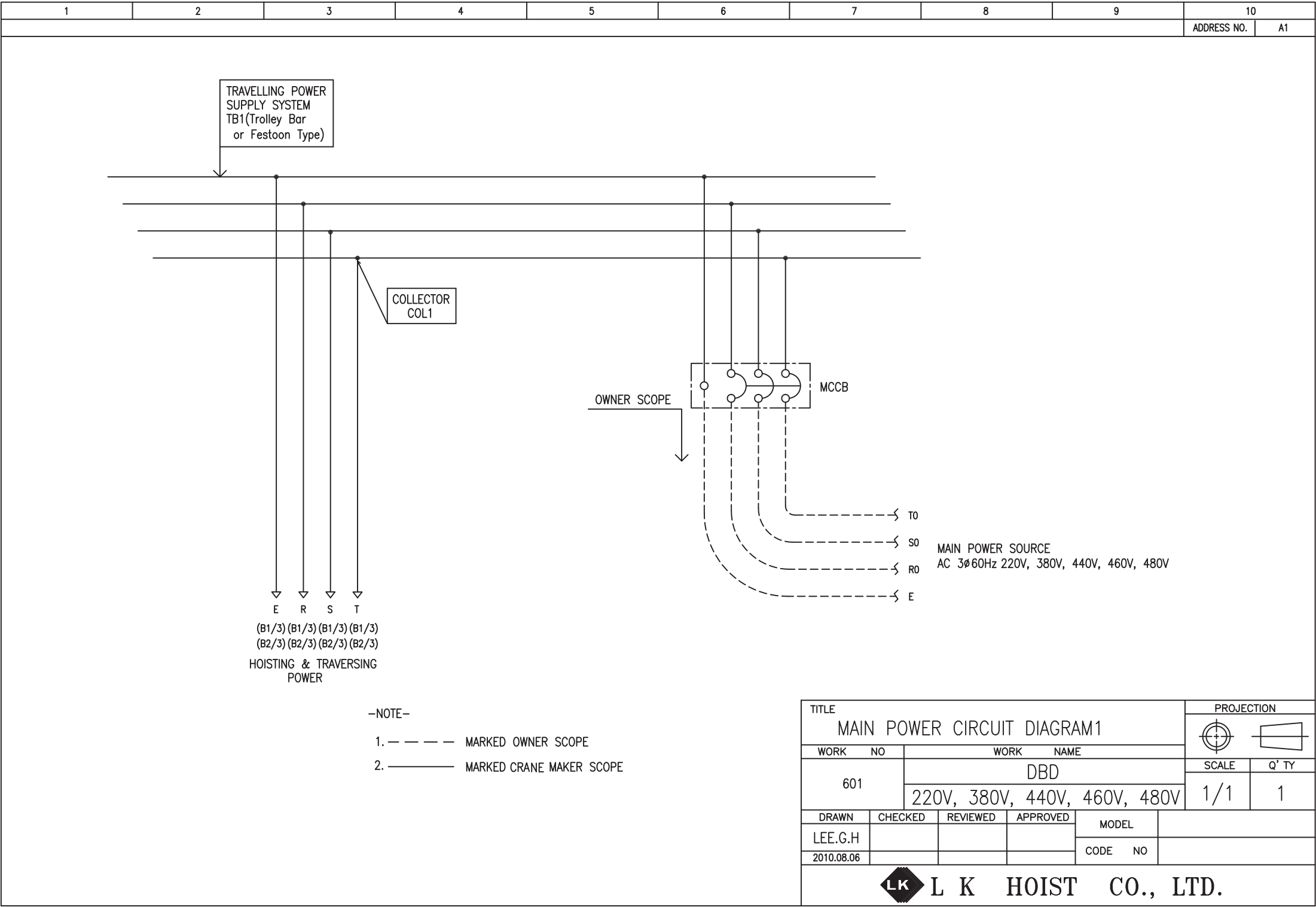
