULATION.



REV	22		7
R	CHOU DWG. NO: AS-071187 02 APR.23.2018	APR.23.2018 DIMENSIONS IN mm	EE APR. 23.2018 3RD ANGLE PROJECTION
	S.C.CHOU APR.23.2018	L.J.I	L.J.LEE APR.23.2018
	DESIGNED S.C.CHOU	CHECKED	APPROVED L.J.LEE APR.

## 3 5&6 Equipment No. (KKS No.) List

Note: "\*". shall be "5" for Unit5 or "6" for Unit6.

Application	Description
FILCOD A	*0MAX21AP001-M01
EHCOF A	EHC OIL PUMP A MOTOR
TICOD A MAINTED	*0MAX21AP001-M01-X01
EUCUF A MAIN 1/B	EHC OIL PUMP A MOTOR MAIN TERMINAL BOX
CAT VITA A GOOTE	*0MAX21AP001-M01-X02
EHCUF A AUA. 1/B	EHC OIL PUMP A MOTOR AUXILIARY TERMINAL BOX
EU/OD D	*0N/AX22AP001-M01
EUCOF B	EHC OIL PUMP B MOTOR
STICODE MAINTA	*0MAX22AP001-M01-X01
ERCOF D MAIN 1/D	EHC OIL PUMP B MOTOR MAIN TERMINAL BOX
EUCOD D AITY T/D	*0MAX22AP001-M01-X02
EUCUL B AUA. I/B	EHC OIL PUMP B MOTOR AUXILIARY TERMINAL BOX

## **Motor Data Sheet**

No.	Description	Unit	Manufacturer's Design Data
1.	Name of Motor	-	EHC OIL PUMP A/B MOTOR
2.	Manufacturer	-	TATUNG
3.	Country of Origin	-	TAIWAN
4.	Type/Machine Code	-	TEFC
5.	Applied Standard (characteristics)	-	IEC 60034
6.	Ratings		
<b>6</b> . (1)	Rated output	kW	55
<b>6</b> . (2)	Service factor	-	1.0
<b>6</b> . (3)	Number of pole	-	6
<b>6</b> . (4)	Rated speed	min <sup>-1</sup>	980
<b>6</b> . (5)	Rated voltage	V	380
<b>6</b> . (6)	Number of phases	-	3
<b>6</b> . (7)	Rated frequency	Hz	50
<b>6</b> . (8)	Insulation class	-	F
<b>6</b> . (9)	Temperature rise	-	В
<b>6.</b> (10)	Rated duty	-	S1
7.	Service Conditions		
<b>7.</b> (1)	Starting method	-	Direct-On-Line
<b>7.</b> (2)	Direction of rotation (viewed from DE ( <u>D</u> rive <u>E</u> nd))	-	CCW
<b>7.</b> (3)	Reverse rotation (Yes / No)	-	YES
<b>7.</b> (4)	Location (Indoor / Outdoor)	-	INDOOR
<b>7</b> . (5)	Enclosure IP rating		
<b>7</b> . (5) (a)	Motor frame	-	IP44
	Terminal boxes	-	IP44
<b>7</b> . (6)	Installation (Horizontal / Vertical)	-	HORIZONTAL
<b>7</b> . (7)	Design ambient temperature	deg C	40
<b>7</b> . (8)	Explosion proof (Yes / No)	-	NO
<b>7</b> . (9)	Noise level (at full-load condition, at 1m from motor frame)	dB(A)	82
<b>7.</b> (10)	Winding resistance	Ω	0.066 (@20°C)
8.	Characteristics		,
<b>8.</b> (1)	Current		
<b>8</b> . (1) (a)	Normal current	Α	109
<b>8.</b> (1) (b)	No-load current	Α	34.9
8. (1) (c)	Starting current	Α	763
<b>8</b> . (2)	Torque		
<b>8</b> . (2) (a)	Starting torque	%	190
<b>8.</b> (2) (b)	Maximum torque	%	210
<b>8</b> . (3)	Slip at rated output	%	2.0
<b>8</b> . (4)	Efficiencies		
<b>8</b> . (4) (a)	At 100% load	%	93.1
<b>8</b> . (4) (b)	At 75% load	%	93.1
<b>8</b> . (4) (c)	At 50% load	%	92.5
<b>8</b> . (4) (d)	At 25% load	%	91.5
<b>8.</b> (5)	Power factor		
<b>8.</b> (5) (a)	At rated load	%	82.0
<b>8.</b> (5) (b)	At starting load	%	22.3
<b>8.</b> (6)	GD <sup>2</sup> coupled with driven equipment	kg-m <sup>2</sup>	6.303
8. (7)	Starting time with driven equipment	sec	1

