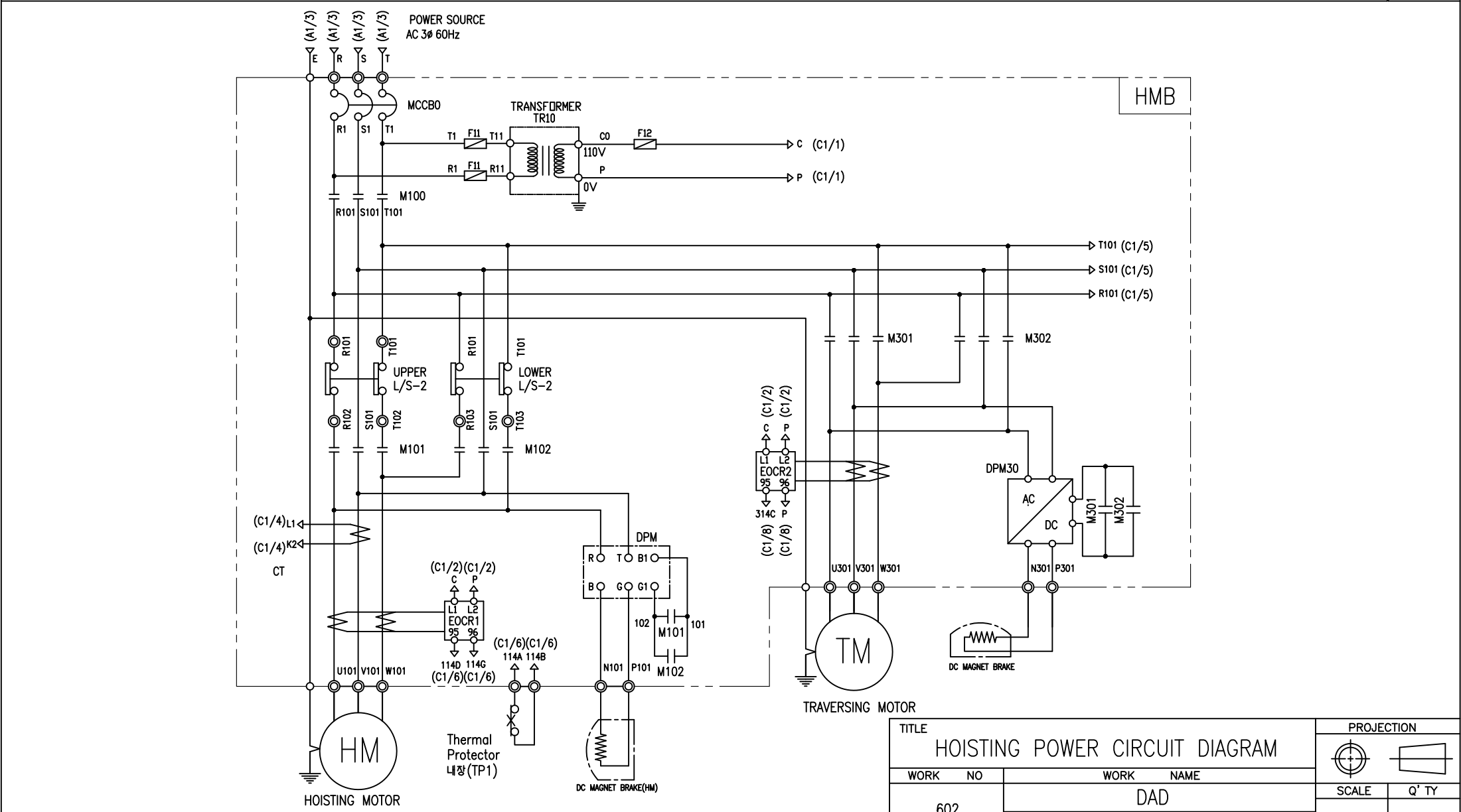


TITLE					PROJECTION		
MAIN POWER CIRCUIT DIAGRAM1							
WORK	NO	WORK NAME					
601		DAD				SCALE	Q' TY
		220V, 380V, 440V, 460V, 480V				1/1	1
DRAWN	CHECKED	REVIEWED	APPROVED	MODEL			
LEE.G.H							
2010.08.06				CODE NO			
 L K HOIST CO., LTD.							



