



제2017 - 49321 호

안 전 인 증 서

(사업장명) 극동호이스트(주)

(소 재 지) (154-23)경기도 안산시 단원구 해봉로 119(성곡동)

위 사업장에서 제조하는 아래의 품목이 산업안전보건법 제34조 및 같은 법 시행규칙 제58조의4제4항에 따른 안전인증 심사 결과 안전·보건기준에 적합하므로 안전인증표시의 사용을 인증합니다.

_____ 품 목 _____

호이스트

_____ 형식,모델(용량,등급)/인증번호 _____

KDC3-DL (3.0Ton) /17-AE2AC-00744 / 17-AE2AC-00744

_____ 인 증 기 준 _____

고용노동부 고시 제2016 - 29호 (위험기계·기구 안전인증 고시)

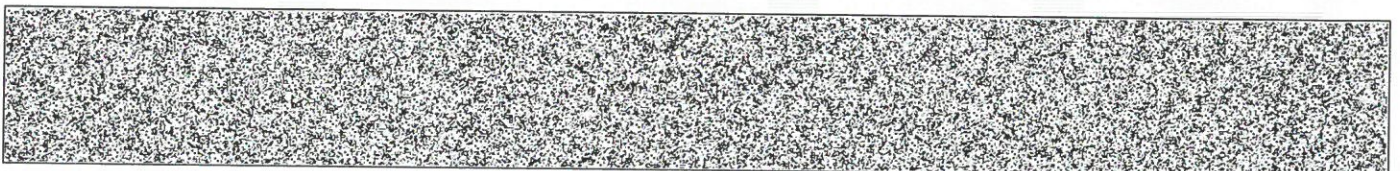
_____ 인 증 조 건 _____

인증유효기간 : 해당없음

설치장소 : 옥외

2017년 01월 10일

한국산업안전보건공단이사장





심사결과 통지서

신청인	사업장명	극동호이스트(주)	사업장관리번호	134-81-013350
	사업자등록번호	134-81-01335	대표자 성명	최성찬
	소재지	(15423) 경기도 안산시 단원구 해봉로 119(성곡동)		
안전인증대상 기계·기구명				
호이스트				
형식(규격)	KDC3-DL ()	용량(등급)	3.0 Ton	

산업안전보건법 제 34조 및 같은 법 시행규칙 제58조의4에 따라 실시한

- ☐ 예비심사
- ☐ 서면심사
- ☐ 기술능력 및 생산체계 심사
- ☐ 개별 제품심사
- ☐ 개별 제품심사(제작중)
- ☒ 형식별 제품심사

결과가 [☒] 적 합
[☐] 부적합

함을 통지합니다.

2017년 01월 10일

인증심사원

김영태

(서명)

한국산업안전보건공단 중부지역본부장



한국산업안전보건공단 중부지역본부

수신자 극동호이스트(주) 대표이사

(경유)

제목 형식별 제품심사결과 통지

산업안전보건법 제34조 및 시행규칙 제58조의4제1항에 따라 아래 안전인증 대상품에 대한 형식별 제품심사를 실시하고 그 결과를 통지합니다.

신청사업장 : 극동호이스트(주)

대표자명 : 최성찬

전화번호 : 031-491-5311

팩스번호 : 031-491-0473

소재지 : 경기도 안산시 단원구 해봉로 119 (성곡동)

심사일 : 2017-01-10

■ 심사결과 : 적합 (3)건, 부적합 (0)건, 반려 (0)건

안전인증 대상품명	형식번호	용량	결과	비고
호이스트	KDC1T-M	1Ton	적합	-
호이스트	KDC0.5-M	0.5Ton	적합	-
호이스트	KDC3-DL	3.0Ton	적합	-

안전인증 과정에서 수집된 개인정보는 공단의 고객만족 마인드 제고를 통해 보다 나은 안전보건서비스를 제공하기 위한 목적으로 “고객만족도 조사”에 활용됨을 알려드립니다.

기타 자세한 사항은 공단 홈페이지(www.kosha.or.kr)에서 확인하시기 바랍니다.

붙임 : 1.심사결과통지서 3부.

2.안전인증서 3부. 끝.

한국산업안전보건공단 중부지역본부장



안전인증2부장 전결 01/11
김영태

협조자

고객결재

시행 안전인증2부-235 (2017.01.11.) 접수

우 21417 인천광역시 부평구 무네미로 478(구산동 한국산업안전보건공단) / <http://www.kosha.or.kr>

전화 032-5100-560 /전송 032-579-8192 / kyt2571@kosha.or.kr / 비공개(7)

대표번호 052)703-0500 1644-4544 <http://www.kosha.or.kr> /고객참여



심사결과 통지서

신청인	사업장명	극동호이스트(주)	사업장관리번호	134-81-013350
	사업자등록번호	134-81-01335	대표자 성명	최성찬
	소재지	(425 - 833) 경기도 안산시 성곡동630-2 반월공단 B-607-14		
안전인증대상 기계·기구명				
호이스트				
형 식 (규 격)	KDC3-DL		용 량 (등 급)	3.0 Ton

산업안전보건법 제 34조 및 같은 법 시행규칙 제58조의4에 따라 실시한

[] 예비심사

[√] 서면심사

[] 기술능력 및 생산처계 심사

[] 개별 제품심사

[] 개별 제품심사(제작중)

[] 형식별 제품심사

결과가 [√] 적 합
[] 부적합

함을 통지합니다.

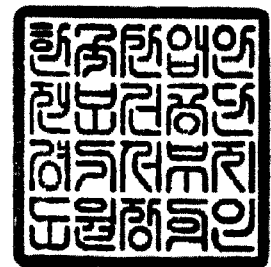
2011년 11월 01일

인증심사원

조성준 변명수

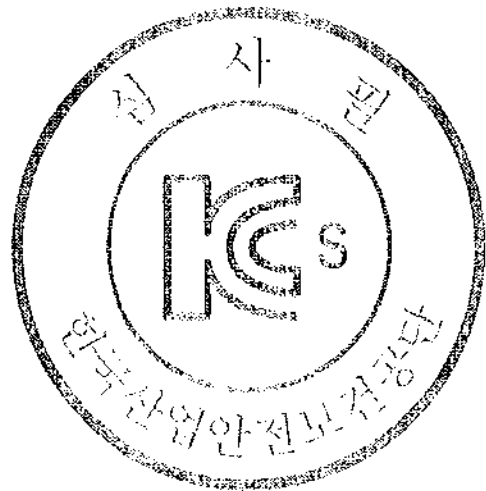
조명희 인증

한국산업안전보건공단 경기서부지도원장

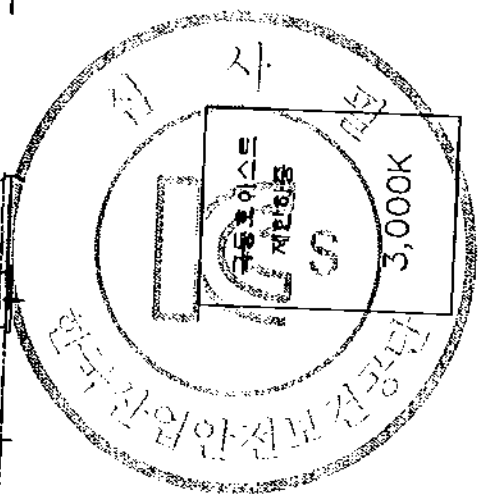
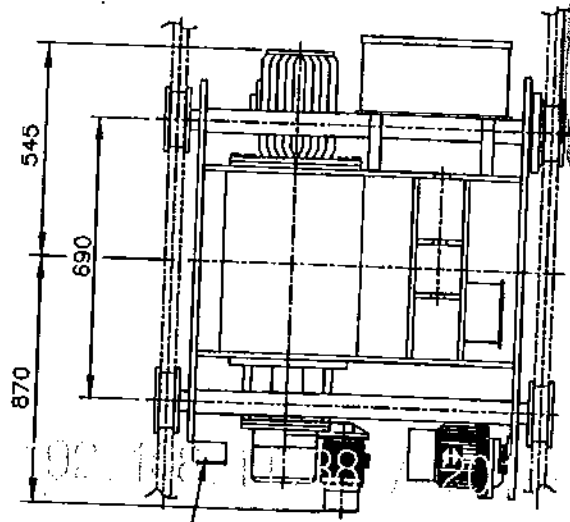
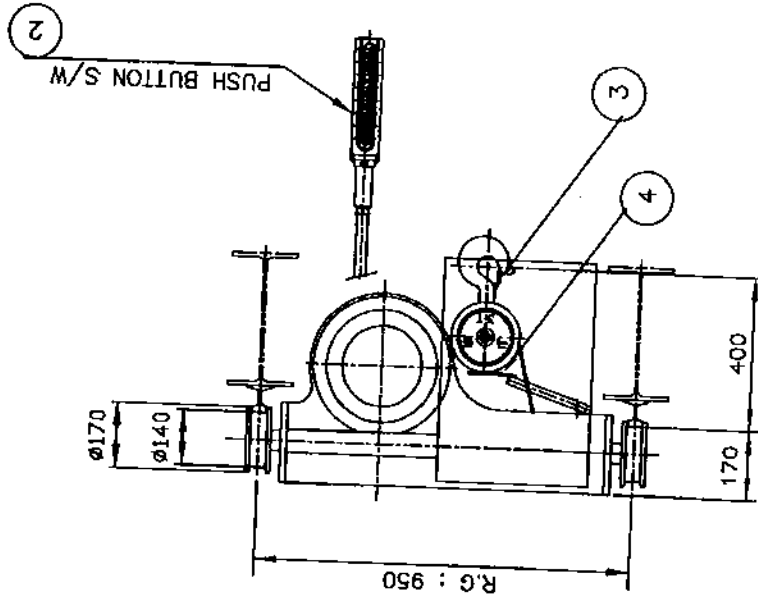


