

<b>HYUNDAI</b>		3 PHASE INDUCTION MOTOR	
560 kW	4 P	3000 V	130.4 A
50 Hz	SQUIRREL CAGE		
FRAME SIZE	400	ROTOR TYPE	S1
TYPE	HLE6 402-48V	DUTY TYPE	S1
PROTECTION DEGREE	IP 55	SERVICE FACTOR	1.0
SPEED AT FULL LOAD	1487 r.p.m	INSULATION CLASS	F
AMBIENT TEMP.	40 °C	TEMPERATURE RISE	80 °C
EFFICIENCY	95.0 %	POWER FACTOR	0.87
BEARING(D,E)	6226C3	BEARING(N-D,E)	7226BDT
SPACE HEATER	1 φ	220 V	200 W
WEIGHT	3980 kg	CODE LETTER	F
SERIAL NO.		MANUFACT'G DATE	
KKS CODE			
MADE IN KOREA			4M-077056

20172817RMH928001	50LCB10AP010M01
20172817RMH928002	50LCB20AP010M01
20172817RMH928003	50LCB30AP010M01
20172817RMH929001	60LCB10AP010M01
20172817RMH929002	60LCB20AP010M01
20172817RMH929003	60LCB30AP010M01

ITEM NO. PLATE

50LCB10AP010M01

**CAUTION**  
THIS EQUIPMENT MUST BE PROPERLY GROUNDED BEFORE USE.

**CAUTION**  
1. REMOVE SHAFT LOCKING DEVICE BEFORE OPERATION  
2. SHAFT LOCKING DEVICE SHOULD BE INSTALLED DURING TRANSPORTATION

**CAUTION**

**Relation between terminal markings and direction of rotation**  
Application ref: IEC / NEMA MG-1

- Direction of rotation ( View from motor drive end.)
- The terminal marking is arranged that clockwise rotation is obtained when the alphabetical sequence of the letters (e.g., U1, V1, W1 ) corresponds to the time sequence of the system phase voltages.
- For counter clockwise rotation, the time sequence of the system phase voltages shall be reversed by rearrangement of the supply cables, ( e.g. L2 and L3)
- The motor is designed to be operated in arrow direction which is indicated on motor.

**Terminal Marking arrangement**

<b>C-W</b>	MOTOR LEAD	U1	V1	W1
		→	→	→
		L1	L2	L3
		→	→	→

SYSTEM VOLTAGE

<b>C-C-W</b>	MOTOR LEAD	U1	V1	W1
		→	→	→
		L1	L3	L2
		→	→	→

SYSTEM VOLTAGE

4M-082738-T04

**HEATER T/BOX**

**WARNING**

THE SPACE HEATER SHOULD BE SWITCHED ON WHEN THE MACHINE HAS COME TO A STANDSTILL OR STORAGE FOR A LONG TIME AND TURN OFF POWER BEFORE WORKING ON MACHINE.  
"CIRCUIT MAY BE LIVE"

3M-163024-H01

**WARNING**

TO PREVENT THE SHAFT CURRENT, INSULATION END SHIELD IS PROVIDED. SO, WHEN REPLACING OR MAINTAINING END SHIELD, INSULATION END SHIELD SHOULD BE REPLACED.  
INSULATION END SHIELD TYPE  
D/E SIDE: NOT INSULATED / N-DE SIDE: INSULATED

**CAUTION**

END SHIELD MUST BE KEPT INSULATED!

3M-163025-H04

**MAIN TERMINAL BOX**

**DANGER**

**HIGH VOLTAGE**  
POWER SOURCE MUST BE DISCONNECTED BEFORE WORKING ON EQUIPMENT. FAILURE TO DISCONNECT POWER SOURCE COULD RESULT IN INJURY OR DEATH.  
TERMINAL BOX ONLY TO BE OPENED BY SKILLED PERSONNEL

3M-163022-H01

**WARNING**

THIS MOTOR WITH UNI-DIRECTION FAN IS DESIGNED TO BE OPERATED IN ARROW-DIRECTION. NEVER USE IN THE OPPOSITE DIRECTION. OTHERWISE THIS MOTOR MAY BE BURNED OUT.

3M-163023-H01

QTY	DESCRIPTION	MATERIAL	DIMENSION	WEIGHT	PART NO.	REMARK	NO.
APPD BY	J.P.KIM	UNIT	mm	SUBJECT		DWG SIZE	
CHKD BY	S.J.PARK	SCALE	1/5	TITLE		A1 (1:1.2)	
CHKD BY	J.Y.KIM	PROJECN	3rd Angle		NAME PLATE		
DSND BY	J.Y.KIM	DATE	2017-12-02	REF. NO		Sheet No.	of
				DWG NO	4M-077056	Revision No.	d

REV	DATE	CONTENTS	REV BY	CHKD BY	APPD BY