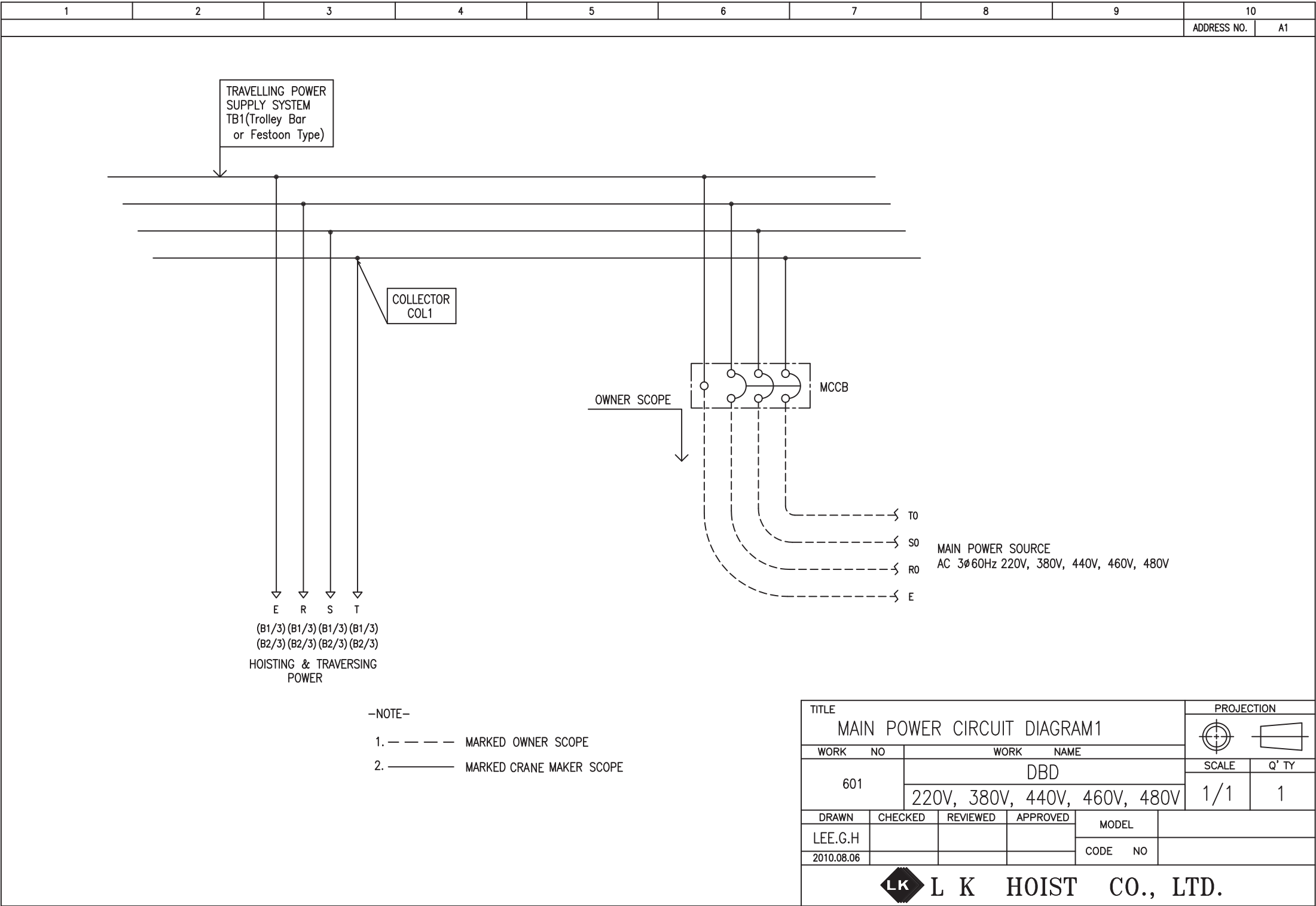
