



-NOTE-
 1. Mechanical Interlock

SPECIFICATION	MAGNET CONTACT	LOAD LIMITER	SILICON RECTIFIER	Thermal Protector	HOIST MOTOR
SYMBOLS	M101, M102, M103, M104	-	DPM1 & DPM2	TP1, TP2	HM1, HM2
DESCRIPTION	GMC22 DMC22	LKDL-501 LKDL-601	AC220V/DC99V	17AM032	3.5Kw * 4P(2SET)
MAKER	LS DONGA	LK	LK	Texas Instruments	LK

TITLE HOIST POWER & CONTROL CIRCUIT DIAGRAM						PROJECTION 	
WORK NO	WORK NAME					SCALE	Q' TY
603	DA-10W					1/1	1
380V							
DRAWN	CHECKED	REVIEWED	APPROVED	MODEL	DA10W		
LEE.G.H					CODE NO		
2010.07.30							
L K HOIST CO., LTD.							

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