

작업공정사진철

고객명: (주)

공사명: SIEMENS VECTOR MOTOR OVERHAUL

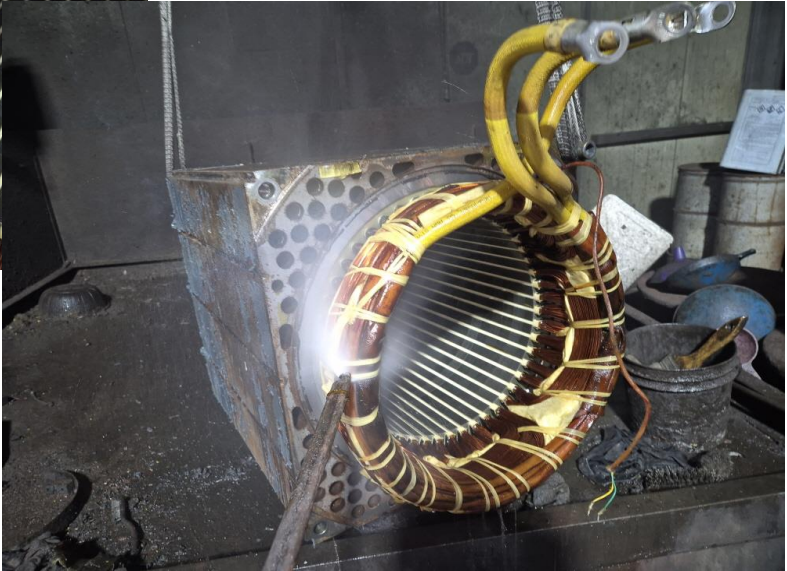
규격: 113~147KW 340~460V 34~46Hz 1000~1360RPM

REPAIR 내역: 분해 조립 및 조립부품 불순물 CLEANSING
INSULATING VARNISH DIPPING DRYING
양측 HOUSING METALLIZING 연마
BEARING 교환
BLOWER BEARING교환
입 출고검사 및 시운전 TEST 및 COLOR PAINTING

