

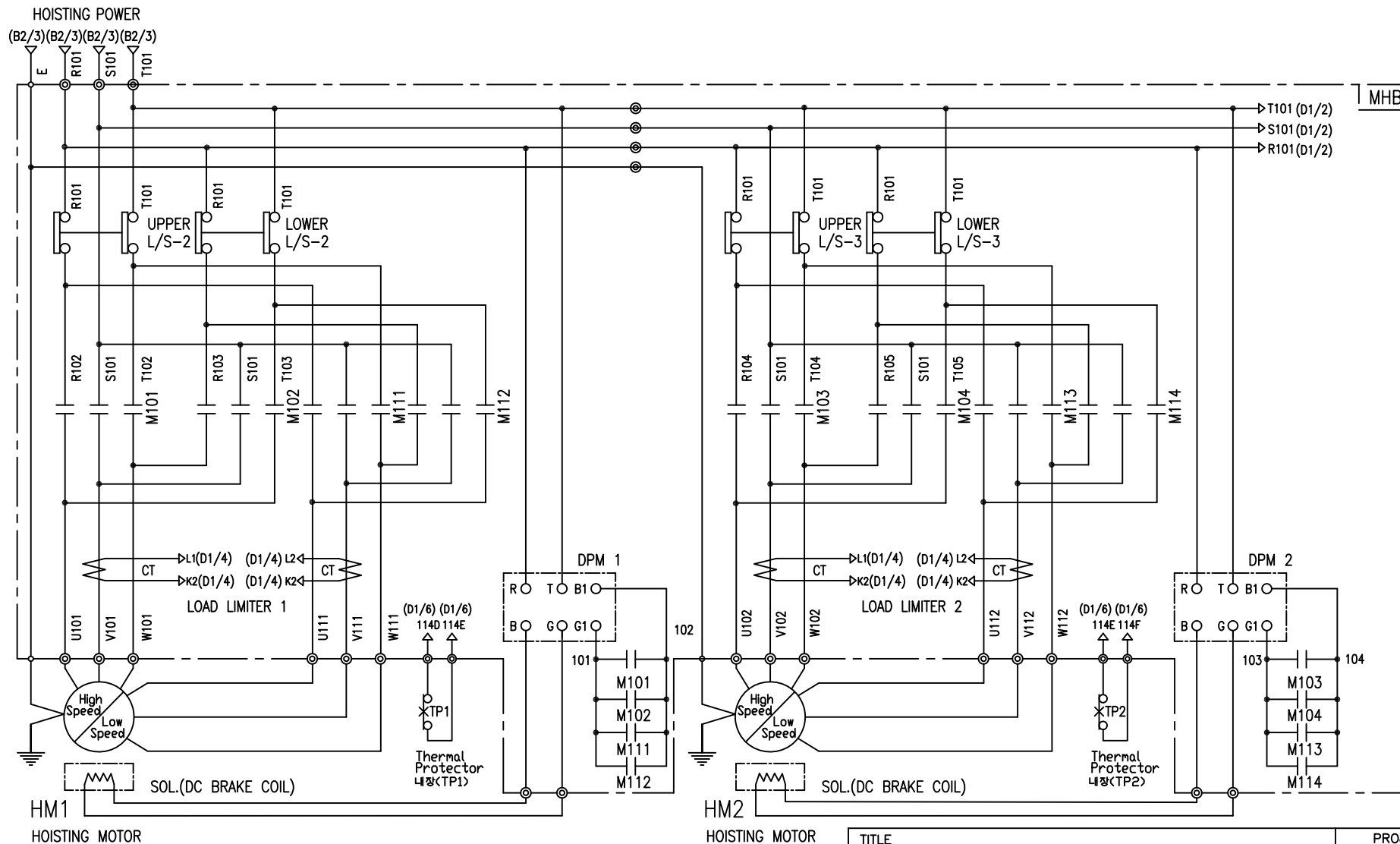
-NOTE-

1. ----- : MARKER OWNER SCOPE
2. 24V인 경우 F21는 3A 적용

SPECIFICATION	NO FUSE BREAKER	MAGNET CONTACT	TRANSFORMER	FUSE		
SYMBOLS	MCCB0	MO	TR10, TR20	F11, F12, F21		
DESCRIPTION	220V	100A	GMC40	DMC40b	60VA	1A
	380V	75A				
	440V	60A				
	460V	60A				
480V	60A					
MAKER	LS	LS	DONGA	LK	-	

TITLE						PROJECTION	
MAIN POWER & CONTROL CIRCUIT DIAGRAM							
WORK NO.	WORK NAME					SCALE	Q' TY
601	DB-10W					1/1	1
220V, 380V, 440V, 460V, 480V							
DRAWN	CHECKED	REVIEWED	APPROVED	MODEL	DB10W		
LEE.G.H				CODE NO			
2010.07.30							
L K HOIST CO., LTD.							

