



**TECHNICAL INFORMATION**

1) BEARING & LUBRICANT LIST

BEARING	Drive End	Non-Drive End
Bearing Type	6324C3	6322C3
Lubricant Type	GREASE	GREASE
Grease Type	Shell(Gadus S2 V100 2)	Shell(Gadus S2 V100 2)
Initial Charge Quantity	434 g	334 g
Mark-Up	Quantity	130 g
	Interval	6 MONTHS

**THREE PHASE INDUCTION CAGE ROTOR MOTOR (TEFC)**

TYPE	FRAME NO.	OUTPUT	POLES	VOLT.	FREQ.	MOUNTING	TOTAL WEIGHT	BEARING NO.	
								D.E	N-D.E
HNE4 350-80E	355	250 HP	8 P	460 V	60 Hz	B3	2730 kg	6324C3	6322C3

2) CONTROL SETTING(Included Ambient Temp.):

	Winding(W.T.D)	Bearing(B.T.D)
Alarm	130 °C	100 °C
Trip	135 °C	105 °C

3) WINDING TEMPERATURE DETECTOR

A) Number and Type : 1EA/Phase, Pt 100 ohm at 0°C, Dual Type

4) BEARING TEMPERATURE INDICATOR

A) Number and Type : 1EA/Bearing, Pt 100 ohm at 0°C, Single Type

5) SPACE HEATER : 1Phase, 120V, 160W

**NOTE**

- 1) THE BOTH SIDES ARE INSULATED (DE SIDE BEARING IS SHORT-CIRCUITED WITH A EARTHING LUG) TO PREVENT BEARING DAMAGE FROM SHAFT CURRENT.
- 2) THIS MOTOR CANNOT WITHSTAND AXIAL THRUST LOAD COMING FROM THE DRIVE SIDE.

Q'TY	DESCRIPTION	MATERIAL	DIMENSION	WEIGHT	PART NO.	REMARK	NO.
APPD BY	Y.S.JOO	UNIT	mm	SUBJECT		DWG SIZE	
CHKD BY	Y.G.KWON	SCALE	1/15	TITLE		A3 (1:15)	
CHKD BY		PROJEC'N	3각법(3rd Angle)	<b>OUTLINE DIMENSION</b>			
DSND BY	T.H.HAN	DATE	2014-10-30				
REF. NO						Sheet No.	of
DWG NO	HM-092948					Revision No.	2

REV	DATE	CONTENTS	REVD BY	CHKD BY	CHKD BY	APPD BY
2	2015.01.30	Removed Drive end Drawing	T.H.HAN		J.B.KIM	H.C.KIM
1	2014.12.04	Revision of Mark 1	T.H.HAN	H.K.LEE	Y.G.KWON	Y.S.JOO