동일형식일람표

사업장명		구동호이스트(주)	개정일자 및 번호		인증번호	
형식		형식 및 모델	동일 형식 인정범위 및 내역		비고	
		모델	권상속도(m/min)	회행속도(m/min)	양정(m)	회행방식
KDC3-DL		KDC3-L6-DL	고속:9.0M/MIN	고속:24M/MIN	6	모터구동식
		KDC3-L9-DL		저속:16M/MIN	9	
		KDC3-L12-DL	CREEP:0.9M/MIN	듀얼고속:24/12M/MIN	12	
				듀얼저속:16/8M/MIN		



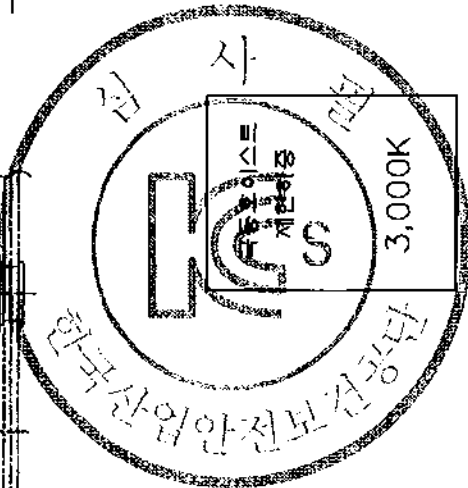
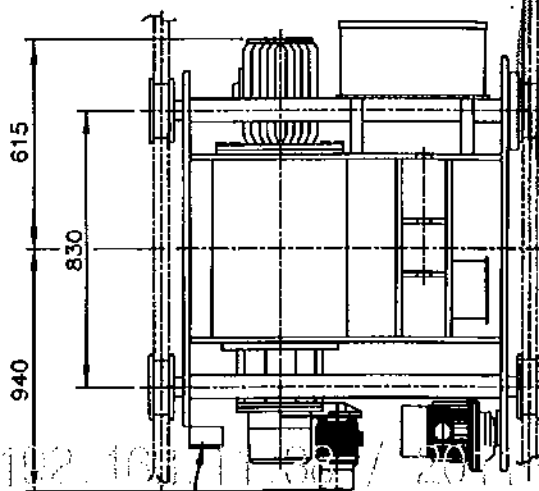
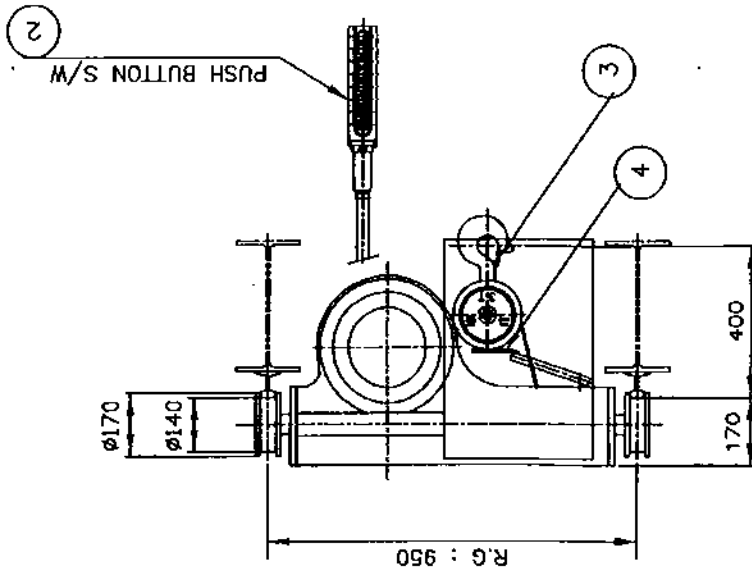
SPECIFICATION				
RATED LOAD		3,000 KG		
TESTING LOAD		3,750 KG		
LIFT		6 M		
RATING		30 MIN		
HOISTING	HIGH	SPEED	9.0/0.9 M/MIN	
		MOTOR	5.5/1.5 KW x 4 P	
TRAVERSING	HIGH	SPEED	24 M/MIN	
		MOTOR	0.75 KW x 4 P	
	LOW	SPEED	16 M/MIN	
		MOTOR	0.5 KW x 6 P	
WIRE ROPE	DUAL HIGH	SPEED	24/12 M/MIN	
		MOTOR	0.8/0.4 KW x 4/8 P	
	DUAL LOW	SPEED	18/8 M/MIN	
		MOTOR	0.5/0.25 KW x 6/12 P	
		(6x37) #9 x 4 FALLS		
POWER SOURCE		AC3# 220V(380,440,480)V 60Hz		
COLOR		10 B 3/5		
WEIGHT		520 KG		



VIEW A

4	UPPER LIMIT S/W	SS400		1																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						</
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SPECIFICATION					
RATED LOAD		3,000		KG	
TESTING LOAD		3,750		KG	
LIFT		9		M	
RATING		30		MIN	
HOISTING	HIGH	SPEED	9.0/0.9 M/MIN		
		MOTOR	5.5/1.5 KW x 4 P		
	HIGH	SPEED	24 M/MIN		
		MOTOR	0.75 KW x 4 P		
	LOW	SPEED	16 M/MIN		
		MOTOR	0.5 KW x 6 P		
TRAVERSING	DUAL	SPEED	24/12 M/MIN		
	HIGH	MOTOR	0.8/0.4 KW x 4/8 P		
	DUAL	SPEED	16/8 M/MIN		
	LOW	MOTOR	0.5/0.25 KW x 6/12 P		
WIRE ROPE		(6x37) Ø9 x 4 FALLS			
POWER SOURCE		AC3Ø 220V(380,440,480)V 60Hz			
COLOR		10 B 3/5			
WEIGHT		560 KG			

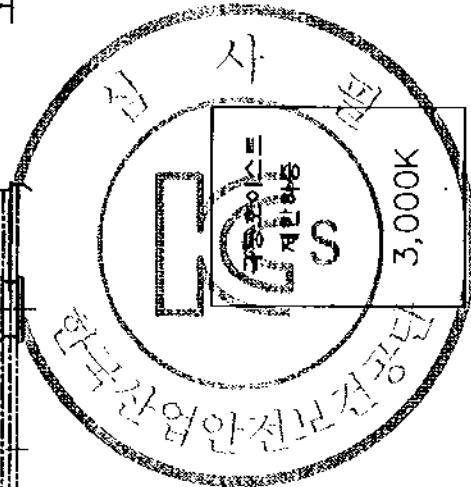
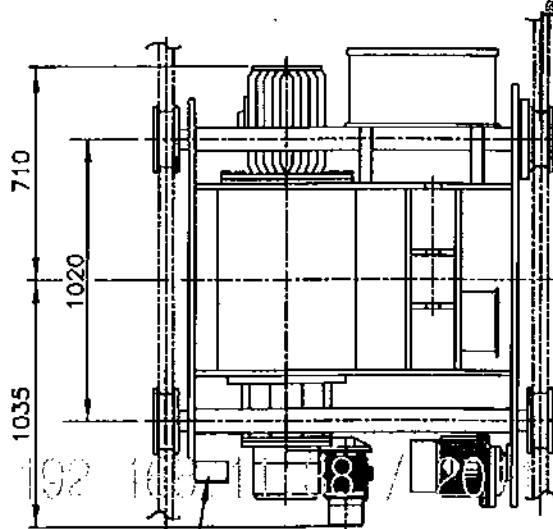
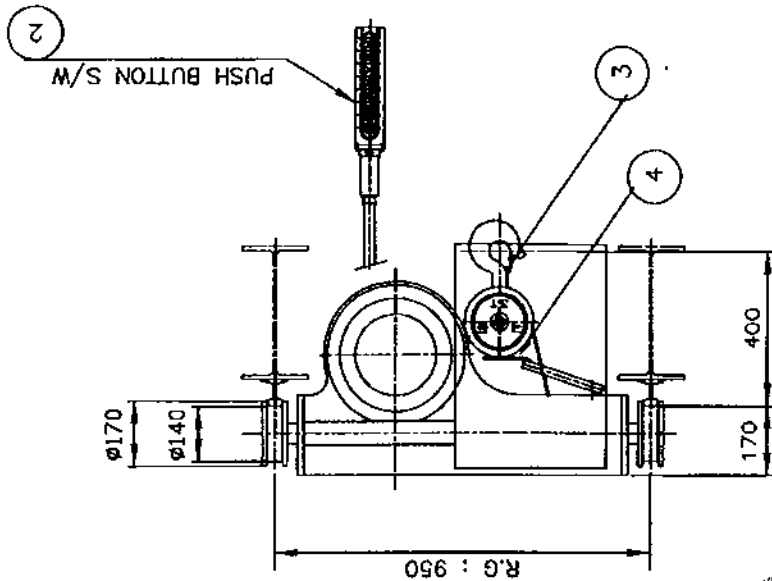


VIEW A

NO.	DESCRIPTION	M/T	SUB TOTAL		TOTAL	REMARKS.
			QTY	WEIGHT(KG)		
4	UPPER LIMIT S/W	SS400	1			
3	SAFETY LATCH	SS400	1			
2	EMERGENCY S/W	—	1			
1	LOAD LIMITER	—	1			
PROJECT						
TITLE			KDC3-L9-DL (9M)		DATE	DIM
DRAWN			ARRANGEMENT DRAWING FOR HOIST		SCALE	PROJECTION
DESIGNED			CHECKED		AS/15	3rd
APPROVED			REF. DRAWING			
KUK DONG HOIST CO., LTD.			SHEET No.		DWG No.	

