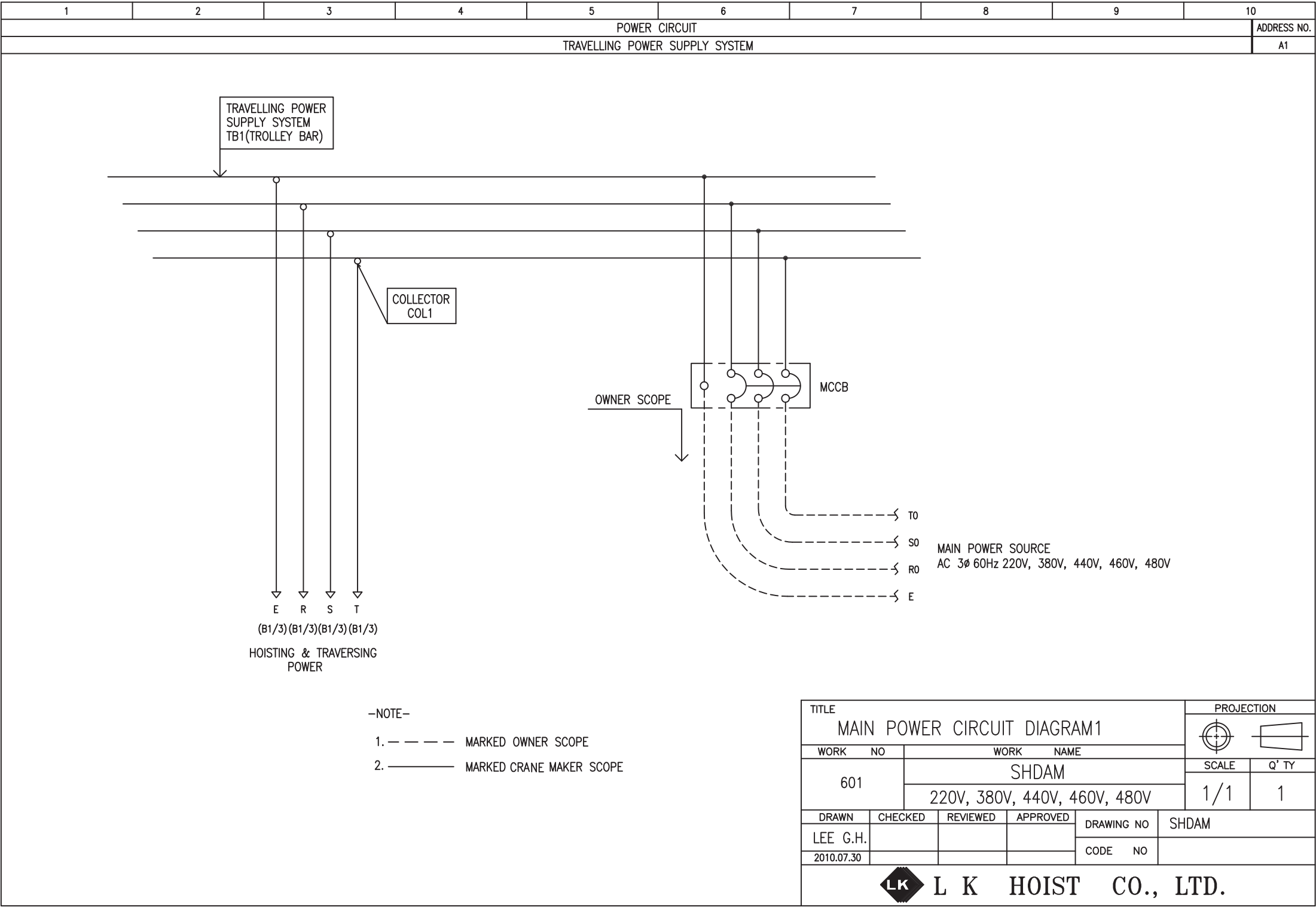
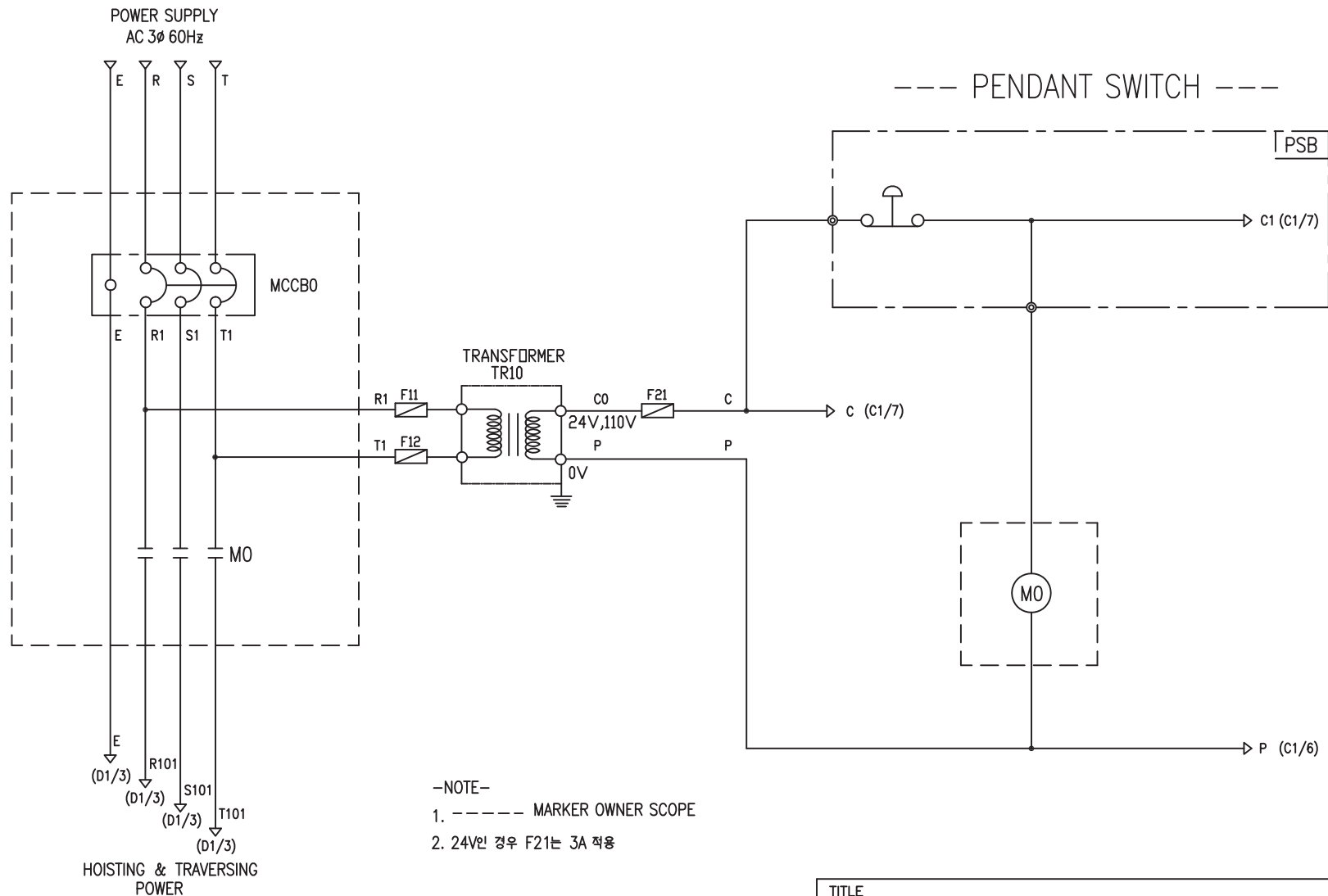
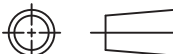


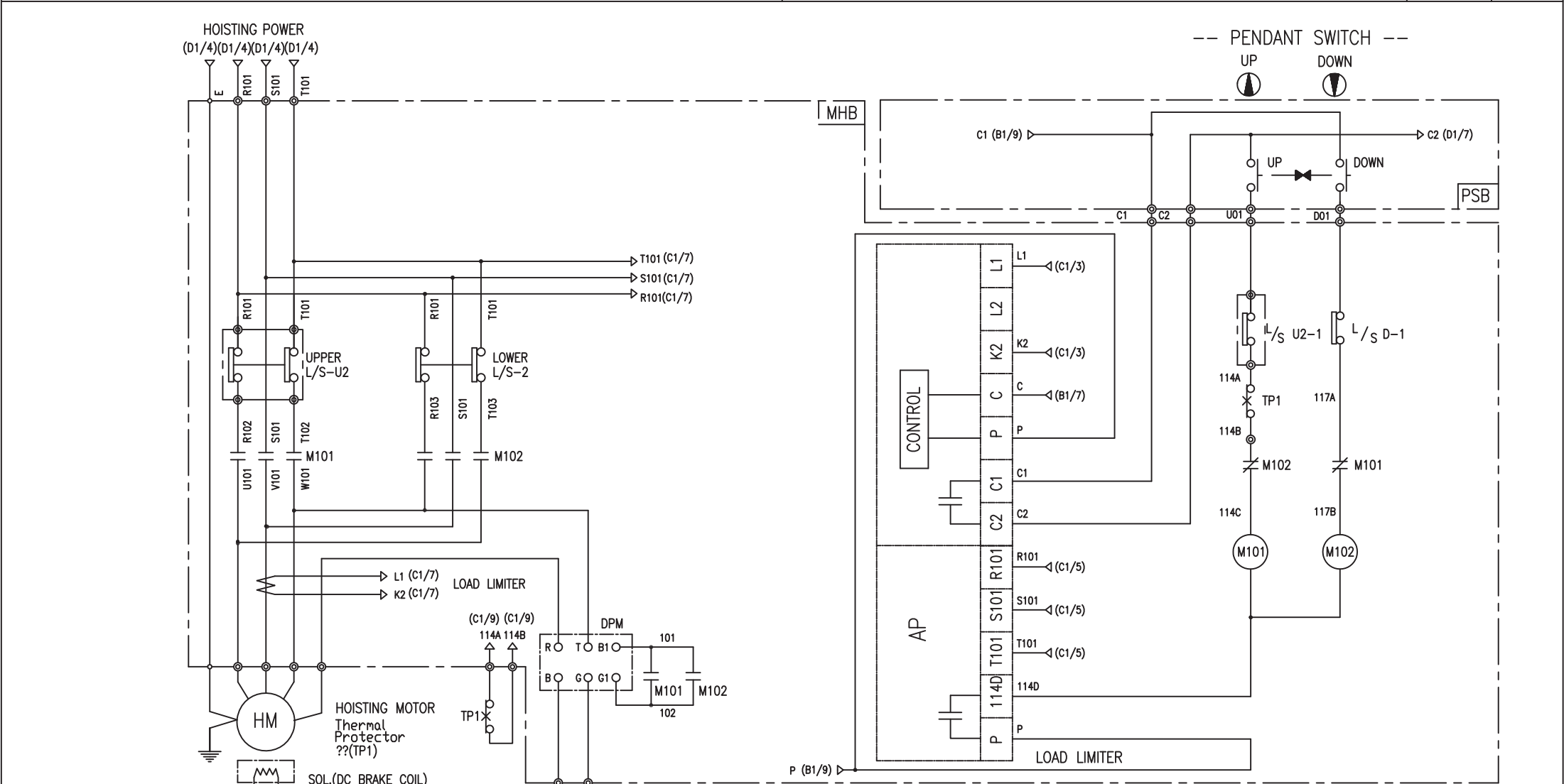


1	2	3	4	5	6	7	8	9	10		