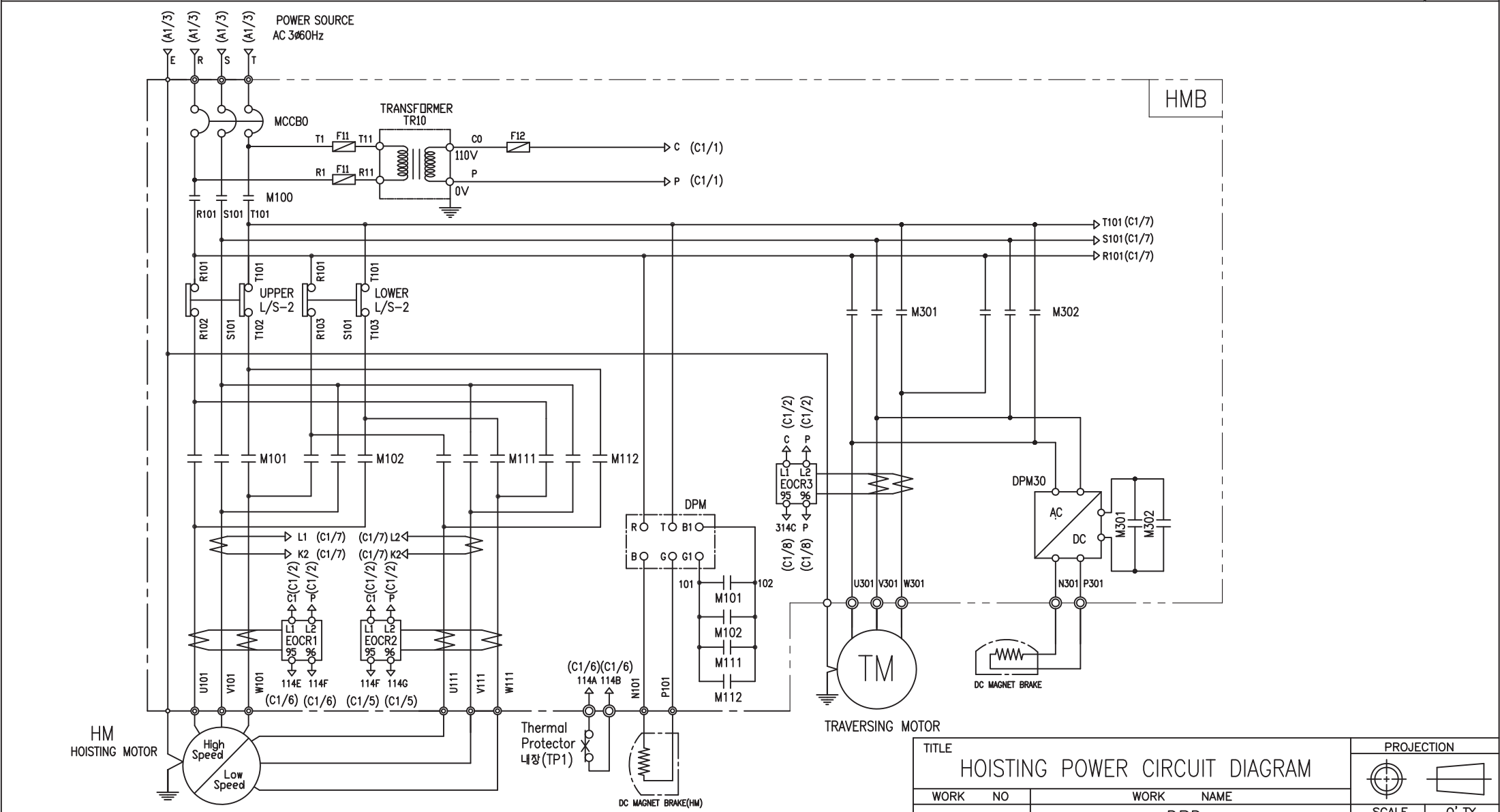






