

**주단가공공장 HL(L102)SERVO MOTOR 1FT6132 2대



점검작업



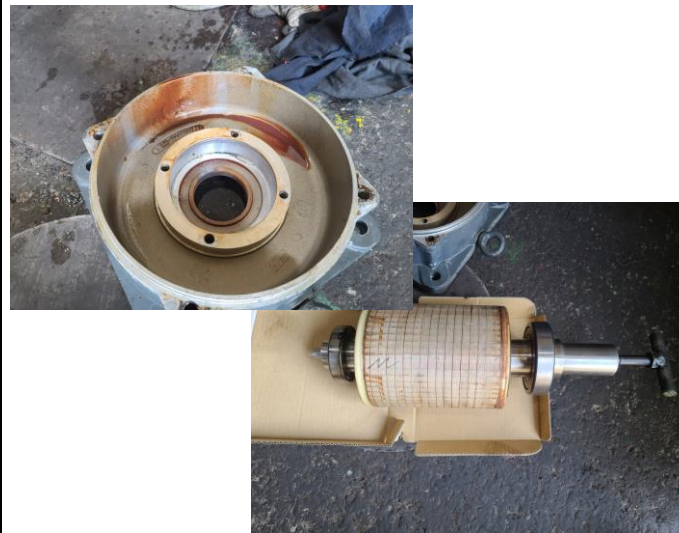
외부 기름띠 세척실시



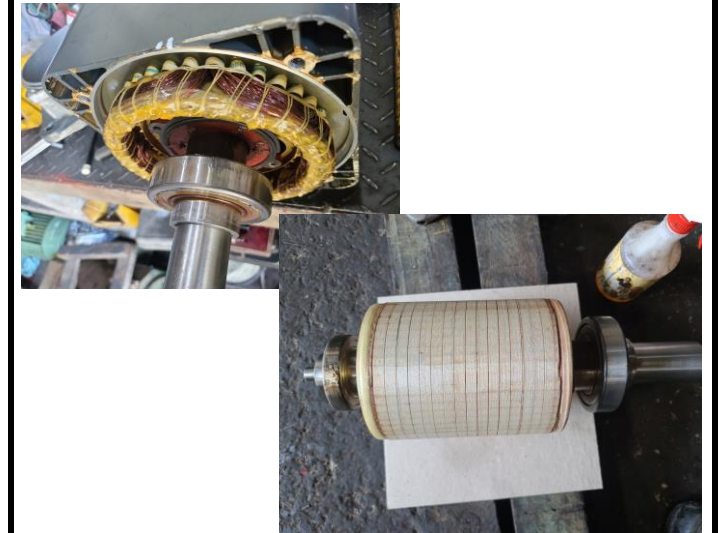
세척 후 분해실시



Z축 분해실시 OIL 유입



분해 실시



Z축 분해실시 OIL 유입없어 양호

****주단가공공장 HL(L102)SERVO MOTOR 1FT6132 2대**



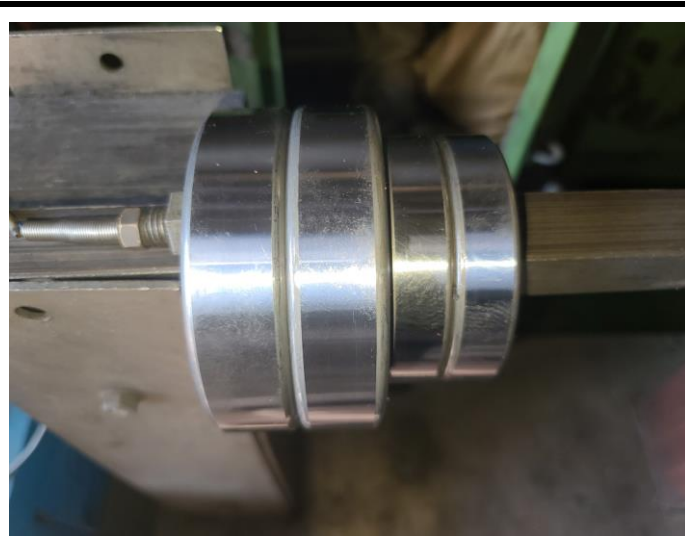
권선 세척 실시



조립부품 세척 실시



교환될 BEARING



BEARING에 열후 삽입조립 실시



X축 절연저항 및 각 상별 권선저항 동일



Z축 절연저항 및 각 상별 권선저항 동일

X축 시운전 TEST 운전 MONITORING

STARTER - DONG JU - [Drive_unit_1.SERVO_03 - Expert list]

Project Control panel Edit Target system View Options Window Help



- > Communication
- >> Diagnostics
- Input/output components
- Encoder
- Drives
 - SERVO_03
 - Insert DCC chart
 - Configuration
 - Expert list
 - Drive navigator
 - Control logic
 - 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