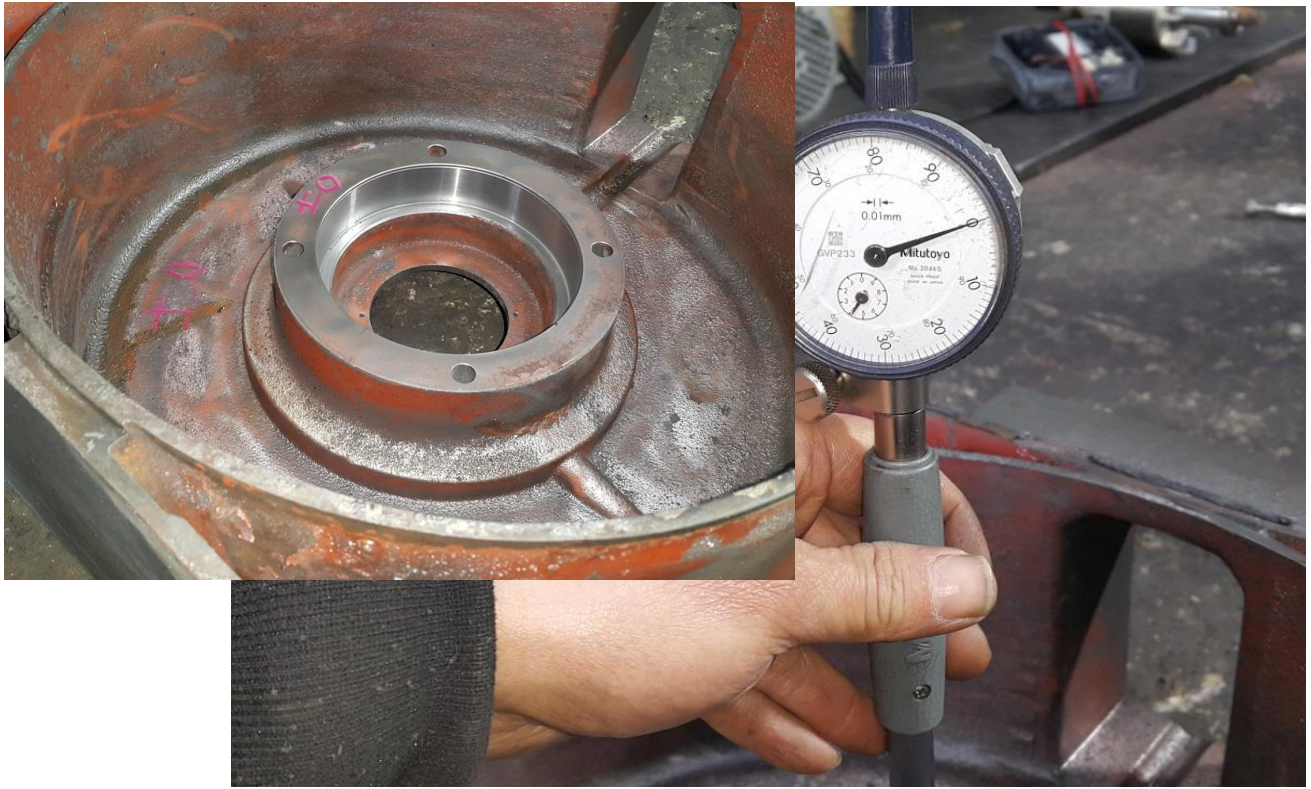


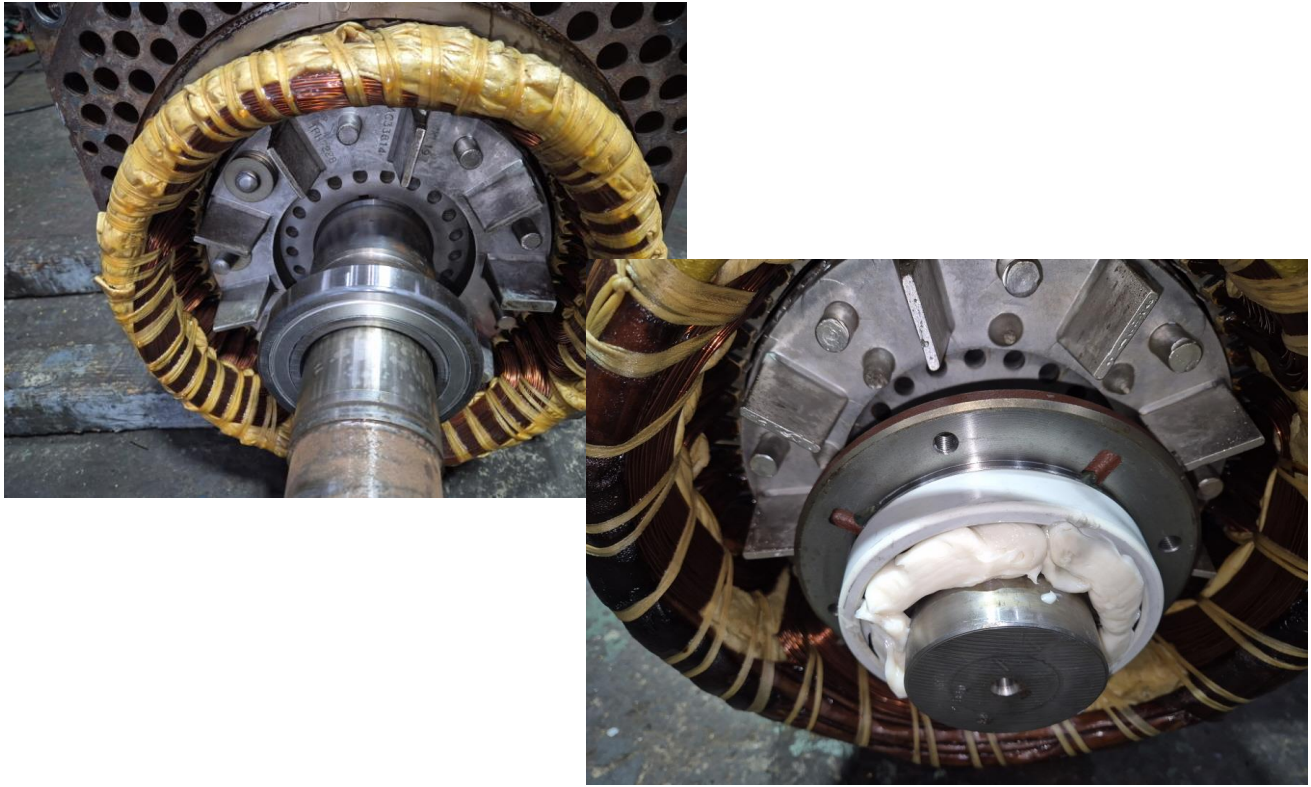
<http://jinyangmotor.com/>



JIN YANG	작업 공정 사진
작업공정	147KW VECTOR MOTOR OVERHAUL
	
	
STATOR 권체	세척 실시
작업공정	147KW VECTOR MOTOR OVERHAUL
	
STATOR 권체	세척건조 실시

JIN YANG	작업 공정 사진
작업공정	147KW VECTOR MOTOR OVERHAUL
	
조립부품	세척 실시
작업공정	147KW VECTOR MOTOR OVERHAUL
	
BRACKET	부하측 HOUSING METALLIZING 연마 후 검사 0/100

JIN YANG	작업 공정 사진
작업공정	147KW VECTOR MOTOR OVERHAUL
	
BRACKET	반 부하측 HOUSING METALLIZING 연마 후 검사 0/100