SPECIFICATION	NO FUSE BREAKER		MAGNET CONTACTOR			TRANSFORMER	SILICON RECTIFIER				과전류계전기		FUSE		HOISTING MOTOR	TRAVERSING MOTOR
SYMBOLS	MCCB0		M100	M101,M102 M111, M112	M301,M302	TR10	DPM, DPM30				EOCR1 EOCR2	EOCR3	F11	F12	HM	TM
DESCRIPTION	220V	40A	DMC22	DMC32	DMC12	60 VA	AC220V	AC440V	AC460V	AC480V	SS-30	SS-06	1A	2A	4.4Kw x 2P / 2.2Kw x 6P	0.75Kw * 4P 0.5Kw * 6P
	440V	30A					DC99V	DC198V	DC207V	DC216V						
	460V	30A														
	480V	30A														
MAKER	LS		DONGA			YOUNG DONG	LK				SAMWHA		—		LK	LK

TITLE

HOISTING POWER CIRCUIT DIAGRAM

WORK NO

602

WORK NAME

DBD

220V, 440V, 460V, 480V

PROJECTION

SCALE

Q' TY

DRAWN

LEE.G.H

CHECKED

REVIEWED

APPROVED

MODEL

CODE NO

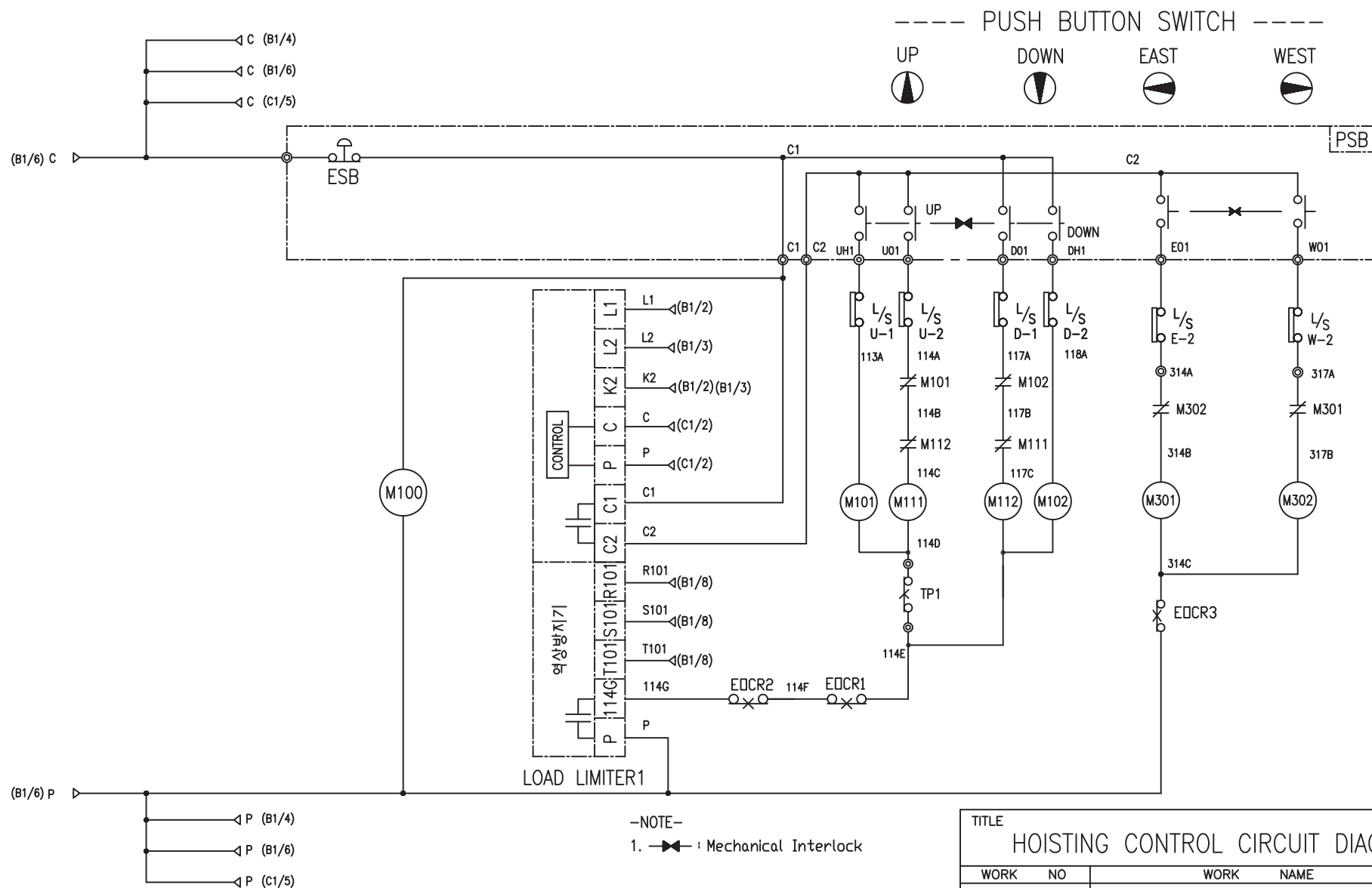
2010.08.06

CODE_NO

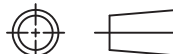
LK

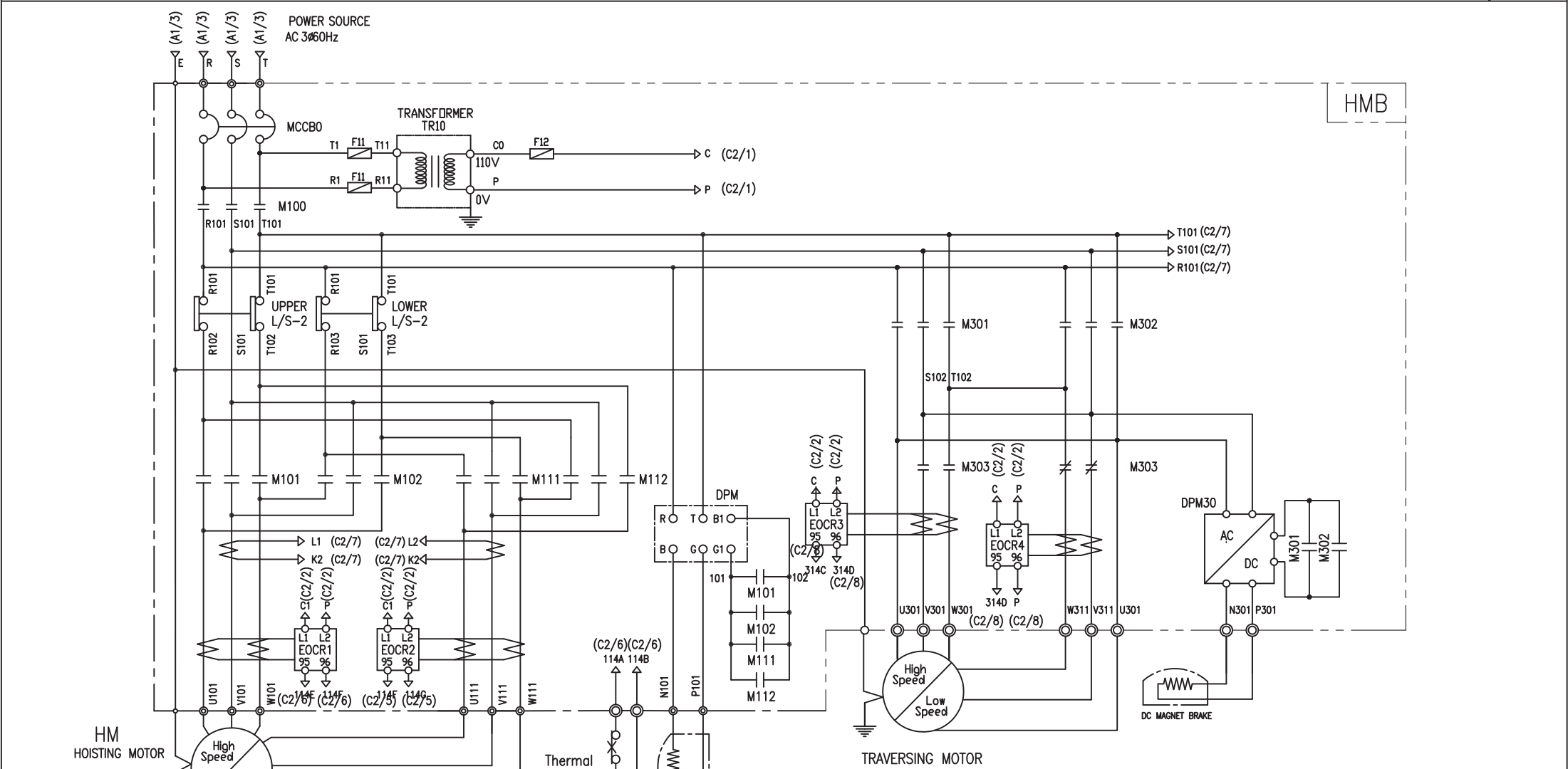
L K HOIST CO., LTD.