| Param... | Data | Parameter text | Online value SERVO_03 | Unit | Modifiable to | Access level | Minimum | Maximum |
|----------|------|---|------------------------------|------|-----------------|--------------|---------|---------|
| All | All | | | All | All | All | All | All |
| 1 r2 | | Drive operating display | [0] Operation - everythin... | | | 1 | | |
| 2 p5[0] | | BOP operating display selection, Parameter number | 2 | | Operation | 2 | 0 | 65535 |
| 3 p6 | | BOP operating display mode | [4] p0005 | | Operation | 3 | | |
| 4 p10 | | Drive commissioning parameter filter | [0] Ready | | Ready to run | 1 | | |
| 5 p13[0] | | BOP user-defined list | 0 | | Operation | 3 | 0 | 65535 |
| 6 p15 | | Macro drive object | 0 | | Commissionin... | 1 | 0 | 999999 |
| 7 r20 | | Speed setpoint smoothed | 1970.0 | rpm | | 2 | | |
| 8 r21 | | CO: Actual speed smoothed | 1970.0 | rpm | | 2 | | |
| 9 r22 | | Speed actual value rpm smoothed | 1970.0 | rpm | | 2 | | |
| 10 r24 | | Output frequency smoothed | 98.5 | Hz | | 3 | | |
| 11 r25 | | CO: Output voltage smoothed | 215.6 | Vrms | | 2 | | |
| 12 r26 | | CO: DC link voltage smoothed | 601.3 | V | | 2 | | |
| 13 r27 | | CO: Absolute actual current smoothed | 0.76 | Arms | | 2 | | |
| 14 r28 | | Modulation depth smoothed | 50.8 | % | | 3 | | |
| 15 r29 | | Current actual value field-generating smoothed | 0.05 | Arms | | 3 | | |
| 16 r30 | | Current actual value torque-generating smoothed | 0.56 | Arms | | 3 | | |
| 17 r31 | | Actual torque smoothed | 0.98 | Nm | | 2 | | |
| 18 r32 | | CO: Active power actual value smoothed | 0.19 | kW | | 2 | | |

Project SERVO_03 A_INF_02

Drive_unit_1 - SERVO_03 Help

Give up control priority 1 0

Enables CDS: 0 DDS: 0

n setpoint specification n = 1000 rpm

0% n x 197 % = 200%
1970.00 rpm

● Enables available **[0] Operation - everything enabled**

Diagnostics

- OFF1 enable
- OFF2 enable
- OFF3 enable
- Enable operation
- Ramp-function gen. enable
- Ramp-function generator start

| | Specified | Actual |
|---------|-----------|------------|
| Speed: | 1970.0 | 1970.0 rpm |
| Torque: | 0.94 | 1.02 Nm |

Output frequency smoothed: 98.5 Hz

CO: Output voltage smoothed: 216.2 Vrms

Alarms Control panel Target system output Load to PG output Compile/check output Diagnostics overview

Press F1 to open Help display. Control priority [Drive control panel] - stop with spacebar Realtek USB GbE Family Controller.TCP Online mode NUM

Z축 시운전 TEST 운전 MONITORING

STARTER - DONG JU - [Drive_unit_1.SERVO_03 - Expert list]

Project Control panel Edit Target system View Options Window Help



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Expert list

Enter search text

hexadecimal

| | Param... | Data | Parameter text | Online value SERVO_03 | Unit | Modifiable to | Access level | Minimum | Maximum |
|----|----------|------|---|------------------------------|------|-----------------|--------------|---------|---------|
| 1 | r2 | | Drive operating display | [0] Operation - everythin... | | | 1 | | |
| 2 | p5[0] | | BOP operating display selection, Parameter number | 2 | | Operation | 2 | 0 | 65535 |
| 3 | p6 | | BOP operating display mode | [4] p0005 | | Operation | 3 | | |
| 4 | p10 | | Drive commissioning parameter filter | [0] Ready | | Ready to run | 1 | | |
| 5 | p13[0] | | BOP user-defined list | 0 | | Operation | 3 | 0 | 65535 |
| 6 | p15 | | Macro drive object | 0 | | Commissionin... | 1 | 0 | 999999 |
| 7 | r20 | | Speed setpoint smoothed | 1030.0 | rpm | | 2 | | |
| 8 | r21 | | CO: Actual speed smoothed | 1030.0 | rpm | | 2 | | |
| 9 | r22 | | Speed actual value rpm smoothed | 1030.0 | rpm | | 2 | | |
| 10 | r24 | | Output frequency smoothed | 51.5 | Hz | | 3 | | |
| 11 | r25 | | CO: Output voltage smoothed | 115.9 | Vrms | | 2 | | |
| 12 | r26 | | CO: DC link voltage smoothed | 601.3 | V | | 2 | | |
| 13 | r27 | | CO: Absolute actual current smoothed | 0.52 | Arms | | 2 | | |
| 14 | r28 | | Modulation depth smoothed | 26.6 | % | | 3 | | |
| 15 | r29 | | Current actual value field-generating smoothed | 0.05 | Arms | | 3 | | |
| 16 | r30 | | Current actual value torque-generating smoothed | 0.54 | Arms | | 3 | | |
| 17 | r31 | | Actual torque smoothed | 0.78 | Nm | | 2 | | |
| 18 | r32 | | CO: Active power actual value smoothed | 0.10 | kW | | 2 | | |

Project SERVO_03 A_INF_02

Drive_unit_1 - SERVO_03

Give up control priority

Enables available

Diagnosics

OFF1 enable

OFF2 enable

OFF3 enable

Enable operation

Ramp-function gen. enable

Ramp-function generator start

Alarms Control panel Target system output Load to PG output Compile/check output Diagnostics overview

n setpoint specification

n = 1000 rpm

0% n x 103 % = 200%

1030.00 rpm

[0] Operation - everything enabled

Speed: Specified 1030.0 Actual 1030.1 rpm

Torque: Specified 0.83 Actual 0.68 Nm

Output frequency smoothed: 51.5 Hz

CO: Output voltage smoothed: 114.0 Vrms

Press F1 to open Help display. Control priority [Drive control panel] - stop with spacebar Realtek USB GbE Family Controller.TCP Online mode NUM