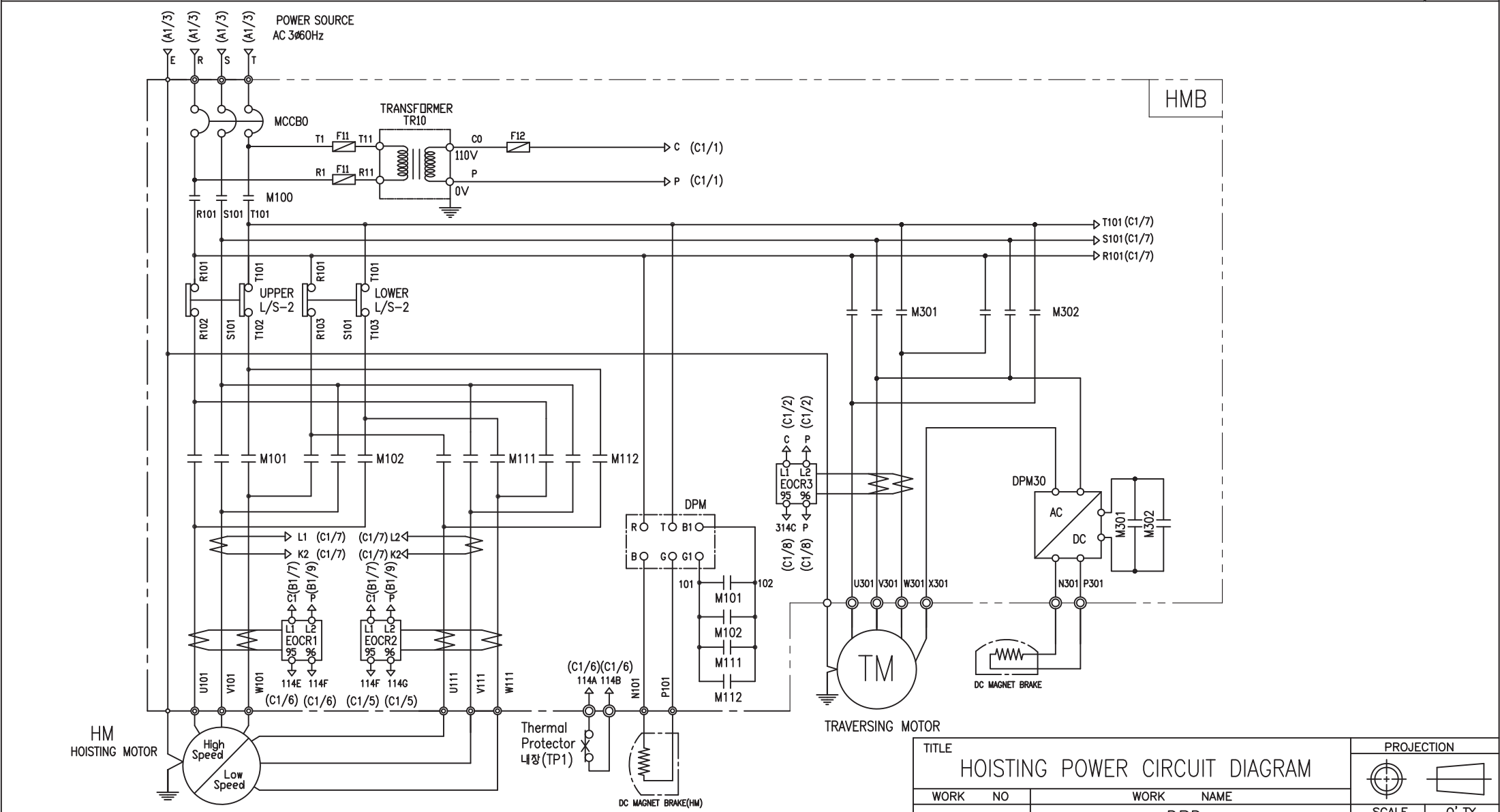