1	2	3	4	5	6	7	8	9	10
									ADDRESS NO.
									C1

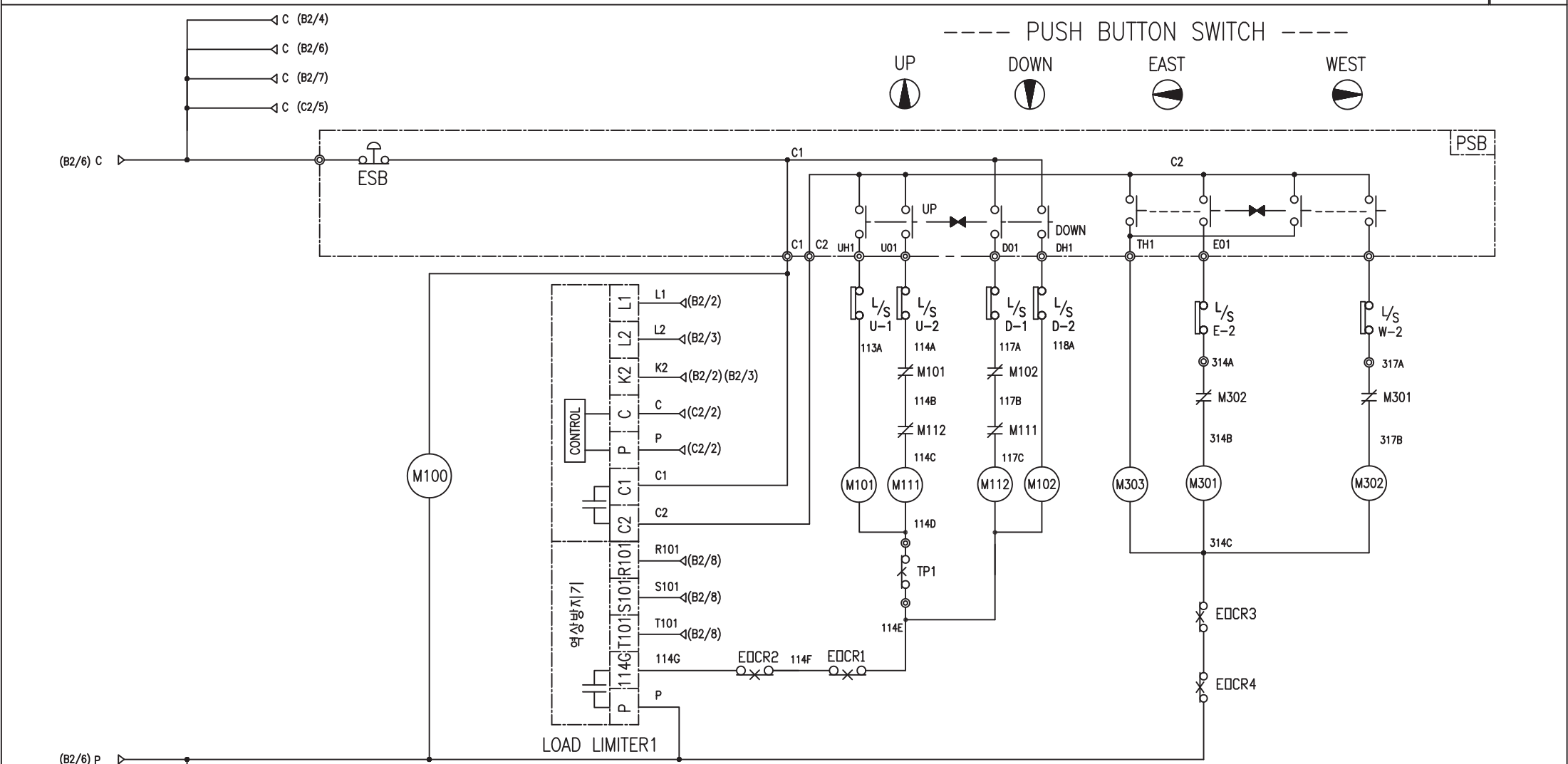


SPECIFICATION	LOAD LIMITER
SYMBOLS	LKDL601
DESCRIPTION	1A – 50A
MAKER	LK

TITLE					PROJECTION	
HOISTING CONTROL CIRCUIT DIAGRAM						
WORK	NO	WORK NAME				
604		DBD			SCALE	Q' TY
		220V, 380V, 440V, 460V, 480V				
DRAWN	CHECKED	REVIEWED	APPROVED	MODEL		
LEE.G.H				CODE NO	CODE_NO	
2010.08.06						
 L K HOIST CO., LTD.						



SPECIFICATION										TITLE				PROJECTION	
NO FUSE BREAKER										HOISTING POWER CIRCUIT DIAGRAM				SCALE	
MAGNET CONTACTOR										DBD				Q' TY	
TRANSFORMER										220V, 380V, 440V, 460V, 480V					
SILICON RECTIFIER										DRAWN				MODEL	
과전류계전기										CHECKED				CODE NO	
FUSE										REVIEWED				CODE_NO	
HOISTING MOTOR										APPROVED					
TRAVERSING MOTOR										LEE.G.H					
220V 40A										2010.08.06					
380V 30A															
440V 30A															
460V 30A															
480V 30A															
MAKER										L K HOIST CO., LTD.					
LS															
DONGA															