HOIST POWER CIRCUIT

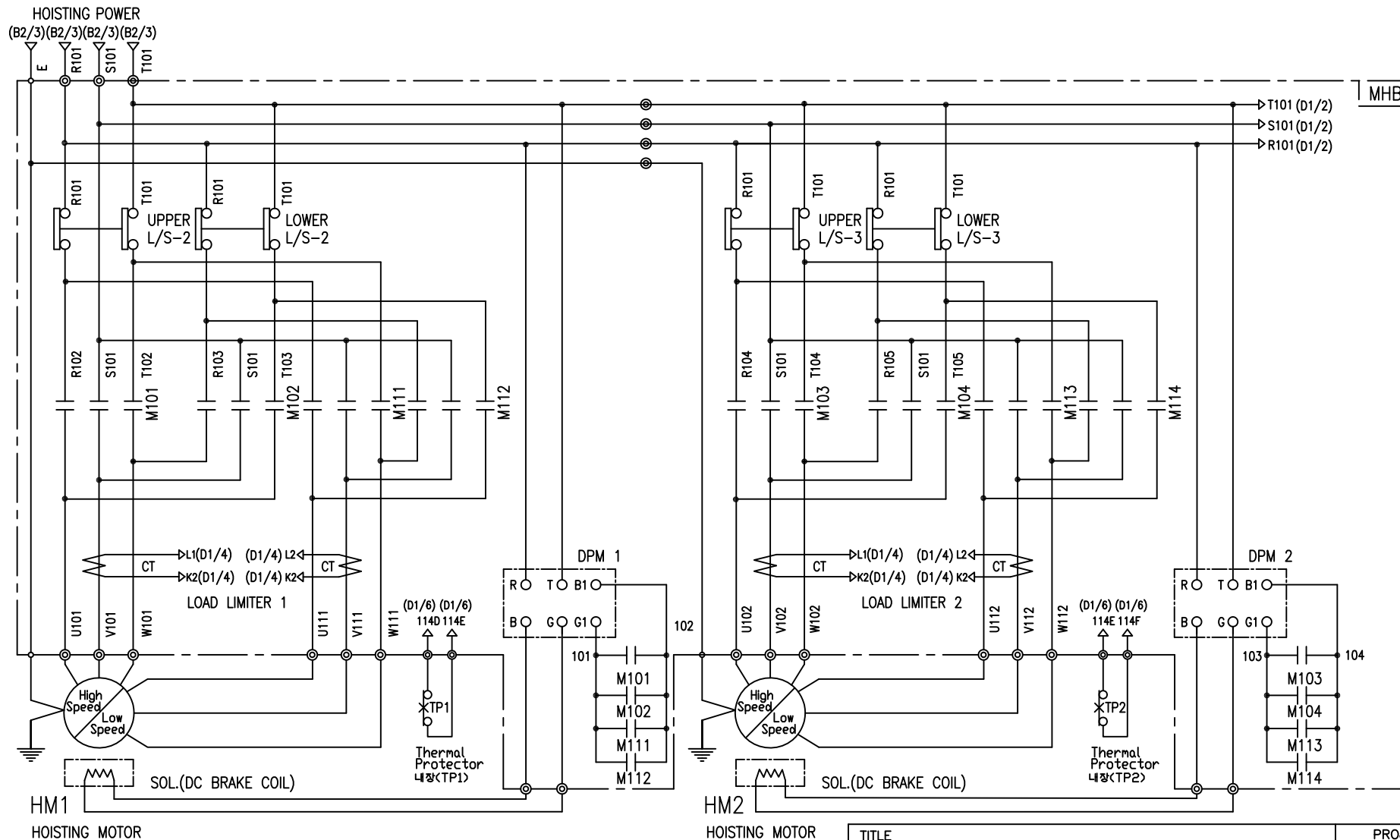


MHB

SPECIFICATION	MAGNET CONTACT	SILICON RECTIFIER	Thermal Protector	HOIST MOTOR
SYMBOLS	M101, M102, M103, M104 M111, M112, M113, M114	DPM1, DPM2	TP1, TP2	HM1, HM2
DESCRIPTION	GMC32 DMC32b	DC99V	17AM032	4.4Kw * 2P/2.2Kw * 6P (2SET)
MAKER	LS DONGA	LK	Texas Instruments	LK