SPECIFICATION	NO FUSE BREAKER	MAGNET CONTACTOR	TRANSFORMER	SILICON RECTIFIER	과전류계전기	FUSE	HOISTING MOTOR	TRAVERSING MOTOR
SYMBOLS	MCCB0	M100, M101,M102	TR10	DPM, DPM30	EOCR1 EOCR2	F11 F12	HM	TM
DESCRIPTION	220V 40A	DMC22	DMC22	AC220V	SS-30 SS-06	1A 2A	3.5Kw x 4P	0.75Kw * 4P 0.5Kw * 6P
	440V 20A			AC440V				
	460V 20A			AC460V				
	480V 20A			AC480V				
MAKER	LS	DONGA	YOUNG DONG	LK	SAMWHA	-	LK	LK

TITLE
HOISTING POWER CIRCUIT DIAGRAM

WORK NO
602

WORK NAME
DAD

220V, 440V, 460V, 480V

PROJECTION
SCALE
Q' TY

DRAWN
LEE.G.H

CHECKED

REVIEWED

APPROVED

MODEL

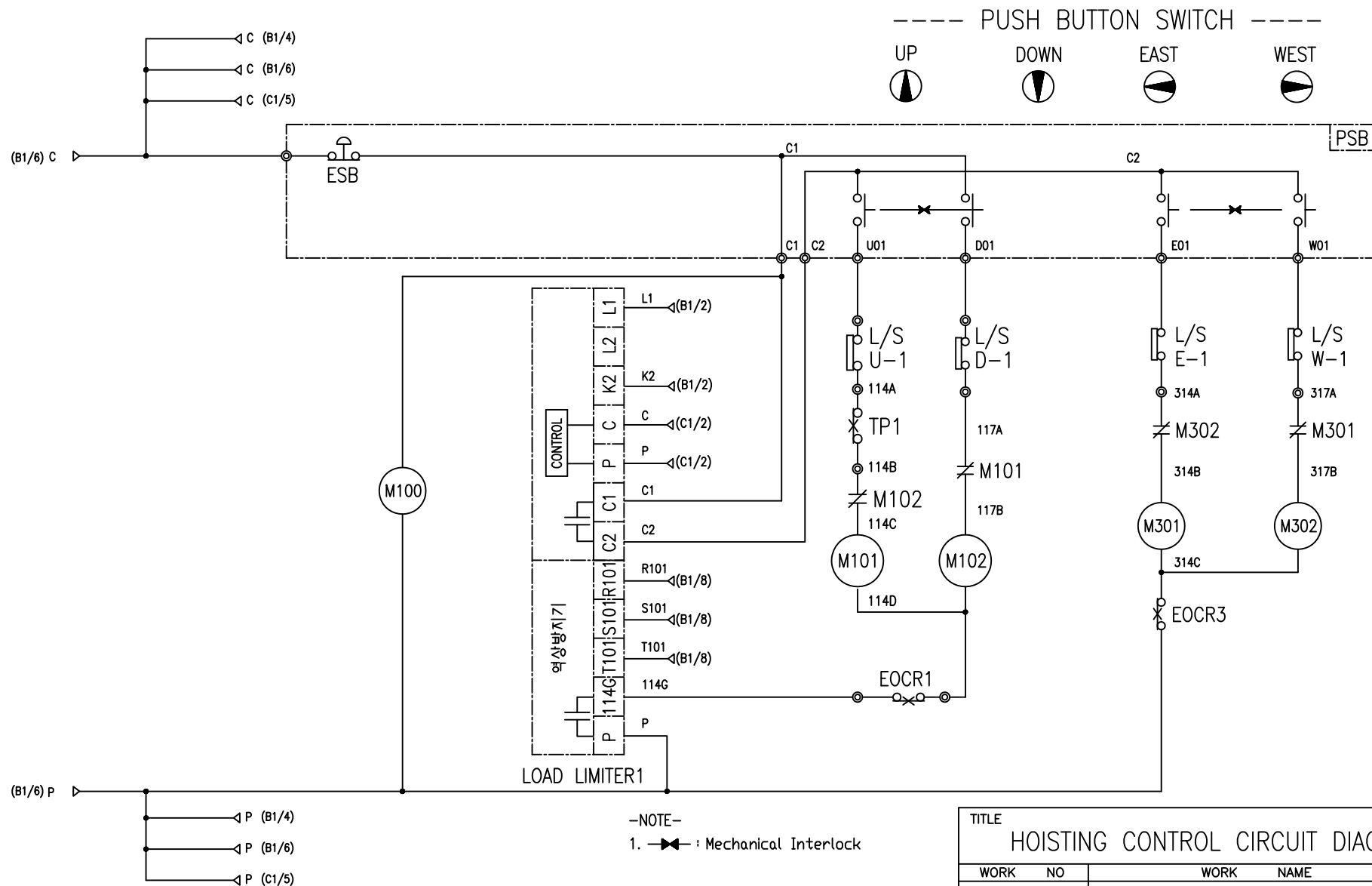
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CODE_NO

2010.08.06

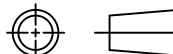
LK L K HOIST CO., LTD.