YOUNG DONG															
LK															
SAMWHA															
-															
LK															
LK															



SPECIFICATION FOR ELECTRIC MOTORS	INTERNAL IDENTIFICATION NO.	PAGE : REV :
SCHEDULE OF TECHNICAL DATA		
1. SERVICE	HOISTING	
2. MANUFACTURE	LK HOIST CO. LTD	
3. MOTOR MODEL NO	4.4/2.2 - 2/6 - 44	
4. RATED POWER	4.4/2.2 KW × 2/6 P	
5. RATED VOLTAGE AND FREQUENCY	440 V 60HZ	
6. MOTOR TYPE	SQUIRREL CAGE ROTOR TYPE	
7. RATING	30 MIN	
8. LOCATION	OUTDOOR	
9. INSULATION CLASS	B	
10. DESIGN TEMPERATURE RISE (BY RESISTANCE)	80℃	
11. FULL LOAD SPEED	3440/1140 RPM	
12. FULL LOAD CURRENT	11.2/5.6 A	
13. STARTING CURRENT AT RATED VOLTAGE	54.9/28.6 A	
14. MINIMUM STARTING VOLTAGE	396 V	
15. EFFICIENCY AT 100% RATED LOAD	73/73 %	
16. POWER FACTOR AT 100% RATED LOAD	71/71 %	
17. STARTING TORQUE	243 %	
18. TYPE OF ENCLOSURE	전폐형	
19. TYPE OF BEARING	PL : 6205DD OPL : 6008ZZ	
20. MOUNTING	VERTICAL	
21. MAXIMUM AMBIENT TEMPURE	40℃	
22. BEARING LUBRICATION	GREASE	
23. STARTING METHOD	FULL VOLTAGE	