192.168.11.38 / 2011-11-03 14:44:11

192.168.11.38 / 2011-11-03 14:44:11



VIEW A

SPECIFICATION			
RATED LOAD		3,000	KG
TESTING LOAD		3,750	KG
LIFT		12	M
RATING		30	MIN
HOISTING	HIGH	SPEED	8.0/0.9 M/MIN
		MOTOR	5.5/1.5 KW x 4 P
	HIGH	SPEED	24 M/MIN
		MOTOR	0.75 KW x 4 P
TRAVERSING	LOW	SPEED	16 M/MIN
		MOTOR	0.5 KW x 6 P
	DUAL	SPEED	24/12 M/MIN
	HIGH	MOTOR	0.8/0.4 KW x 4/8 P
	DUAL	SPEED	16/8 M/MIN
	LOW	MOTOR	0.5/0.25 KW x 6/12 P
WIRE ROPE		(5x37) #8 x 4 FALLS	
POWER SOURCE		AC3Ø 220V(380,440,480,480)V 60HZ	
COLOR		10 B 3/5	
WEIGHT		610 KG	

4	UPPER LIMIT S/W	SS400	1				
3	SAFETY LATCH	SS400	1				
2	EMERGENCY S/W	—	1				
1	LOAD LIMITER	—	1				
NO.	DESCRIPTION	MTL	SUB QTY	TOTAL	SUB WEIGHT(kg)	TOTAL	REMARKS
PROJECT					DATE	DIM	
TITLE		KDC3-L12-DL (12M)			SCALE	PROJECTION	
DRAWN		ARRANGEMENT DRAWING FOR HOIST			A3/13	3rd	
		DESIGNED	CHECKED	APPROVED	REF. DRAWING		
 KDK				극동호이스트 주식회사 KUK DONG HOIST CO., LTD.		SHEET No. DWG No.	

DESCRIPTION	SYMBOLS	DESCRIPTION	SYMBOLS	SYMBOLS		DESCRIPTION	SYMBOLS		DESCRIPTION	SYMBOLS
				MAKE	BREAK		MAKE	BREAK		
3 PHASE SQUIRREL CAGE ROTOR INDUCTION MOTOR		NO FUSE BREAKER 2 PHASE				MAGNETIC & RELAY CONTACTOR			PUSHBUTTON SWITCH 1BUTTON 2STEP TYPE	
3 PHASE WOUND ROTOR INDUCTION MOTOR		NO FUSE BREAKER 3 PHASE				ON DELAY TIME CONTACTOR			TOGGLE SWITCH OR SELECTOR SWITCH	
DC. MAG. BRAKE DISK TYPE		EARTH LEAKAGE BREAKER 2 PHASE				OFF DELAY TIME CONTACTOR				
THRUSTOR BRAKE		EARTH LEAKAGE BREAKER 3 PHASE				EOCR OR THERMAL RELAY CONTACTOR				
AC-DC MAG. BRAKE		TRANSFORMER				THERMOSTAT				
SC BRAKE		CURRENT TRANSFORMER				UNIT SWITCH				
EC BRAKE		POTENTIAL TRANSFORMER				PUSHBUTTON SWITCH				
RECTIFIER		FUSE				EMERGENCY PUSHBUTTON SWITCH				
LOAD LIMITER ELECTRICAL TYPE		FUSE WITH CONTACTOR				KEY SWITCH				
ELECTRONIC OVER CURRENT RELAY		TRANSFORMER UNIT				FOOT SWITCH				

[illegible]

DESCRIPTION	SYMBOLS	DESCRIPTION	SYMBOLS	DESCRIPTION	SYMBOLS
WIRE - INTERNAL TO ENCLOSURE	—	CONTROLLER OR REMOTE CONTROLLER CONTACTOR		SOLENOID COIL	
WIRE - EXTERNAL TO ENCLOSURE	- - - - -	UPPER LIMIT SWITCH (LS-II)		RESISTOR	
WIRE NOT CONNECTED	—	THERMAL RELAY		VARIABLE RESISTOR	
WIRE CONNECTED	—	PILOT(SIGNAL) LAMP		SLIP RING	
TERMINAL	—	ROTARY LAMP		CABLE REEL	
GROUND (EARTH)	—	WARNING SIREN		SPACE HEATER	
PLUG & RECEPTACLE	—	BUZZER		SURGE ABSORBER	
MAGNETIC CONTACTOR COIL		ANALYZER		LOAD CELL	
AUX RELAY COIL		VOLT METER		BALLAST WITH RECEPTACLE	
TIMER COIL		FLUORESCENCE LAMP		FAN	

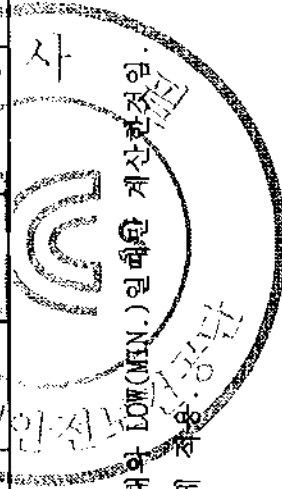
[illegible]

ELECTRICAL SPECIFICATION

POWER SOURCE : AC 3Φ 220V, 380V, 440V, 460V, 480V 60Hz

CONTROL SOURCE : AC 1Φ 110V(120V) 60Hz

OBJECT	MOTOR OUTPUT	220V		380V		440V	460V	480V	440, 460, 480V	REMARK
		STATOR CURRENT	1st CABLE SIZE	STATOR CURRENT	1st CABLE SIZE	STATOR CURRENT	STATOR CURRENT	STATOR CURRENT	1st CABLE SIZE	
MAIN HOIST	5.5KW x 4P 30 MIN	22.80 A	6.0 sq	12.20 A	6.0 sq	10.5 A	10.0 A	9.6 A	4.0 sq	DC MAG. BRAKE
CREEP HOIST	1.5KW x 4P 30 MIN	7.30 A	4.0 sq	4.20 A	4.0 sq	3.7 A	3.5 A	3.4 A	4.0 sq	DC MAG. BRAKE
TRAVERSING	HIGH 0.75KW x 4P 30 MIN	4.10 A	4.0 sq	2.40 A	4.0 sq	2.00 A	2.00 A	1.90 A	4.0 sq	DC MAG. BRAKE 1 DRIVE
	LOW 0.5KW x 6P 30 MIN	3.40 A	4.0 sq	2.00 A	4.0 sq	1.70 A	1.70 A	1.60 A	4.0 sq	DC MAG. BRAKE 1 DRIVE
CONTROL CIRCUIT		2 A	2.5 sq	2 A	2.5 sq	2 A	2 A	2 A	2.5 sq	
LIGHTING & ACC'Y CIRCUIT										
SUB TOTAL (PEAK LOAD)		HIGH 28.90 A	10.0 sq	16.60 A	6.0 sq	14.50 A	14.00 A	13.50 A	6.0 sq	I(A)=M/H + T/S + ASS'Y
SUB TOTAL (NORMAL LOAD)		LOW 28.20 A	10.0 sq	16.20 A	6.0 sq	14.20 A	13.70 A	13.20 A	6.0 sq	I(A)=M/H + T/S + ASS'Y



* 위 계산은 HIGH(MAX.) 일 때와 LOW(MIN.) 일 때만 계산한 것임.

* 위 계산은 LIFT 6, 9, 12M에 적용.

NO	DESCRIPTION	CABLE SIZE
1	MAIN EARTH LINE	USER SCOPE
2	POWER SOURCE	USER SCOPE
3	TROLLEY BAR	USER SCOPE
4	POWER SOURCE WITH EARTH	USER SCOPE
5	HOIST POWER SOURCE WITH EARTH	VCT 1050 x 1C
6	HOISTING MOTOR WITH EARTH	VCT 6.650 x 1C
7	CREEP MOTOR WITH EARTH	VCT 4.050 x 1C
8	TRAVELING MOTOR WITH EARTH	VCT 4.050 x 1C

* CV CABLE 4C용 1C는 EARTH로 사용함.