작업공정	147KW VECTOR MOTOR OVERHAUL
	
소모품	교환될 BEARING

JIN YANG	작업 공정 사진
작업공정	147KW VECTOR MOTOR OVERHAUL
	
ROTOR	BEARING 예열교환 및 GREASE CHARGING 조립실시
작업공정	147KW VECTOR MOTOR OVERHAUL
	
BLOWER	SP-2 부하측 HOUSING 검사 6/100로 불량

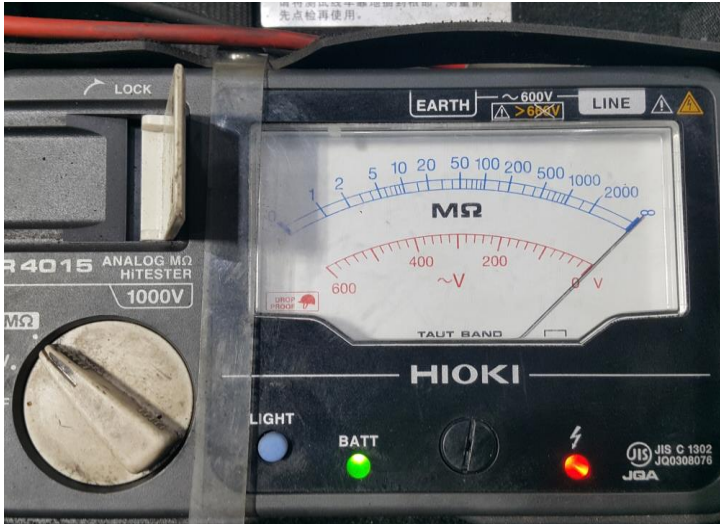
JIN YANG	작업 공정 사진
작업공정	147KW VECTOR MOTOR OVERHAUL



BLOWER	부하측 HOUSING 보수 후 검사 1/100로 보수 됨
작업공정	147KW VECTOR MOTOR OVERHAUL



BLOWER	BEARING교환 조립실시
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JIN YANG	작업 공정 사진
작업공정	147KW VECTOR MOTOR OVERHAUL
	