POWER CIRCUIT					CONTROL CIRCUIT					ADDRESS NO.	B1



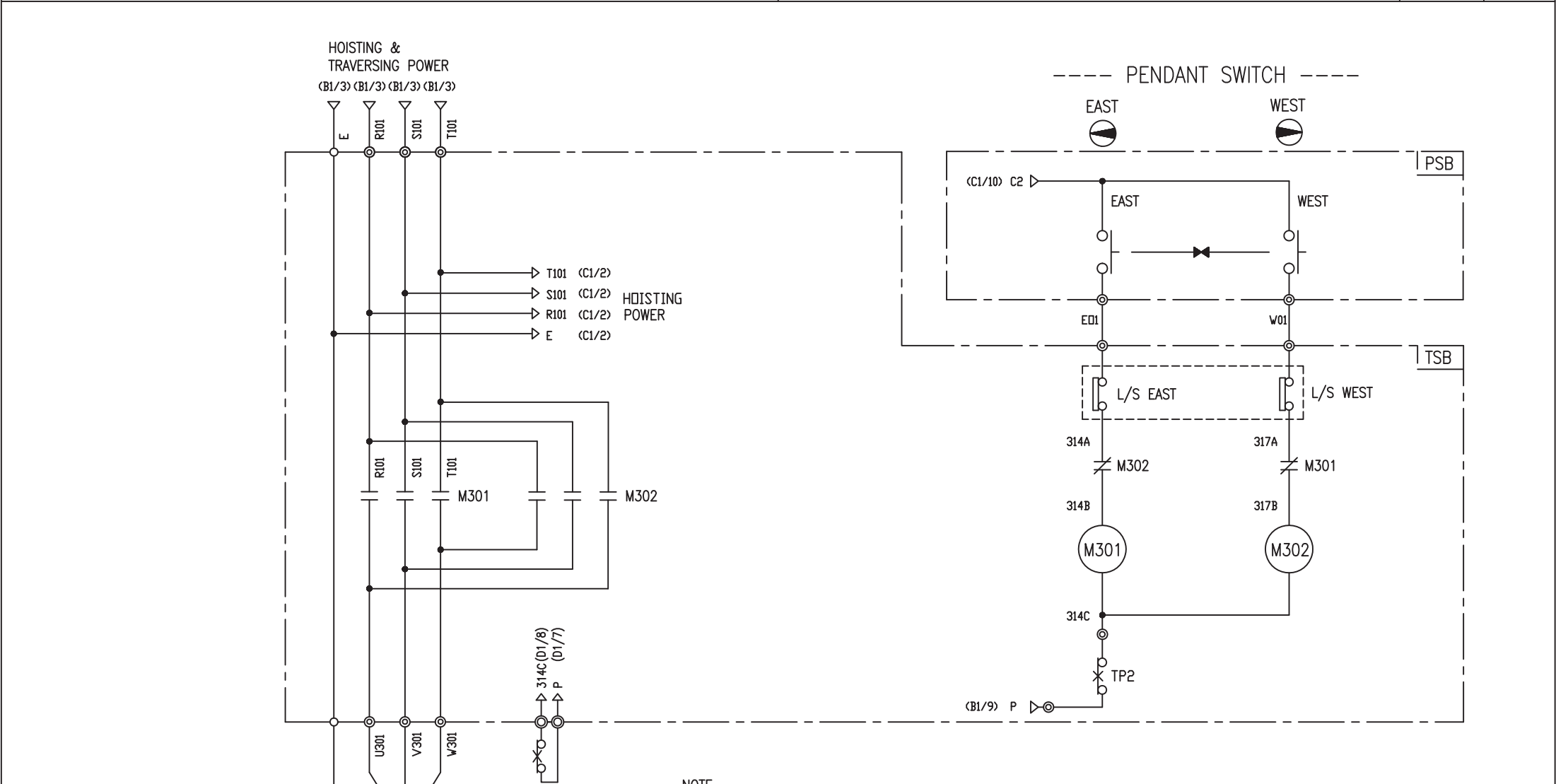
SPECIFICATION	NO FUSE BREAKER		MAGNET CONTACT		TRANSFORMER	FUSE
SYMBOLS	MCCB0		M0		TR10	F11, F12, F21
DESCRIPTION	220V	50A	GMC22	DMC-22	60VA	1A
	380V	30A				
	440V	20A				
	460V	20A				
	480V	20A				
MAKER	LS		LS	DONGA	LK	—

TITLE					PROJECTION		
MAIN POWER & CONTROL CIRCUIT DIAGRAM							
WORK	NO	WORK NAME					
602		SHDAM				SCALE	Q' TY
		220V, 380V, 440V, 460V, 480V				1/1	1
DRAWN	CHECKED	REVIEWED	APPROVED	MODEL		SHDAM	
LEE.G.H				CODE NO			
2010.07.30							
 L K HOIST CO., LTD.							