- NOTE -

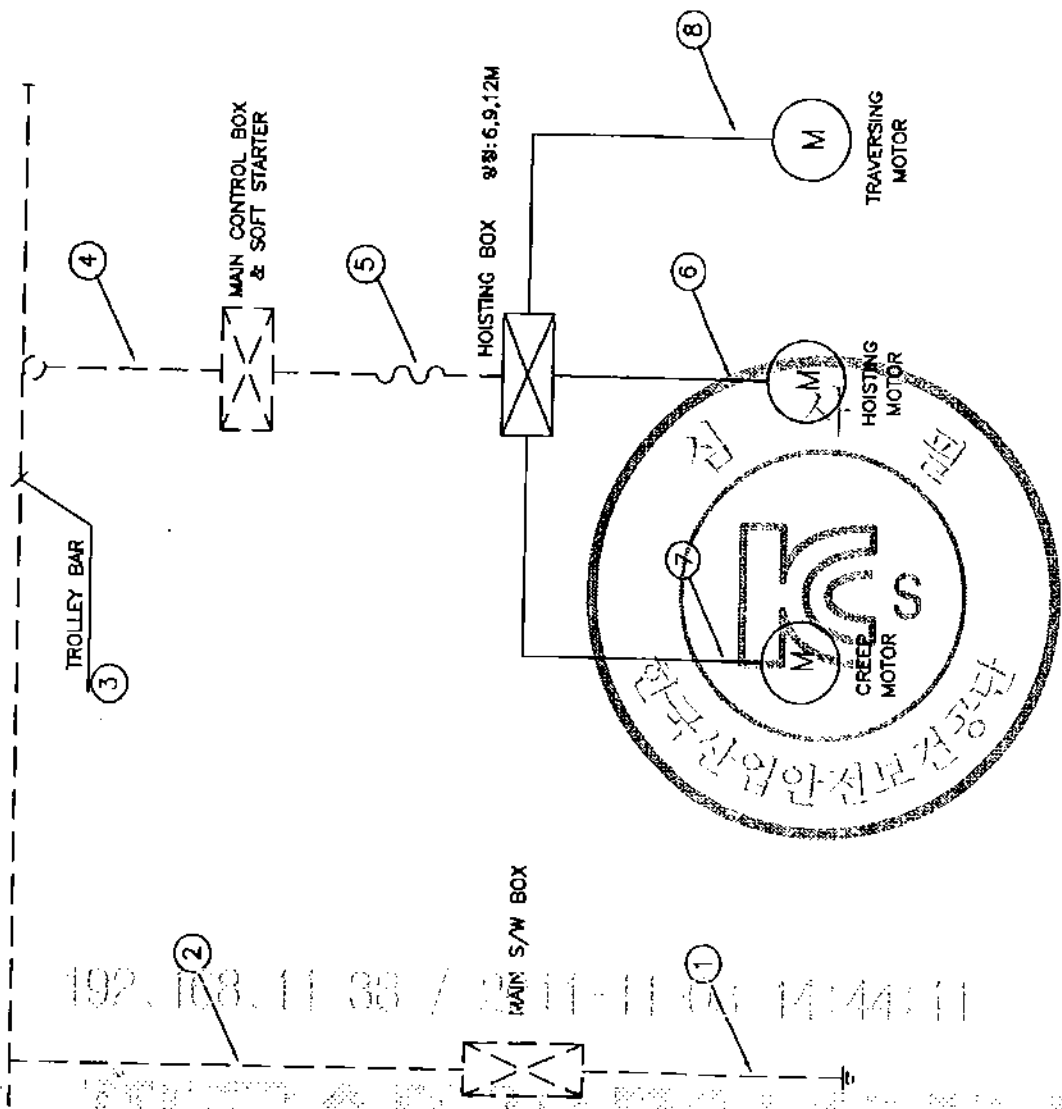
- 전동기 외형, 제어반의 프레임 등은 설치하 여 그 설치 지형은 400V 미터 : 100오름 이하임치.(3층 경 400V 이상 : 10오름 이하임치.(제 3층까지) 2.MAIN S/W BOX는 3층 설치 요.

----- USER SCOPE
----- KUKDONG SCOPE

동전회선지

- 전기장비의 기계의 노출된 모든 도선부는 보호관입회로에 연결되어야 하며 적절한 접지연속성 기능이 유지되어야 함.
- 보호관입회로에는 개폐기, 과전류보호장치가 부착되지 않아야 한다.

시험대상 전선의 최소 유효단면적	최고전압강하(V)
1.0	3.3
1.5	2.6
2.5	1.6
4.0	1.4
>6.0	1.0



NO	DATE	REVISIONS	CHK APP.	CUSTOMER	DRAWING TITLE	DRAWING	DESIGN	CHECKED	APPROVED	SCALE	DATE	ORDER NO.
1					EARTH DETAILS DRAWING					NONE		
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15												
16												
17												
18												
19												
20												



극동호이스트 주식회사
KUK DONG HOIST CO., LTD.

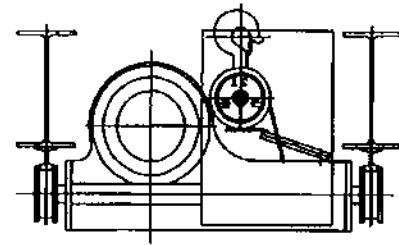
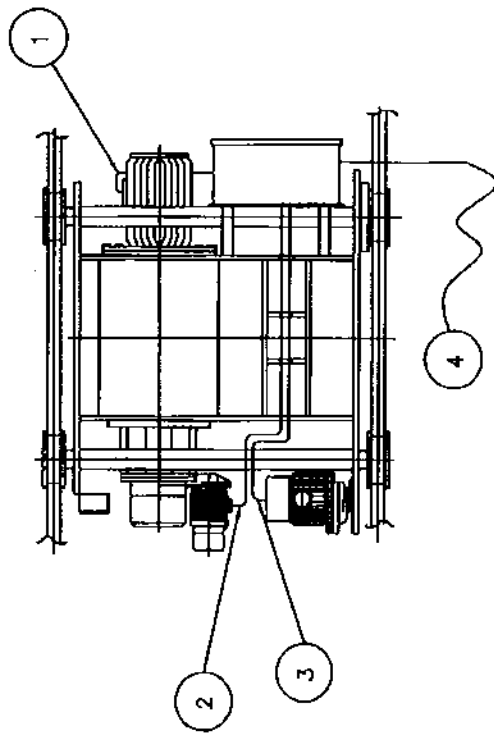
DWG. NO

KDC3-EC000

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* MAIN POWER : AC 3PH 220V,380V,440V,460V,480 60Hz (LIFT 6,9,12M)



본 도면은 EARTH를 명기하기 위한 도면으로
심체 배치와 다를 수 있으며 HOIST 본체와의
EARTH용 CABLE은 REFERENCE임

*3중 접지공사 100Ω 이하 (AC 3PH 400V 미만)
*특3중 접지공사 10Ω 이하 (AC 3PH 400V 이상)

NO	TYPE	CABLE		REMARK
		SIZE	TYPE & SIZE	
1	HOIST VCT	220V 380V 440V 460V 480V	6.0sqx4c 6.0sqx5c VCT	HOIST MOTOR WITH EARTH
2	CREEP VCT		4.0sqx4c 4.0sqx5c VCT	CREEP MOTOR WITH EARTH
3	T/S VCT		4.0sqx4c+2.5sqx3c VCT	T/S MOTOR WITH EARTH
4	MAIN VFCT		10sqx4c 6.0sqx4c VFCT	MAIN POWER WITH EARTH

동전위접지

1. 전기장비와 기계의 노출된 모든 도전부는 보호전위접촉하여 연결되어야 하며 적절한 접지연속성 기능이 유지되어야 함.
2. 보호전위접촉에는 기계기, 과전류보호장치가 부착되지 않아야 함.

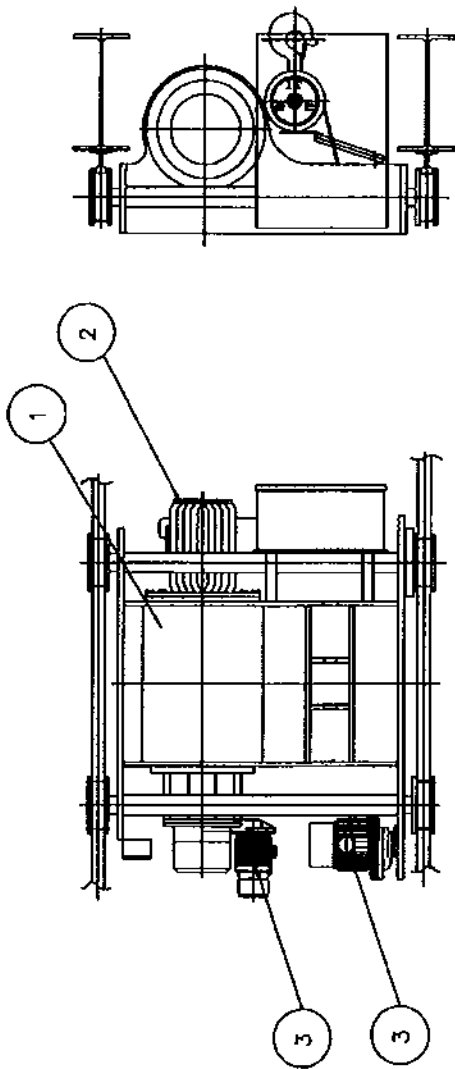
시험대상 전선의 외소 유효단면적	최고전압강하(V)
1.0	3.3
1.5	2.6
2.5	1.6
4.0	1.4
>6.0	1.0

MK	DATE	REVISIONS	CHK.	APP.	CUSTOMER	DRAWING TITLE	GROUND WIRE SYSTEM	DRAWING	DESIGN	CHECKED	APPROVED	SCALE	DATE	ORDER NO.
KDK 동호이스트 주식회사 KUK DONG HOIST CO., LTD.								DWG. NO	KDC3DL0601					

192.168.11.38 / 2011-11-03

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* MAIN POWER : AC 3PH 220V,380V,440V,460V,480 60Hz (LIFT 6.9,12M)



ELECTRIC WIRE ROPE HOIST									
MODEL	KW	1	P TYPE	TENV	min				
CAPACITY	Kg	1	V RATING	40°C					
HOIST SPEED	m/min	1	A AMP. TEMP	F					
HOIST MOTOR	Kw	1	INS. CLASS						
TRAV. SPEED	m/min	1	BEARING						
TRAV. MOTOR	Kw	1	BEARING						
WIDTH OF RAIL	mm	1	DATE						
DATE									
KUKDONG HOIST CO.,LTD									

