



***Terminal Marking arrangement**
Direction of rotation (View from motor drive end.)

| | |
|------------------------------------|------------------------------------|
| C-W | C-C-W |
| MOTOR LEAD U1 V1 W1 L1 L2 L3 | MOTOR LEAD U1 V1 W1 L1 L2 L3 |
| SYSTEM VOLTAGE | SYSTEM VOLTAGE |

| TYPE | OUTPUT | POLE | VOLT. | FREQ. | PROT. | BEARING NO. | | MOUNT'G | WEIGHT |
|-------------|--------|------|--------|-------|-------|-------------|---------|---------|---------|
| | | | | | | D.E | N-D.E | | |
| HLE 402-48V | 560 kW | 4 P | 3000 V | 50 Hz | IP 55 | 6226C3 | 7226BDT | V1 | 3980 kg |

TECHNICAL INFORMATION

1) BEARING & LUBRICANT LIST

| BEARING | Drive End | Non-Drive End |
|-------------------------|------------------------------------|-------------------------------------|
| Bearing Type | 6226C3 | 7226BDT |
| Lubricant Type | GREASE | GREASE |
| Grease Type | SHELL(GADUS S2 V100 2) | SHELL(GADUS S2 V100 2) |
| Initial Charge Quantity | 203 g | 406 g |
| Mark-Up Interval | Quantity 61 g Interval 4 months | Quantity 122 g Interval 4 months |

***SELF CONTAINED AUTOMATIC LUBRICATOR**

| Grease Cup | Drive End | Non-Drive End |
|------------------|--------------------|--------------------|
| RE-FILL Interval | 250 g 12 MONTHS | 450 g 12 MONTHS |

2) CONTROL SETTING(Included Ambient Temp.)

| | |
|----------------------------------|-------|
| Winding(W.T.T.D) Bearing (B.T.D) | |
| Alarm | 130°C |
| Trip | 100°C |

- NOTE**
- The Non-drive END SIDE is insulated to prevent damage from shaft current.
 - Terminal Stud for Cables (incl. Power Cable) will be supplied by vendor.
 - Refer to TUB56-L1-OFF-C-LCB-M-SPC-3820 (to be issued later) for paint specification.
- 3) WINDING TEMPERATURE DETECTOR
A) Number and Type : 2ea/Phase, Pt 100ohm at 0°C, Single type,Class A
4) BEARING TEMPERATURE DETECTOR
A) Number and Type : 1ea/Bearing, Thermocouple "E", Single type,Class 1
5) SPACE HEATER : 1Phase, 220V, 200W
6) VMS (50L0B10C001/002 in case of CEP A for Plant unit 5) will be supplied by purchaser.

THREE PHASE INDUCTION CAGE ROTOR MOTOR (TEFC)

| QTY | DESCRIPTION | MATERIAL | DIMENSION | WEIGHT | PART NO. | REMARK | NO. |
|-------------------------|-------------|------------------|-----------|-------------|----------|--------|------------|
| APPD BY J.P.KIM | UNIT | mm | SUBJECT | HLE 402-48V | | | DWG SIZE |
| CHKD BY S.J.PARK | SCALE | 1/18 | TITLE | | | | A3 (1:1) |
| CHCK BY J.Y.KIM | PROJECN | 314W (3rd Angle) | | | | | |
| DSND BY J.Y.KIM | DATE | 2017-12-02 | | | | | |
| HYUNDAI ELECTRIC | | | | | | | |
| REF. NO | DWG NO | HM-097150 | Sheet No. | of | | | |
| | | | | | | | |

OUTLINE

| | | | |
|-----|------|----------|--------------------------|
| REV | DATE | CONTENTS | REV'D BY/CHKD BY/APPD BY |
| | | | |
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