BLOWER	절연저항 & 각 상별 권선저항 2대 동일
작업공정	147KW VECTOR MOTOR OVERHAUL
	
BLOWER	시운전 TEST 실시 운전 CURRENT 2대 동일

JIN YANG

작업 공정 사진

작업공정

147KW VECTOR MOTOR OVERHAUL



권선검사

절연저항 & 각 상별 권선저항

작업공정

147KW VECTOR MOTOR OVERHAUL



Ass'y

시운전 TEST 실시

시운전 TEST 운전 MONITORING SP-1

STARTER - DONG JU - (Drive unit, 1 VECTOR_03) - Expert list

Project Control panel Edit Target system View Options Window Help

CU_S_126

Infected

A_INF_02

Insert DCC chart

Configuration

Expert list

Control logic

Functions

Communication

Diagnostics

Input/output components

Encoder

Drives

VECTOR_03

Insert DCC chart

Configuration

Expert list

Drive navigator

Control logic

Setpoint channel

Open-loop/closed-loop control

Functions

Messages and monitoring

Commissioning

Control panel

Device trace

Function generator

Measuring function

Automatic controller setting

Stationary/turning measurement

Expert list

Enter search text

hexadecimal

GB Param...

Data Parameter text

1 12 Drive operating display

2 BOP operating display selection, Parameter number

3 BOP operating display mode

4 BOP user-defined list

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시운전 TEST 운전 MONITORING SP-2

STARTER - DONG JU - [Drive_unit_1_A_INF_02 - Expert list]

Project Control panel Edit Target system View Options Window Help

Enter search text

Parameter list

Param...	Parameter text	Online value A_INF_02	Unit	Modifiable to	Access level	Minimum	Maximum
1 12	Infeed operating display	[0] Operation - everyth...					
2 [B]r5[0]	BCP operating display selection, Parameter number	2					
3 p6	BCP operating display mode	[4] p0005					65535
4 p10	Infeed commissioning parameter filter	[0] Ready					
5 [B]r13[0]	BCP user-defined list	0					65535
6 p15	Macro drive object	0					999999
7 r24	CO Line supply frequency, smoothed	60.0	Hz				
8 [B]r25[0]	CO Input voltage smoothed, Voltage at input terminals of power unit from line supply model	383.4	Vrms				
9 r26	CO DC link voltage smoothed	600.0	V				
10 r27	CO Absolute actual current smoothed	6.28	Arms				
11 r28	Modulation depth smoothed	90.3	%				
12 r29	Reactive current actual value smoothed	-2.13	Arms				
13 r30	Active current actual value smoothed	5.61	Arms				
14 r32	CO Active power actual value smoothed	3.97	kW				
15 r35	CO Temperature input	-50.0	°C				
16 r36	CO Power unit overload Ct	0.0	%				
17 [B]r37[0]	CO Power unit temperatures, Inverter, maximum value	20	°C				
18 r38	Power factor smoothed	0.98	pf				
19 p40	Reset energy consumption display	0					
20 [B]r46	COBIO Missing enable sig	0H					
21 [B]r50	COBIO Command data Set CDS effective	0H					
22 r66	CO Line frequency	60.02	Hz				
23 [B]r67[0]	Absolute current value permissible, Motor mode	170.00	Arms				
24 r69	CO Absolute current actual value	3.02	Arms				
25 [B]r69[0]	Phase current actual value, Phase U	-3.39	A				
26 r70	CO Actual DC link voltage	600.40	V				
27 [B]r72[0]	CO Input voltage, Voltage at input terminals of power unit from line supply model	387.2	Vrms				
28 r74	CO Modulat_depth	91.18	%				
29 r75	CO Reactive current setpoint	-2.01	Arms				

Drive_unit_1 - VECTOR_03

Give up control priority

Enables

CO: 0

DOS: 0

n setpoint specification

n = 1000 rpm

0% n x 200 % = 200%

2000.00 rpm

Help

Enables available

Diagnostics

OFF1 enable

OFF2 enable

OFF3 enable

Enable operation

Ramp-function pen enable

Ramp-function generator start

Setpoint enable

Control panel

Output window

Target system output

Load to FFS output

Diagnostics overview

Control priority [Drive control panel] - stop with spacebar

Realtek USB GbE Family Controller TCP Online mode

오전 9:33

2025-03-06

5°C 대체로 흐림

Motor current: 97.24 Arms

Torque utilization: 1.2 %

CO: Output voltage smoothed

CO: Output voltage smoothed

322.1 Vrms

Output frequency smoothed

33.3 Hz

Speed: 1000.0 rpm

Torque: 11.85 Nm

14.56 Nm