3 PHASE INDUCTION MOTOR									
KW	P TYPE	TENV							
VOLTS	V RATING	40°C							
AMP.S	A AMP. TEMP	F							
HEARTS	INS. CLASS								
R.P.M	BEARING								
ROTOR	BEARING								
SERIAL	DATE								
KUKDONG HOIST CO.,LTD									

3

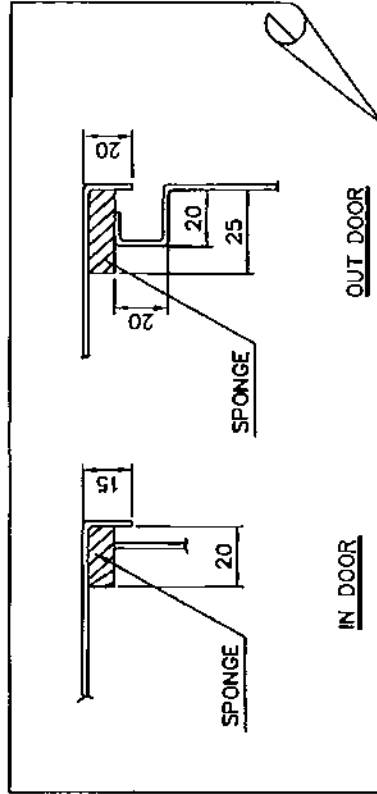
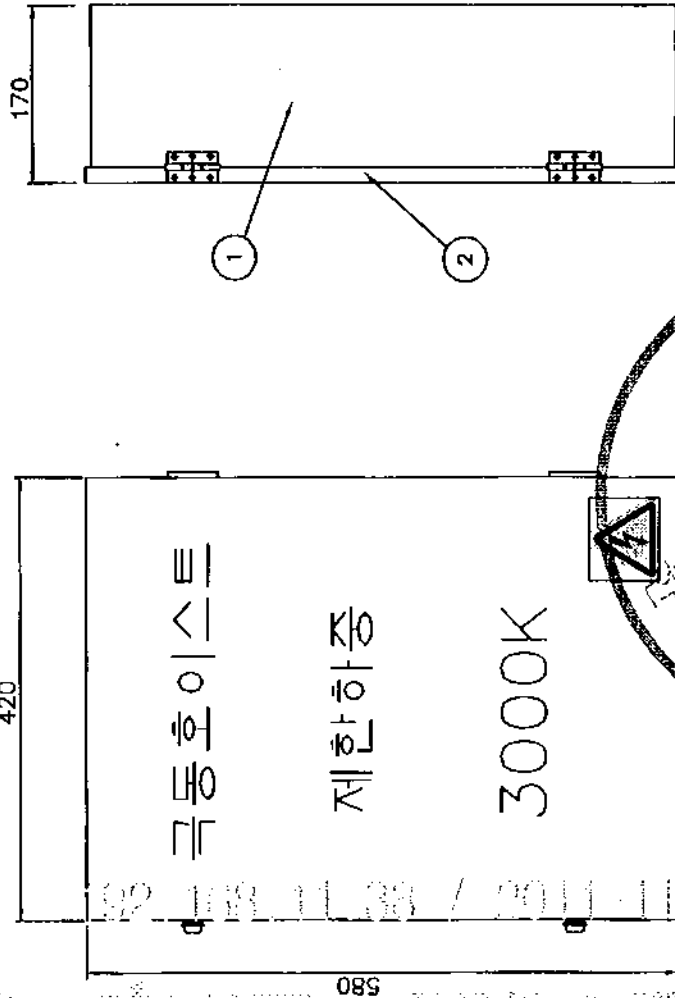
3 PHASE INDUCTION MOTOR									
KW	P TYPE	TENV							
VOLTS	V RATING	40							
AMP.S	A AMP. TEMP	F							
HEARTS	INS. CLASS								
R.P.M	BEARING								
ROTOR	BEARING								
SERIAL	DATE								
KUKDONG HOIST CO.,LTD									

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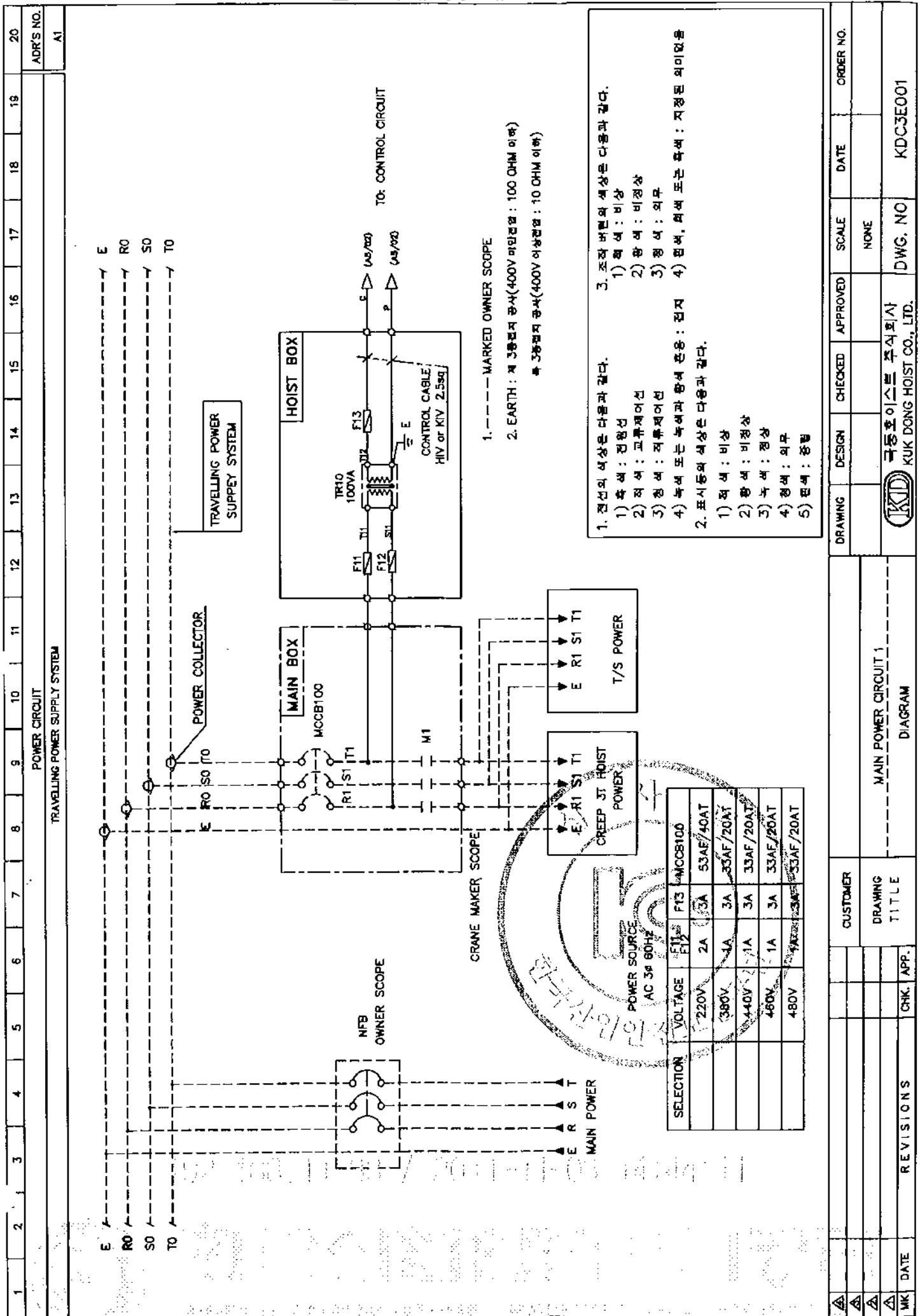
NO	DESCRIPTION	MTL	REMARKS
1	PANEL CASE	SPC	1.6t
2	PANEL COVER	SPC	1.6t
3	HINGE	PUR'	
4	CLAMP	PUR'	
5	SPONGE	PUR'	