SPECIFICATION	NO FUSE BREAKER		MAGNET CONTACTOR			TRANSFORMER	SILICON RECTIFIER	과전류계전기		FUSE		HOISTING MOTOR	TRAVERSING MOTOR
SYMBOLS	MCCB0		M100	M101,M102 M111, M112	M301,M302	TR10	DPM, DPM30	EOCR1 EOCR2	EOCR3	F11	F12	HM	TM
DESCRIPTION	380V	30A	DMC22	DMC32	DMC12	60 VA	AC220V	SS-30	SS-06	1A	2A	4.4Kw x 2P / 2.2Kw x 6P	0.75Kw * 4P 0.5Kw * 6P
							DC99V						
MAKER	LS		DONGA			YOUNG DONG	LK	SAMWHA		-		LK	LK

TITLE

HOISTING POWER CIRCUIT DIAGRAM

WORK NO

603

WORK NAME

DBD
380V

PROJECTION

SCALE

Q' TY

DRAWN

LEE.G.H

2010.08.06

CHECKED

REVIEWED

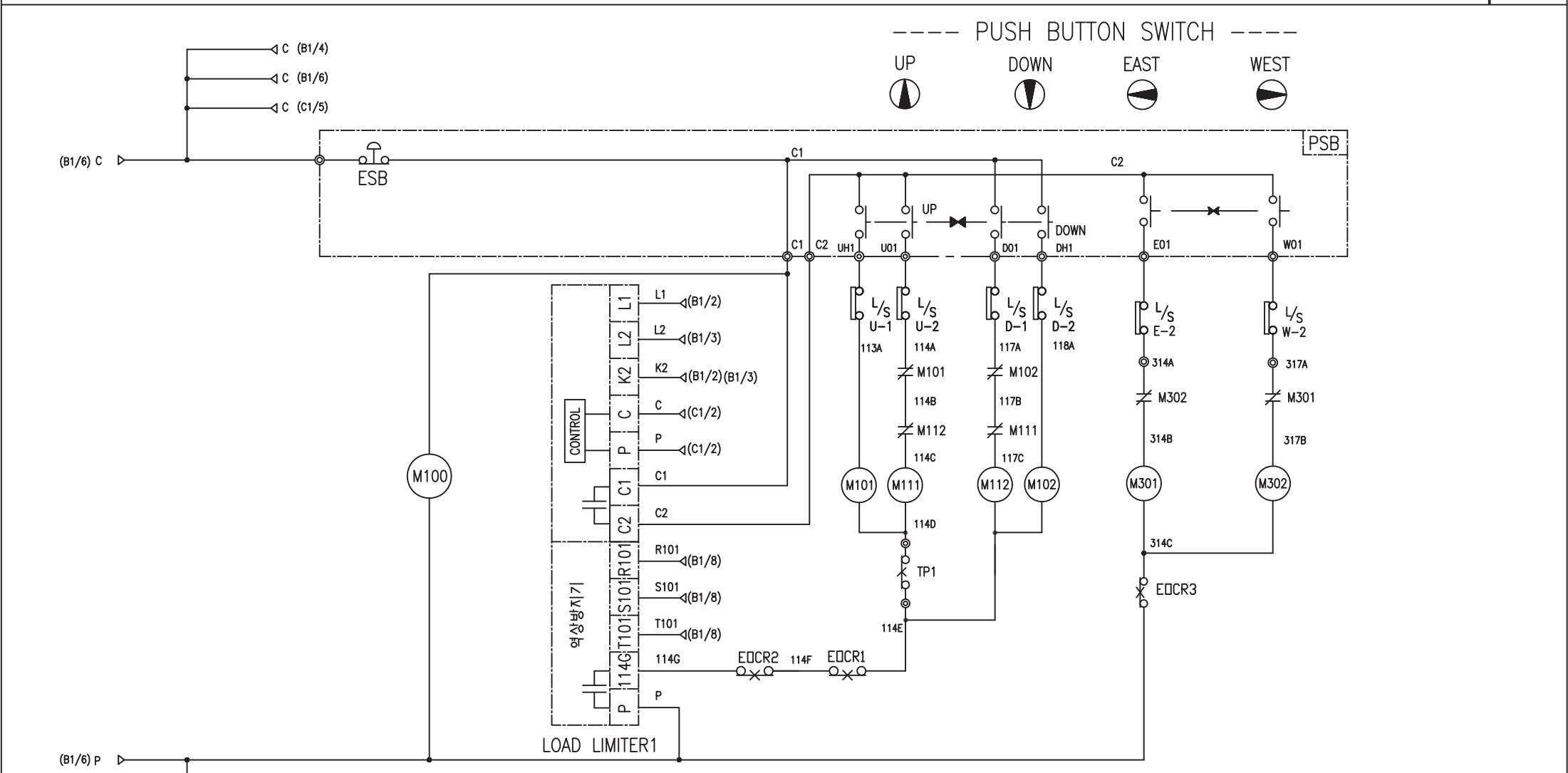
APPROVED

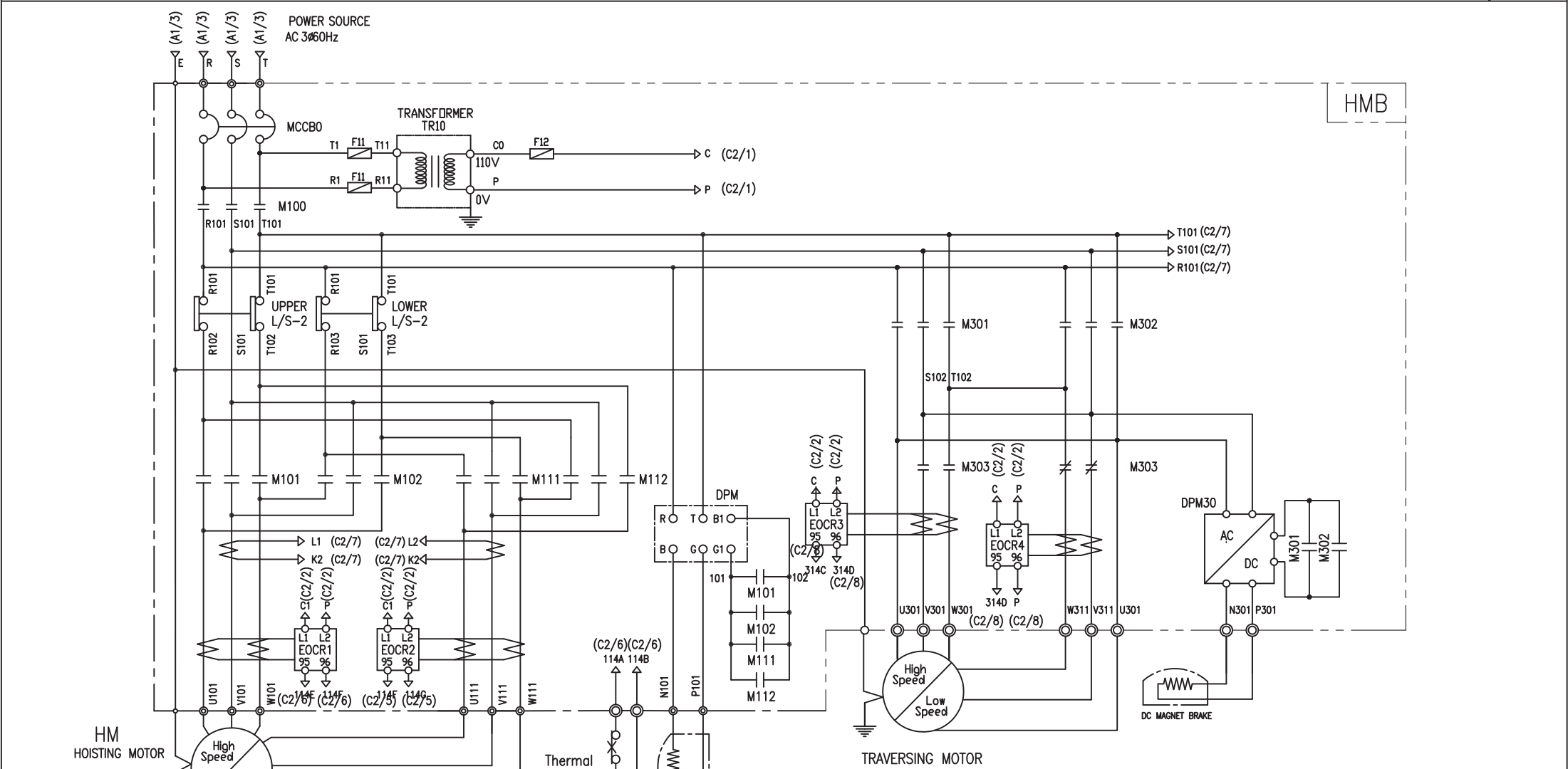
MODEL

CODE NO

CODE_NO

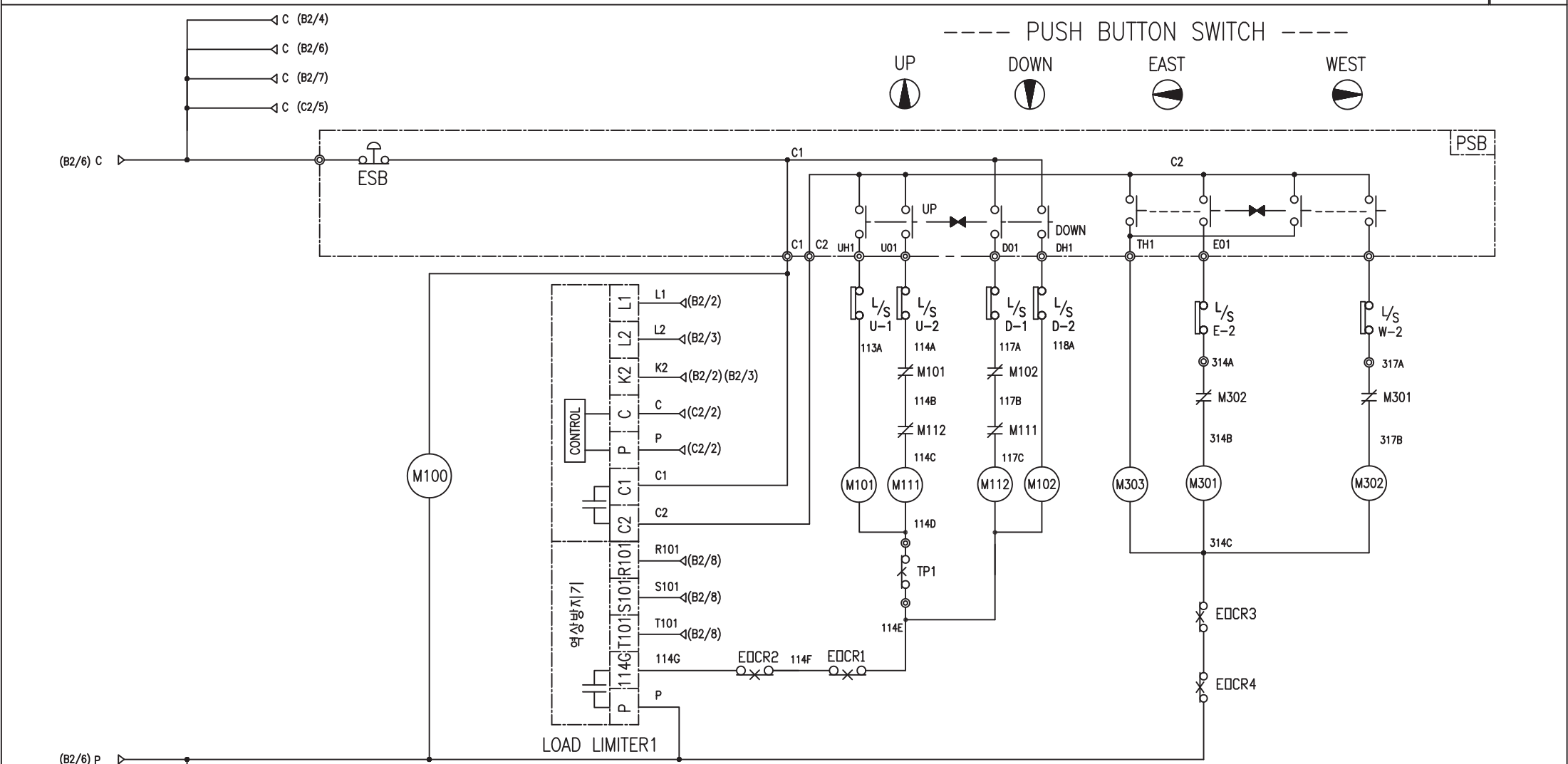
L K HOIST CO., LTD.





