



-NOTE-
1. : Mechanical Interlock

TITLE						PROJECTION	
HOIST POWER & CONTROL CIRCUIT DIAGRAM							
WORK NO		WORK NAME				SCALE	
603		DB				1/1	
		380V, 440V, 460V, 480V				Q' TY	
						1	
DRAWN	CHECKED	REVIEWED	APPROVED	MODEL	DB		
LEE.G.H					CODE NO		
2010.07.30							

SPECIFICATION	MAGNET CONTACT	LOAD LIMITER	SILICON RECTIFIER				Thermal Protector	HOIST MOTOR
			AC380V	AC440V	AC460V	AC480V		
SYMBOLS	M101, M102 M103, M104	-	DPM				TP1	HM
DESCRIPTION	DMC22	LKDL-601	DC171V	DC198V	DC207V	DC216V	17AM032	4.4Kw * 2P/2.2Kw*6P
MAKER	DONG-A	LK	LK				Texas Instruments	LK

SCHEDULE OF TECHNICAL DATA

1. SERVICE	HOISTING
2. MANUFACTURE	LK HOIST CO. LTD
3. MOTOR MODEL NO	4.4/2.2 - 2/6 - 46
4. RATED POWER	4.4/2.2 KW × 2/6 P
5. RATED VOLTAGE AND FREQUENCY	460 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	11/5.3 A
13. STARTING CURRENT AT RATED VOLTAGE	54/28 A
14. MINIMUM STARTING VOLTAGE	414 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