NOTE

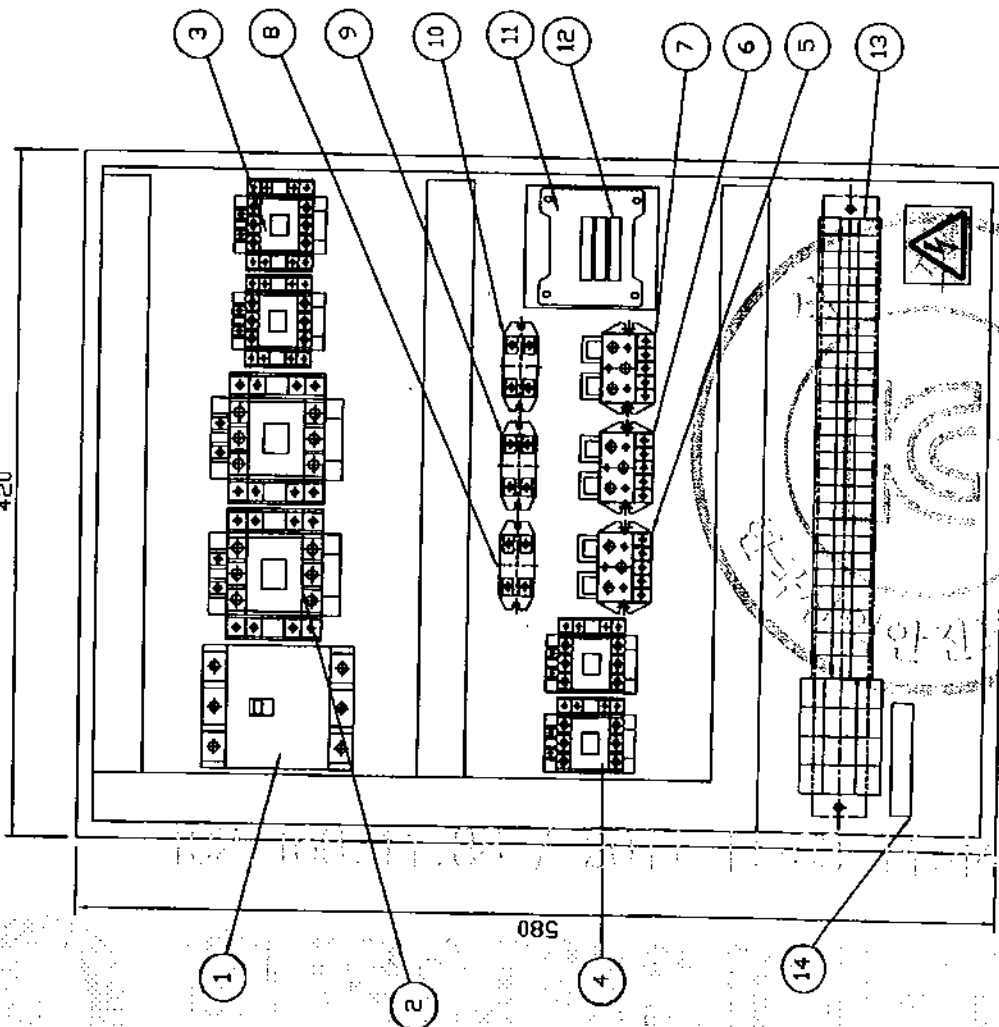
1. PROTECTION DEGREE ;
A. INDOOR TYPE : DUST PROOF
B. OUT DOOR TYPE : SPLASH PROOF
2. FINAL PAINTING COLOR (MUNSELL NO.)
A. IN SIDE : 10B 3/5
B. OUT SIDE : 10B 3/5
3. PAINTING THICKNESS : ABOVE 40 U
4. APPLICATION VOLTAGE : 220V, 380V, 440V, 460V, 480V
5. BOX INSIDE CONTROL CABLE : POWER : 4.0sq KIV. HIV
6. 외함 개방 구조는 다음과 같다.
1) 외함 개방시 운전부분이 차단되도록 한다.
2) 외함 개방 후 충전되어있는 부분은 IP2X 이상의
외접 전압 방호가 되어있을것.

극동호이스트 주식회사 KUK DONG HOIST CO., LTD.	KID	DATE	OK	DRAWN	SHEET NO	QTY	PROJECT	DL 3TON	HOIST CONTROL BOX LAY OUT DRAWING		FIG. NO.	KDC3EB001



1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
																			ADR'S NO.

420



NOTE

1. UPPER LIMIT LS-1, LS-2의 정격 허용 전류 용량 : AC 600V, 75A
2. POWER SOURCE : AC 3 ϕ 220V/60Hz
3. EARTH TERMINAL RESISTANCE 0.01 Ω 이하

NO	SYMBOL	DESCRIPTION	SPECIFICATION	QTY	REMARK
1	MCCB100	NO FUSE BREAKER	53AF/40AT	1	HOISTING
2	M101,102	MAG. CONTACTOR	DM-65C	2	HOISTING
3	M111,112	MAG. CONTACTOR	DM-22C	2	CREEP HOIST
4	M301,302	MAG. CONTACTOR	DM-22C	2	TRAVERSING
5	EOCR100	ELECTRONIC OVER CURRENT RELAY	SS-30	1	HOISTING
6	EOCR110	ELECTRONIC OVER CURRENT RELAY	SS-30	1	CREEP HOIST
7	EOCR300	ELECTRONIC OVER CURRENT RELAY	SS-05	1	TRAVERSING
8	RF100	SILICON RECTIFIER	SR-60	1	HOISTING
9	RF110	SILICON RECTIFIER	SR-30	1	CREEP HOIST
10	RF300	SILICON RECTIFIER	SR-30	1	TRAVERSING
11	TR1	TRANSFORMER	220V/110V, 120V 100VA	1	
12	F11,12,(13)	FUSE	2A, (3A)	2(1)	
13		TERMINAL BLOCK	35A15A	1	
14		EARTH TERMINAL	3 ϕ 20 $\times$ 50	1	

NOTE 1. 전선의 색상은 다음과 같다.

- 1) 흑색 : 그라운드 및 지중 전선으로 5) 청색 : 지중 제어회로
- 2) 적색 : 그라운드 제어회로
- 3) 주황색 : 외부에서 공급되는 전동장치 제어회로
- 4) 녹색 또는 노란색 : 청색 : 접지선

2. CABLE MATERIAL : KVV OR EQUIVALENT

3. 제어용 전선 : 2.5mm KVV/HV

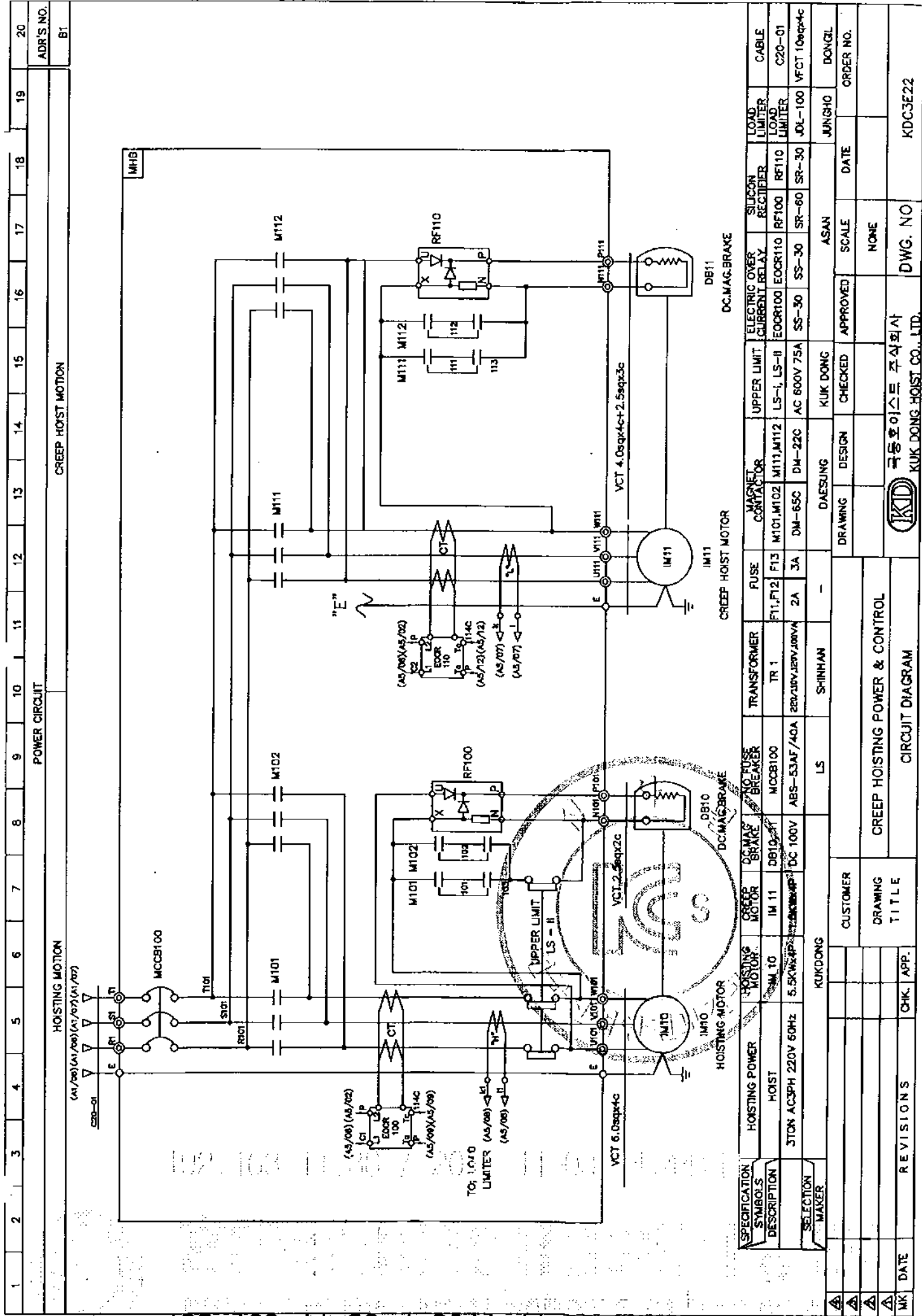
4. 제어시 다스 변경 필수있음.

5. 외장 기밀구조는 다음과 같음.

1) 외장 기밀시 중립부분이 차단되도록 함.