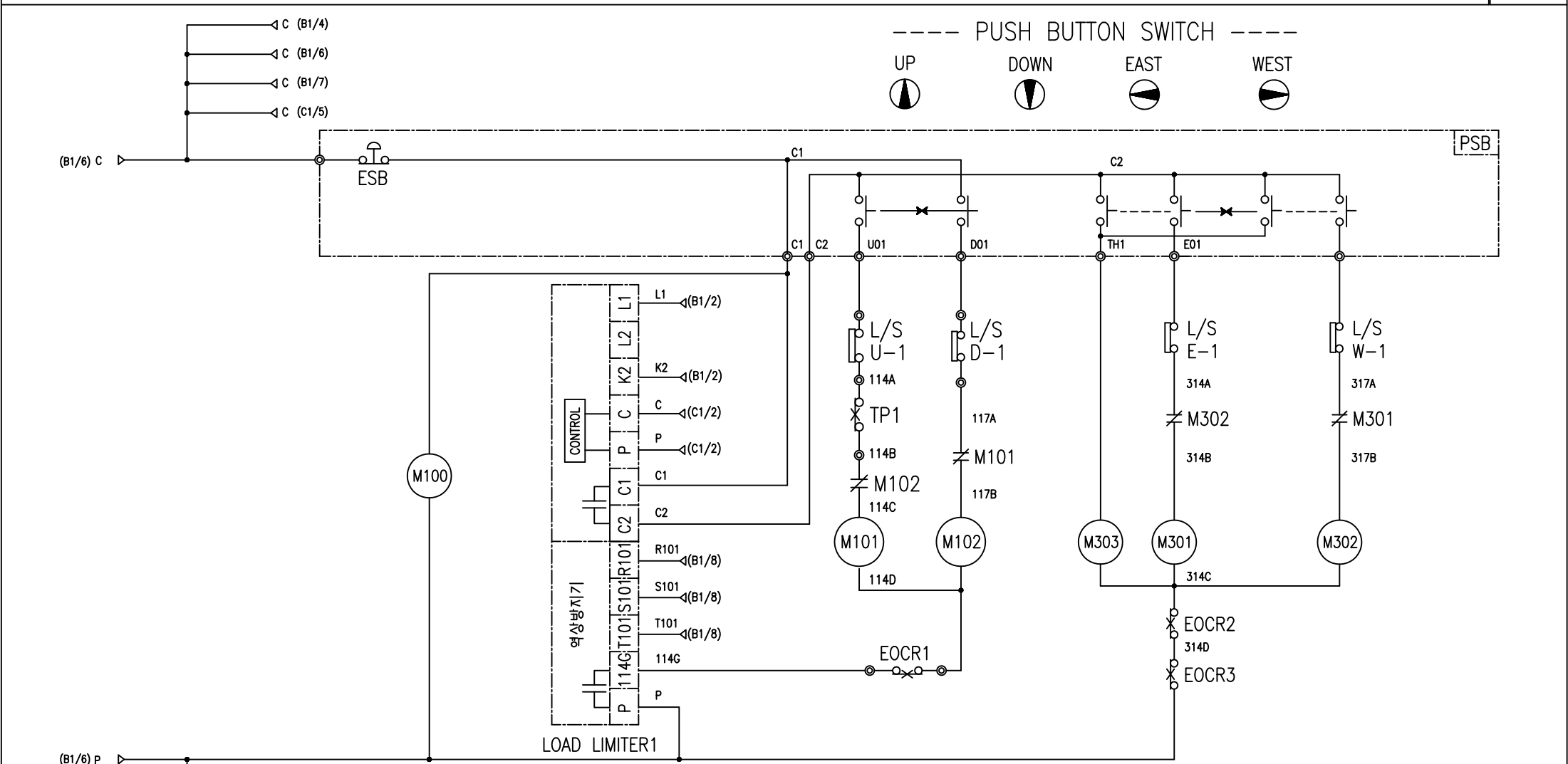
	ADDRESS NO.
	C1



—NOTE—
1. —— : Mechanical Interlock

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

TITLE					PROJECTION	
HOISTING CONTROL CIRCUIT DIAGRAM						
WORK	NO	WORK NAME				
604		DAD			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 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	3.5 - 4 - 44	
4. RATED POWER	3.5 KW × 4 P	
5. RATED VOLTAGE AND FREQUENCY	440 V	60HZ
6. MOTOR TYPE	SQUIRREL CAGE ROTOR TYPE	
7. RATING	30 MIN	
8. LOCATION	IN-DOOR , OUTDOOR	
9. INSULATION CLASS	B	
10. DESIGN TEMPERATURE RISE (BY RESISTANCE)	80℃	
11. FULL LOAD SPEED	1740 RPM	
12. FULL LOAD CURRENT	8.6 A	
13. STARTING CURRENT AT RATED VOLTAGE	46.4 A	
14. MINIMUM STARTING VOLTAGE	396 V	
15. EFFICIENCY AT 100% RATED LOAD	73.3 %	
16. POWER FACTOR AT 100% RATED LOAD	72.8 %	
17. STARTING TORQUE	245 %	
18. TYPE OF ENCLOSURE	전폐형(IP-54)	
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	