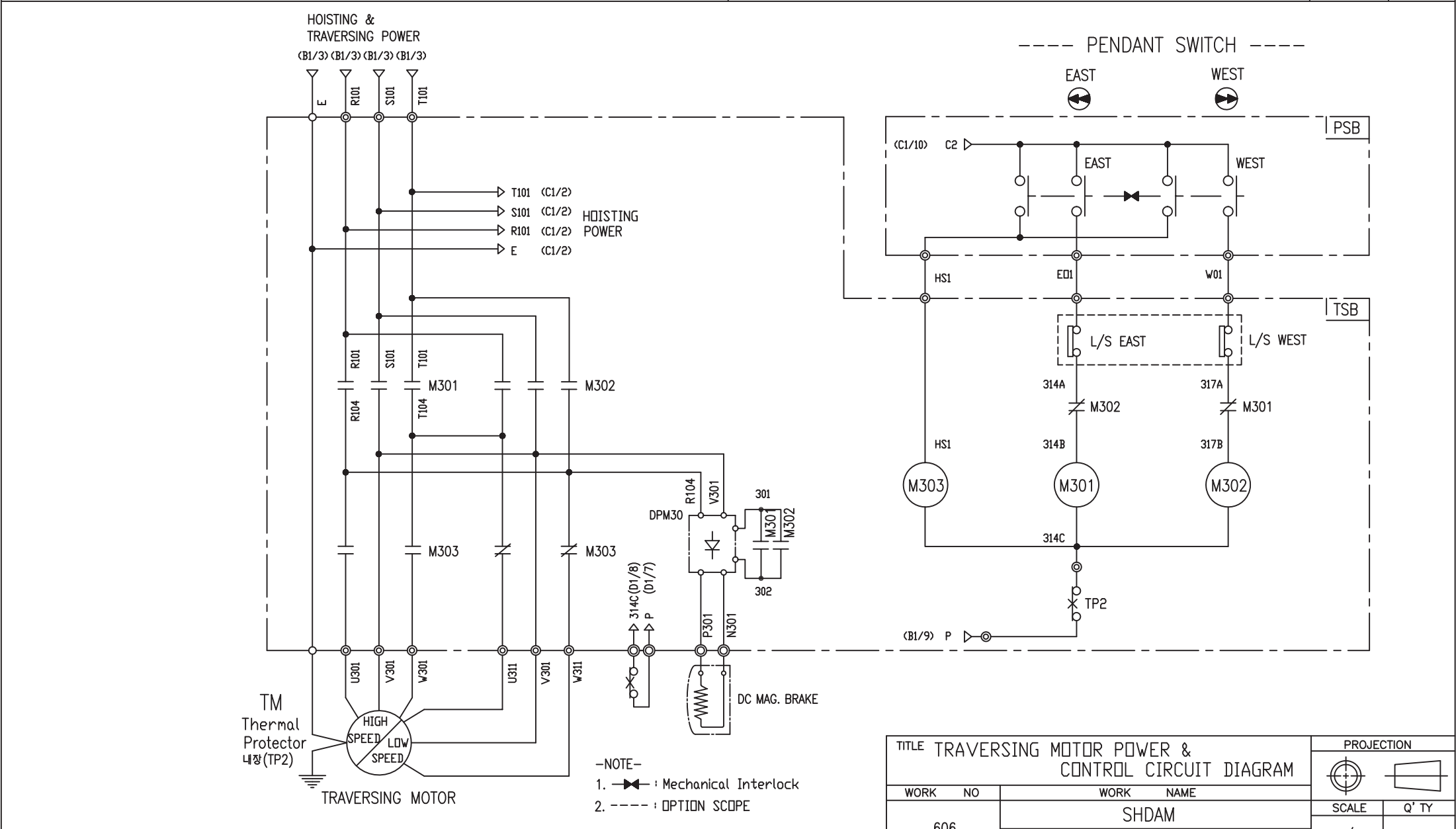
SPECIFICATION	MAGNET CONTACT		LOAD LIMITER	SILICON RECTIFIER	Thermal Protector	HOIST MOTOR
SYMBOLS	M101, M102		—	DPM	TP1	HM
DESCRIPTION	DMC-22	GMC-22	LKDL-601	DC99V	17AM032	3.5Kw * 4P
MAKER	DONG-A	LS	LK	LK	Texas Instruments	LK

TITLE				PROJECTION	
HOIST POWER & CONTROL CIRCUIT DIAGRAM					
WORK NO	WORK NAME		SCALE		
604	SHDAM		1/1		
380V			Q' TY		
1					
DRAWN	CHECKED	REVIEWED	APPROVED	MODEL	SHDAM
LEE.G.H				CODE NO	
2010.07.30					
L K HOIST CO., LTD.					



TITLE TRAVERSING MOTOR POWER & CONTROL CIRCUIT DIAGRAM				PROJECTION	
WORK NO		WORK NAME			
605		SHDAM		SCALE	Q' TY
		220V, 380V, 440V, 460V, 480V		1/1	1
DRAWN	CHECKED	REVIEWED	APPROVED	MODEL	SHDAM
LEE.G.H				CODE NO	
2010.07.30					
L K HOIST CO., LTD.					

SPECIFICATION		MAGNET CONTACT		Thermal Protector		TRAVERSING MOTOR	
SYMBOLS		M301, M302		TP2		TM	
DESCRIPTION		GMC12	DMC12	17AM032		0.75KW *4P	0.4KW *6P
MAKER		LS	DONGA	Texas Instruments		LK	



SPECIFICATION	MAGNET CONTACT		Thermal Protector	SILICON RECTIFIER					TRAVERSING MOTOR
SYMBOLS	M301, M302, M303		TP2	DPM30					TM