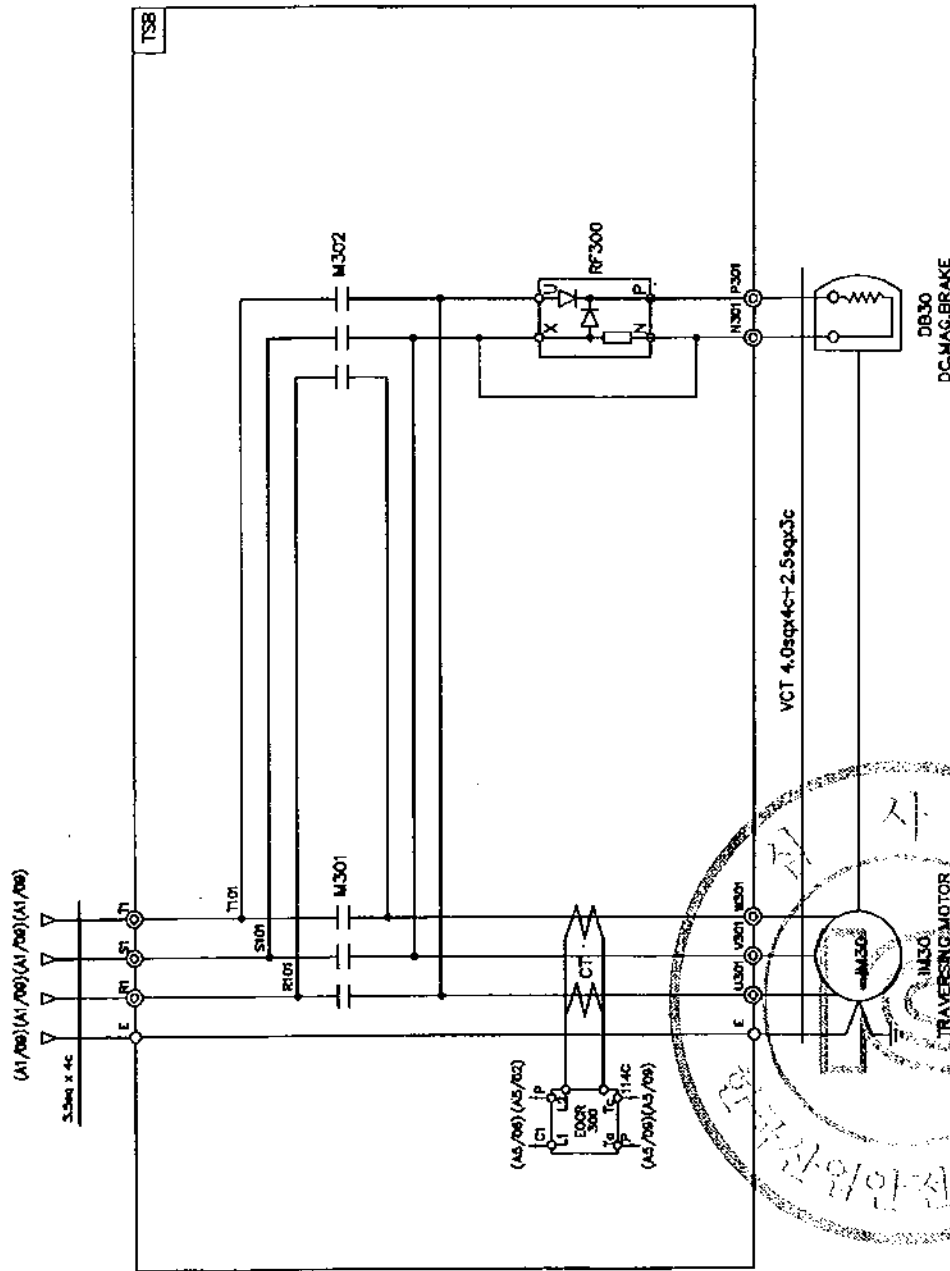
2) 외장 기밀후 습윤되어있는 부분은 IP2X 이상의 피검 결과 통과가 되어있음.

DRAWING	DESIGN	CHECKED	APPROVED	SCALE	DATE	ORDER NO.
				NONE		
KDK KDK 로이스스 주식회사 KDK DONG HOIST CO., LTD.						DWG. NO
HOIST CONTROL BOX						
ARRANGEMENT DRAWING						KD3BA21
DATE	REVISIONS	CHK.	APP.			



SPECIFICATION SYMBOLS		HOISTING POWER		HOISTING MOTOR		DC MAG. BRAKE		TRANSFORMER		FUSE		MAGNET CONTACTOR		UPPER LIMIT		ELECTRIC OVER CURRENT RELAY		SILICON RECTIFIER		LOAD LIMITER		CABLE	
DESCRIPTION		HOIST		IM 10		DB10		TR 1		F11, F12		M101, M102		LS-I, LS-II		EOCR100		RF110		JOL-100		C20-01	
SELECTION MAKER		3TON AC3PH 220V 50Hz		5.5KW4P		DC 100V		ABS-53AF/40A		2A		DM-65C		AC 600V 75A		SS-30		SR-60		JOL-100		VFCT 10sq4c	
CUSTOMER		KUKDONG		LS		SHINHAN		DAESUNG		KUK DONG		DAESUNG		KUK DONG		ASAN		JUNGHO		DONGIL		ORDER NO.	
DRAWING TITLE		CREEP HOISTING POWER & CONTROL		CIRCUIT DIAGRAM		DWG. NO		KDC3E22		DATE		SCALE		APPROVED		NONE		DATE		NONE		DATE	
REVISIONS		CHK. APP.		KUKDONG		KUKDONG		KUKDONG		KUKDONG		KUKDONG		KUKDONG		KUKDONG		KUKDONG		KUKDONG		KUKDONG	
DATE		2011-11-03		14:44:11		192.168.11.38		192.168.11.38		192.168.11.38		192.168.11.38		192.168.11.38		192.168.11.38		192.168.11.38		192.168.11.38		192.168.11.38	

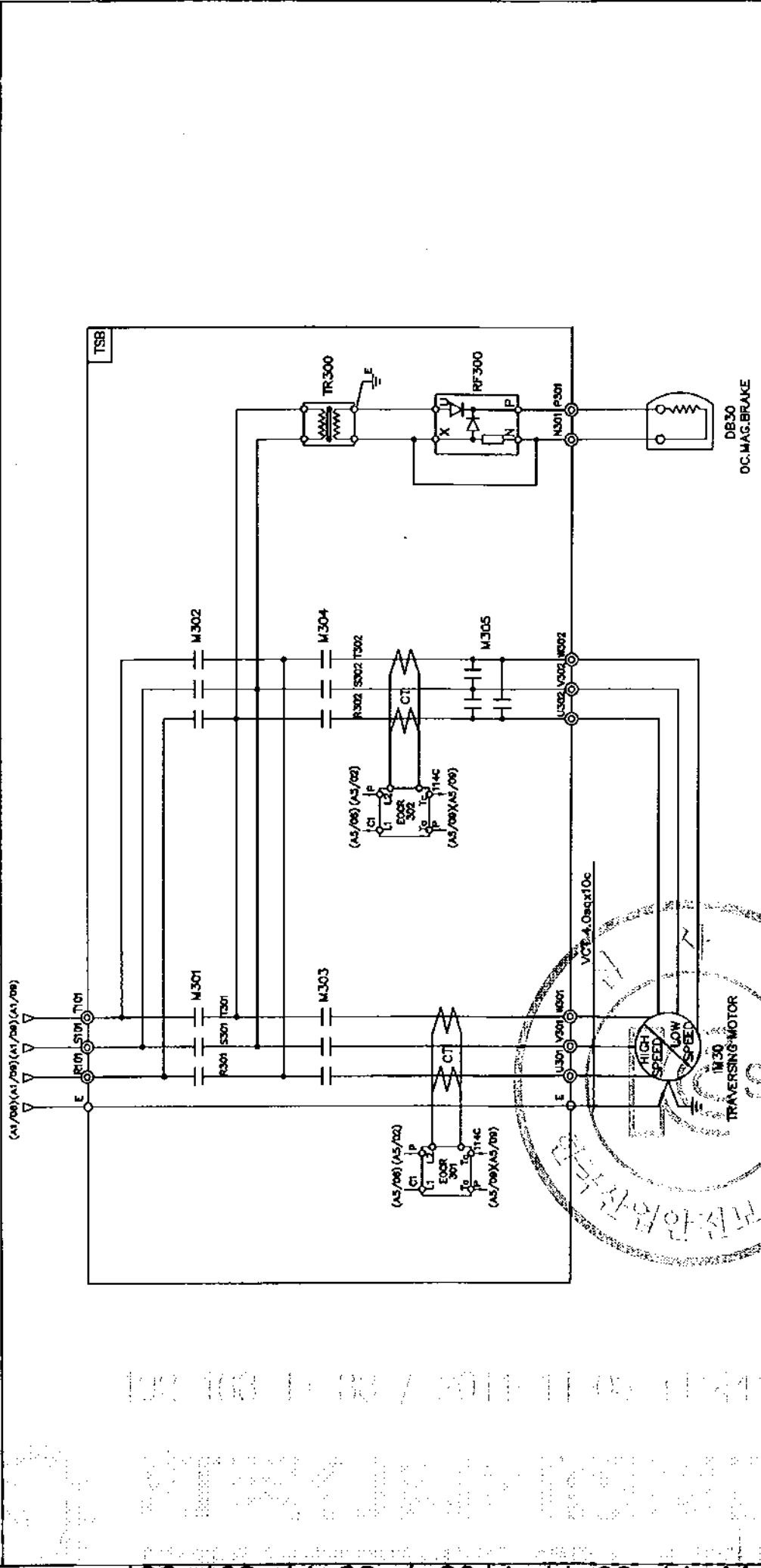
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POWER CIRCUIT																			
TRAVESING MOTION																			
ADR'S NO.																			CI