Low Speed Protector 내장 (TP1) DC MAGNET BRAKE(HM)													TITLE HOISTING POWER CIRCUIT DIAGRAM WORK NO 605 WORK NAME DBD SCALE Q' TY 220V, 380V, 440V, 460V, 480V										PROJECTION	
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 EOCR4	F11	F12	HM	TM							
DESCRIPTION		220V	40A	DMC22	DMC32	DMC12	60 VA	AC220V	AC380V	AC440V	AC460V	AC480V	SS-30	SS-06	1A	2A	4.4Kw x 2P	0.75Kw * 4P						
		380V	30A																					
		440V	30A																					
		460V	30A																					
		480V	30A																					
MAKER		LS		DONGA			YOUNG DONG	LK			SAMWHA		-		LK	LK								

DRAWN		CHECKED	REVIEWED	APPROVED	MODEL	
LEE.G.H						
2010.08.06					CODE NO	CODE_NO
LK L K HOIST CO., LTD.						



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 - 38	
4. RATED POWER	4.4/2.2 KW × 2/6 P	
5. RATED VOLTAGE AND FREQUENCY	380 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	13/6.5 A	
13. STARTING CURRENT AT RATED VOLTAGE	66/33.2 A	
14. MINIMUM STARTING VOLTAGE	342 V	
15. EFFICIENCY AT 100% RATED LOAD	73/73 %	
16. POWER FACTOR AT 100% RATED LOAD	71/71 %	
17. STARTING TORQUE	242 %	
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 - 38	
4. RATED POWER	0.75 KW × 4 P	
5. RATED VOLTAGE AND FREQUENCY	380 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	2.77 A	
13. STARTING CURRENT AT RATED VOLTAGE	15.2 A	
14. MINIMUM STARTING VOLTAGE	342 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 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 - 38	
4. RATED POWER	0.5 KW × 6 P	
5. RATED VOLTAGE AND FREQUENCY	380 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	1.85 A	
13. STARTING CURRENT AT RATED VOLTAGE	10.5 A	
14. MINIMUM STARTING VOLTAGE	342 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 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 - 38	
4. RATED POWER	0.75/0.25 KW × 4/12 P	
5. RATED VOLTAGE AND FREQUENCY	380 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	2.77 / 1.74 A	
13. STARTING CURRENT AT RATED VOLTAGE	15.3 / 9.57 A	
14. MINIMUM STARTING VOLTAGE	342 V	
15. EFFICIENCY AT 100% RATED LOAD	65 / 48 %	
16. POWER FACTOR AT 100% RATED LOAD	63 / 46 %	
17. STARTING TORQUE	249/ 245 %	
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	