DESCRIPTION	GMC12	DMC12	17AM032	AC220V	AC380V	AC440V	AC460V	AC480V	0.75/0.25KW *4/12P
				DC99V	DC171V	DC198V	DC207V	DC216V	
MAKER	LS	DONGA	Texas Instruments	LK					LK

TITLE TRAVERSING MOTOR POWER & CONTROL CIRCUIT DIAGRAM							PROJECTION	
WORK NO 606							WORK NAME SHDAM	
220V, 380V, 440V, 460V, 480V							SCALE 1/1	Q' TY 1
DRAWN	CHECKED	REVIEWED	APPROVED	MODEL		SHDAM		
LEE.G.H				CODE NO				
2010.07.30								
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 - 38	
4. RATED POWER	3.5 KW × 4 P	
5. RATED VOLTAGE AND FREQUENCY	380 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	10 A	
13. STARTING CURRENT AT RATED VOLTAGE	49.2 A	
14. MINIMUM STARTING VOLTAGE	342 V	
15. EFFICIENCY AT 100% RATED LOAD	73 %	
16. POWER FACTOR AT 100% RATED LOAD	72.8 %	
17. STARTING TORQUE	242 %	
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 - 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	1670 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	0.4 - 6 - 38	
4. RATED POWER	0.4 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	1670 / 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	