## **Motor Data Sheet**

	Nia		Description	Llmit	Manufacturer's
	No.		Description	Unit	Design Data
8.	(8)		Consecutive numbers of motor starting		
8.	(8)		From cold condition (consecutive)	-	3
8.	(8)		From hot condition (consecutive)	-	2
8.	(8)		Minimum time between 2 starts (running state)	min	-
8.	(8)	(d)	Minimum time between 2 starts (stop state)	min	-
8.	(9)		Allowable locked-rotor time		
8.	(9)	(a)	At cold condition	sec	12
8.	(9)	(b)	At hot condition	sec	7
9.			Constructions		
9.	(1)		Stator winding connection (Wye / Delta)	-	DELTA
9.	(2)		Type of bearing		
			Bearing of DE ( <u>D</u> rive <u>E</u> nd)	-	BALL
			Bearing of NDE ( <u>N</u> on <u>D</u> rive <u>E</u> nd)	-	BALL
9.	(3)		Lubricants		
9.	(3)	(a)	Recommended lubricant and brand name	_	SHELL GADUS S2 V100
	` '	` '			3
9.	(3)		Pouring method (if applicable)	-	GRAVITY
9.	(3)		Quantity of lubricant for initial filling (if applicable)	g	DE300/NDE100
9.	(3)		Recommended interval for recharging (if applicable)	hr	3120
9.	(3)	(e)	Recharging quantity (if applicable)	g	DE50/NDE30
9.	(3)		Location of pouring (indicated in the outline drawing) (if applicable	-	TOP
9.	(4)		Bearing cooling water requirement (if required)		N/A
9.	(4)		Quantity (if required)	m <sup>3</sup> /h	-
9.	(4)		Inlet water temperature (if required)	deg C	-
9.	(4)		Required cooling water pressure (if required)	kPa	-
9.	(4)	(d)	Type of cooling water (if required)	-	-
9.	(5)		Water to air heat exchanger (if applicable)		N/A
9.	(5)	(a)	Quantity of cooling water (if applicable)	m <sup>3</sup> /h	-
9.	(5)		Inlet water temperature (if applicable)	deg C	-
9.	(5)		Required cooling water pressure (if applicable)	kPa	-
9.	(5)	(d)	Type of cooling water (if applicable)	-	-
9.	(6)		Space heater (AC 220V 1 phase) (if applicable)	W	100
9.	(7)		Weight	kg	540
10.			Related Document Numbers		
10.	(1)		Motor outline drawing	-	AS071187
10.	(2)	, ,	Terminal box drawings		<del></del>
10.			For main power	-	N/A
10.			For instruments	-	N/A
10.	(0)	(c)	For space heater	-	N/A
10.	(3)		Current transformers (for MV motors only)		N/A
10.			Characteristics curves (for MV motors only)	-	-
10.	/ <b>/</b> \		Outline drawing (for MV motors only)	-	- N/A
10.	(4)		Efficiency curves	-	N/A
10.	(5)	(-)	Thermal capability curves		N/A
10.			At cold condition	-	-
10.	(e)		At hot condition	-	- N/A
	(6)		Starting and speed torque characteristics at 80, 90 and 100 % voltage	-	IN/A