SPECIFICATION FOR ELECTRIC MOTORS	INTERNAL IDENTIFICATION NO.	PAGE : REV :
SCHEDULE OF TECHNICAL DATA		
1. SERVICE	TRAVERSING	
2. MANUFACTURE	LK HOIST CO. LTD	
3. MOTOR MODEL NO	0.75 - 4 - 44	
4. RATED POWER	0.75 KW × 4 P	
5. RATED VOLTAGE AND FREQUENCY	440 V 60HZ	
6. MOTOR TYPE	SQUIRREL CAGE ROTOR TYPE	
7. RATING	15 MIN	
8. LOCATION	OUTDOOR	
9. INSULATION CLASS	B	
10. DESIGN TEMPERATURE RISE (BY RESISTANCE)	100℃	
11. FULL LOAD SPEED	1710 RPM	
12. FULL LOAD CURRENT	2.4 A	
13. STARTING CURRENT AT RATED VOLTAGE	13.2 A	
14. MINIMUM STARTING VOLTAGE	396 V	
15. EFFICIENCY AT 100% RATED LOAD	65 %	
16. POWER FACTOR AT 100% RATED LOAD	63 %	
17. STARTING TORQUE	249 %	
18. TYPE OF ENCLOSURE	전폐형	
19. TYPE OF BEARING	PL : 6008DD OPL : 6207ZZ	
20. MOUNTING	VERTICAL	
21. MAXIMUM AMBIENT TEMPURE	40℃	
22. BEARING LUBRICATION	GREASE	
23. STARTING METHOD	FULL VOLTAGE	

SPECIFICATION FOR ELECTRIC MOTORS	INTERNAL IDENTIFICATION NO.	PAGE : REV :
SCHEDULE OF TECHNICAL DATA		
1. SERVICE	TRAVERSING	
2. MANUFACTURE	LK HOIST CO. LTD	
3. MOTOR MODEL NO	0.5 - 6 - 44	
4. RATED POWER	0.5 KW × 6 P	
5. RATED VOLTAGE AND FREQUENCY	440 V	60HZ
6. ROTOR TYPE	SQUIRREL CAGE ROTOR TYPE	
7. RATING	15 MIN	
8. LOCATION	OUTDOOR	
9. INSULATION CLASS	B	
10. DESIGN TEMPERATURE RISE (BY RESISTANCE)	100℃	
11. FULL LOAD SPEED	1140 RPM	
12. FULL LOAD CURRENT	1.6 A	
13. STARTING CURRENT AT RATED VOLTAGE	8.8 A	
14. MINIMUM STARTING VOLTAGE	396 V	
15. EFFICIENCY AT 100% RATED LOAD	65 %	
16. POWER FACTOR AT 100% RATED LOAD	63 %	
17. STARTING TORQUE	250 %	
18. TYPE OF ENCLOSURE	전폐형	
19. TYPE OF BEARING	PL : 6008DD OPL : 6207ZZ	
20. MOUNTING	VERTICAL	
21. MAXIMUM AMBIENT TEMPERATURE	40℃	
22. BEARING LUBRICATION	GREASE	
23. STARTING METHOD	FULL VOLTAGE	

SPECIFICATION FOR ELECTRIC MOTORS	INTERNAL IDENTIFICATION NO.	PAGE : REV :
SCHEDULE OF TECHNICAL DATA		
1. SERVICE	TRAVERSING	
2. MANUFACTURE	LK HOIST CO. LTD	
3. MOTOR MODEL NO	0.75/0.25 - 4/12 - 44	
4. RATED POWER	0.75/0.25 KW × 4/12 P	
5. RATED VOLTAGE AND FREQUENCY	440 V	60HZ
6. MOTOR TYPE	SQUIRREL CAGE ROTOR TYPE	
7. RATING	15 MIN	
8. LOCATION	OUTDOOR	
9. INSULATION CLASS	B	
10. DESIGN TEMPERATURE RISE (BY RESISTANCE)	100℃	
11. FULL LOAD SPEED	1710 / 550 RPM	
12. FULL LOAD CURRENT	2.4 / 1.5 A	
13. STARTING CURRENT AT RATED VOLTAGE	13.2 / 8.25 A	
14. MINIMUM STARTING VOLTAGE	396 V	
15. EFFICIENCY AT 100% RATED LOAD	65 / 48 %	
16. POWER FACTOR AT 100% RATED LOAD	63 / 46 %	
17. STARTING TORQUE	250 / 243 %	
18. TYPE OF ENCLOSURE	전폐형	
19. TYPE OF BEARING	PL : 6008DD OPL : 6207ZZ	
20. MOUNTING	VERTICAL	
21. MAXIMUM AMBIENT TEMPURE	40℃	
22. BEARING LUBRICATION	GREASE	
23. STARTING METHOD	FULL VOLTAGE	