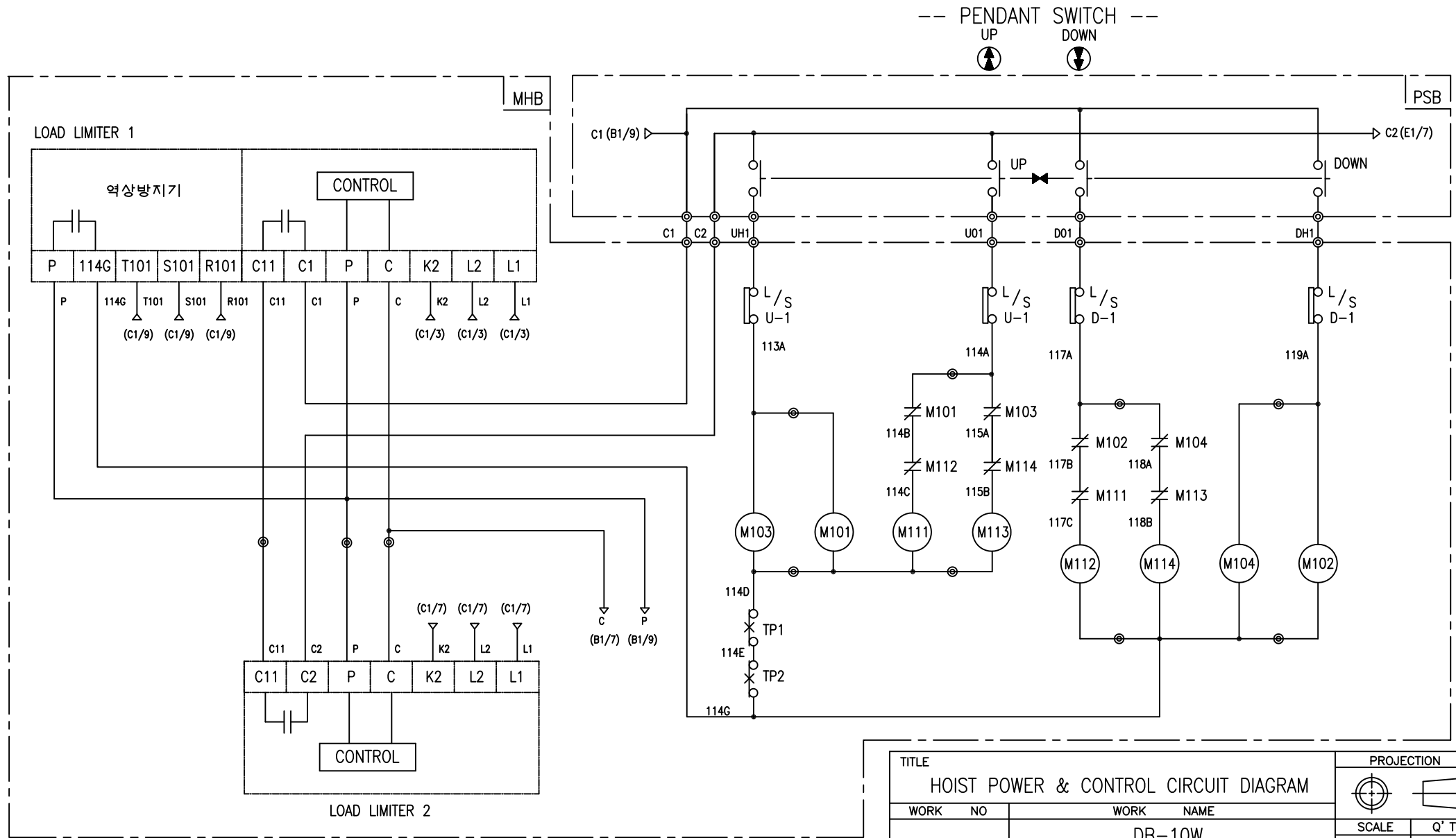
TITLE						PROJECTION	
HOIST POWER & CONTROL CIRCUIT DIAGRAM							
WORK NO		WORK NAME				SCALE	
602		DB-10W 220V				Q' TY	
1/1		1		1		1	
DRAWN	CHECKED	REVIEWED	APPROVED	MODEL	DB10W		
LEE.G.H				CODE NO			
2010.07.30							
L K HOIST CO., LTD.							

HOIST POWER CIRCUIT



SPECIFICATION	MAGNET CONTACT		SILICON RECTIFIER				Thermal Protector	HOIST MOTOR
SYMBOLS	M101, M102, M103, M104 M111, M112, M113, M114		DPM1, DPM2				TP1, TP2	HM1, HM2
DESCRIPTION	GMC22	DMC22b	AC380V DC171V	AC440V DC198V	AC460V DC207V	AC480V DC216V	17AM032	4.4Kw * 2P/2.2Kw * 6P (2SET)
MAKER	LS	DONGA	LK				Texas Instruments	LK

TITLE						PROJECTION	
HOIST POWER & CONTROL CIRCUIT DIAGRAM							
WORK NO		WORK NAME				SCALE	Q' TY
603		DB-10W				1/1	1
380V, 440V, 460V, 480V		DRAWN		CHECKED	REVIEWED	APPROVED	MODEL
2004.08.30		LEE.G.H					DB10W
				CODE NO			
L K HOIST CO., LTD.							



-NOTE-
1. : Mechanical Interlock

SPECIFICATION	LOAD LIMITER 1	LOAD LIMITER 2
SYMBOLS	-	-
DESCRIPTION	LKDL-601	LKDL-501
MAKER	LK	

TITLE HOIST POWER & CONTROL CIRCUIT DIAGRAM				PROJECTION 	
WORK NO. 604	WORK NAME DB-10W			SCALE 1/1	Q' TY 1
220V, 380V, 440V, 460V, 480V					
DRAWN LEE.G.H 2010.07.30	CHECKED	REVIEWED	APPROVED	MODEL DB10W	CODE NO
L K HOIST CO., LTD.					

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