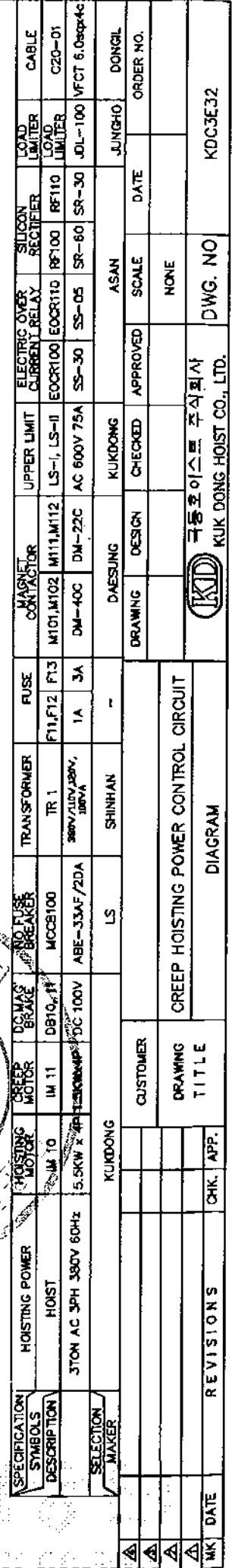
SPECIFICATION		SYMBOLS		DESCRIPTION		DC MAG. BRAKE		MAGNET CONTACTOR		SILICON RECTIFIER		ELECTRIC OVER CURRENT RELAY		LIMIT SWITCH	
IM 30		DB 30		DC 100V		DC 100V		DM-22C		RF 300		ECCR 300		LS-301, LS-302	
0.75KW x 4P AC 3PH 220V 50Hz		DC 100V		DC 100V		DC 100V		DM-22C		SR-30		SS-05		HY - W904	
0.5KW x 6P AC 3PH 220V 60Hz		DC 100V		DC 100V		DC 100V		DM-22C		SR-50		SS-05		HY - W904	
SELECTION		DAESUNG		KUKDONG		KUKDONG		DAESUNG		ASAN					
CUSTOMER		DRAWING		DESIGN		CHECKED		APPROVED		SCALE		DATE		ORDER NO.	
DRAWING TITLE		TRAVESING POWER CONTROL CIRCUIT								NONE					
DATE		REVISIONS		CHK. APP.											
WK															

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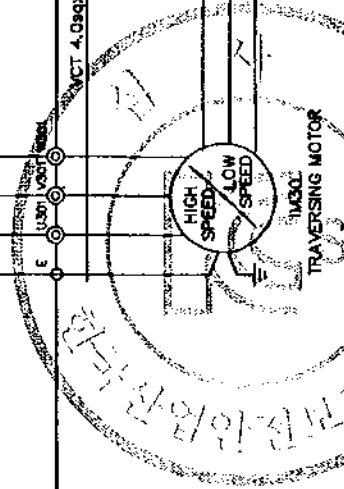
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															ADR'S NO.				



1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20																																																																								
POWER CIRCUIT																																																																																											
TRAVERSING MOTION																																																																																											
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SPECIFICATION		SYMBOLS		DESCRIPTION		TRAVERSING MOTOR		DC MAG. BRAKE		MAGNET CONTACTOR		SILICON RECTIFIER		ELECTRIC OVER CURRENT RELAY		LIMIT SWITCH																																																																											
		IN 30		0.75KW x 4P AC 3PH 380V 60Hz		DB 30		DC 100V		M301, M302		RF 300		EOCR 300		LS-301, LS-302																																																																											
				0.5KW x 6P AC 3PH 380V 60Hz				DC 100V		DOC-22P		SR-30		SS-05		HY - W904																																																																											
										DOC-22P		SR-30		SS-05		HY - W904																																																																											
<table border="1"> <thead> <tr> <th colspan="2">CUSTOMER</th> <th colspan="2">DRAWING TITLE</th> <th colspan="2">REVISIONS</th> <th colspan="2">DATE</th> <th colspan="2">CHK.</th> <th colspan="2">APP.</th> <th colspan="2">REVISIONS</th> <th colspan="2">DATE</th> <th colspan="2">CHK.</th> <th colspan="2">APP.</th> </tr> </thead> <tbody> <tr> <td colspan="2"></td> <td colspan="2">TRAVERSING POWER CONTROL CIRCUIT</td> <td colspan="2"></td> <td colspan="2"></td> <td colspan="2"></td> <td colspan="2"></td> <td colspan="2"></td> <td colspan="2"></td> <td colspan="2"></td> <td colspan="2"></td> </tr> <tr> <td colspan="2"></td> <td colspan="2">DIAGRAM</td> <td colspan="2"></td> <td colspan="2"></td> <td colspan="2"></td> <td colspan="2"></td> <td colspan="2"></td> <td colspan="2"></td> <td colspan="2"></td> <td colspan="2"></td> </tr> </tbody> </table>																				CUSTOMER		DRAWING TITLE		REVISIONS		DATE		CHK.		APP.		REVISIONS		DATE		CHK.		APP.				TRAVERSING POWER CONTROL CIRCUIT																				DIAGRAM																													
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		TRAVERSING POWER CONTROL CIRCUIT																																																																																									
		DIAGRAM																																																																																									
<table border="1"> <thead> <tr> <th colspan="2">DRAWING</th> <th colspan="2">DESIGN</th> <th colspan="2">CHECKED</th> <th colspan="2">APPROVED</th> <th colspan="2">SCALE</th> <th colspan="2">DATE</th> <th colspan="2">ORDER NO.</th> </tr> </thead> <tbody> <tr> <td colspan="2"></td> <td colspan="2"></td> <td colspan="2"></td> <td colspan="2"></td> <td colspan="2">NONE</td> <td colspan="2"></td> <td colspan="2"></td> </tr> </tbody> </table>																				DRAWING		DESIGN		CHECKED		APPROVED		SCALE		DATE		ORDER NO.										NONE																																																	
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								NONE																																																																																			
<table border="1"> <thead> <tr> <th colspan="2">DWG. NO</th> <th colspan="2">KDC3E33</th> </tr> </thead> <tbody> <tr> <td colspan="2"></td> <td colspan="2"></td> </tr> </tbody> </table>																				DWG. NO		KDC3E33																																																																					
DWG. NO		KDC3E33																																																																																									

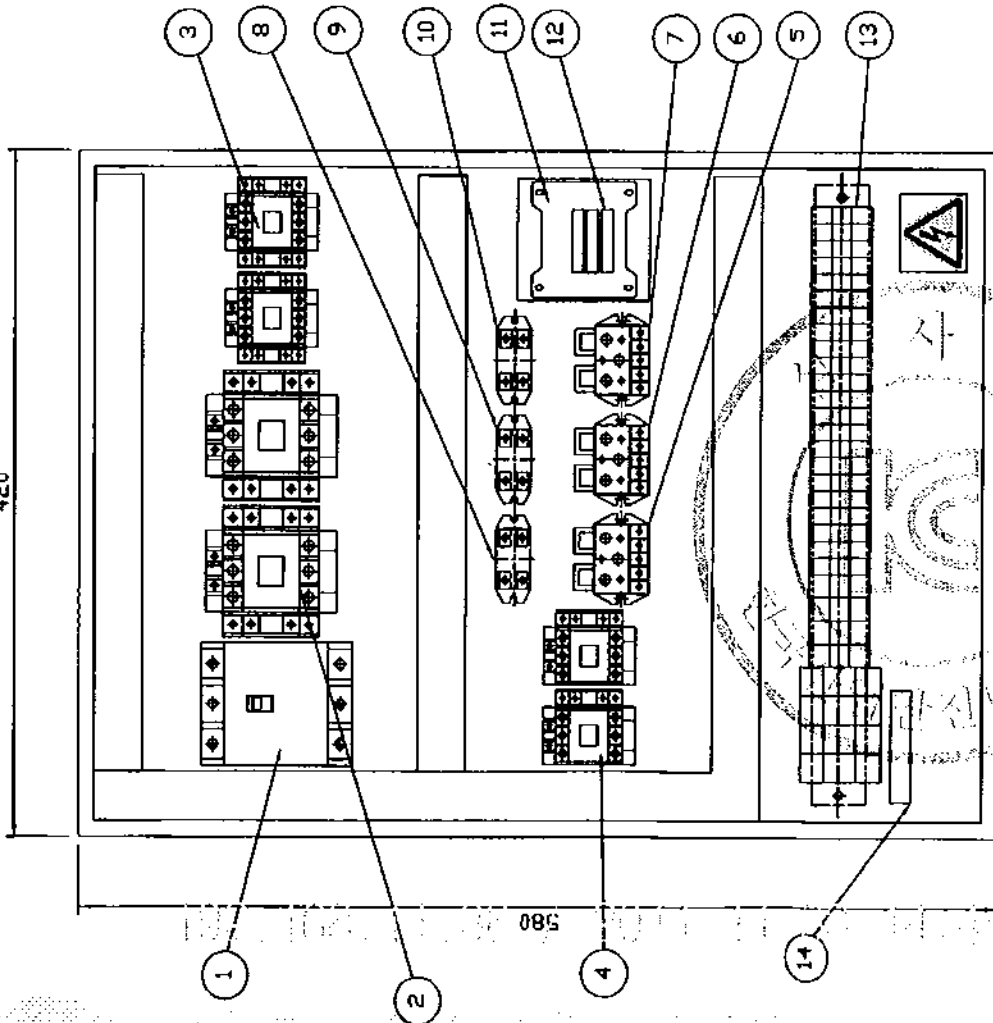
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ADR'S NO.

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NOTE

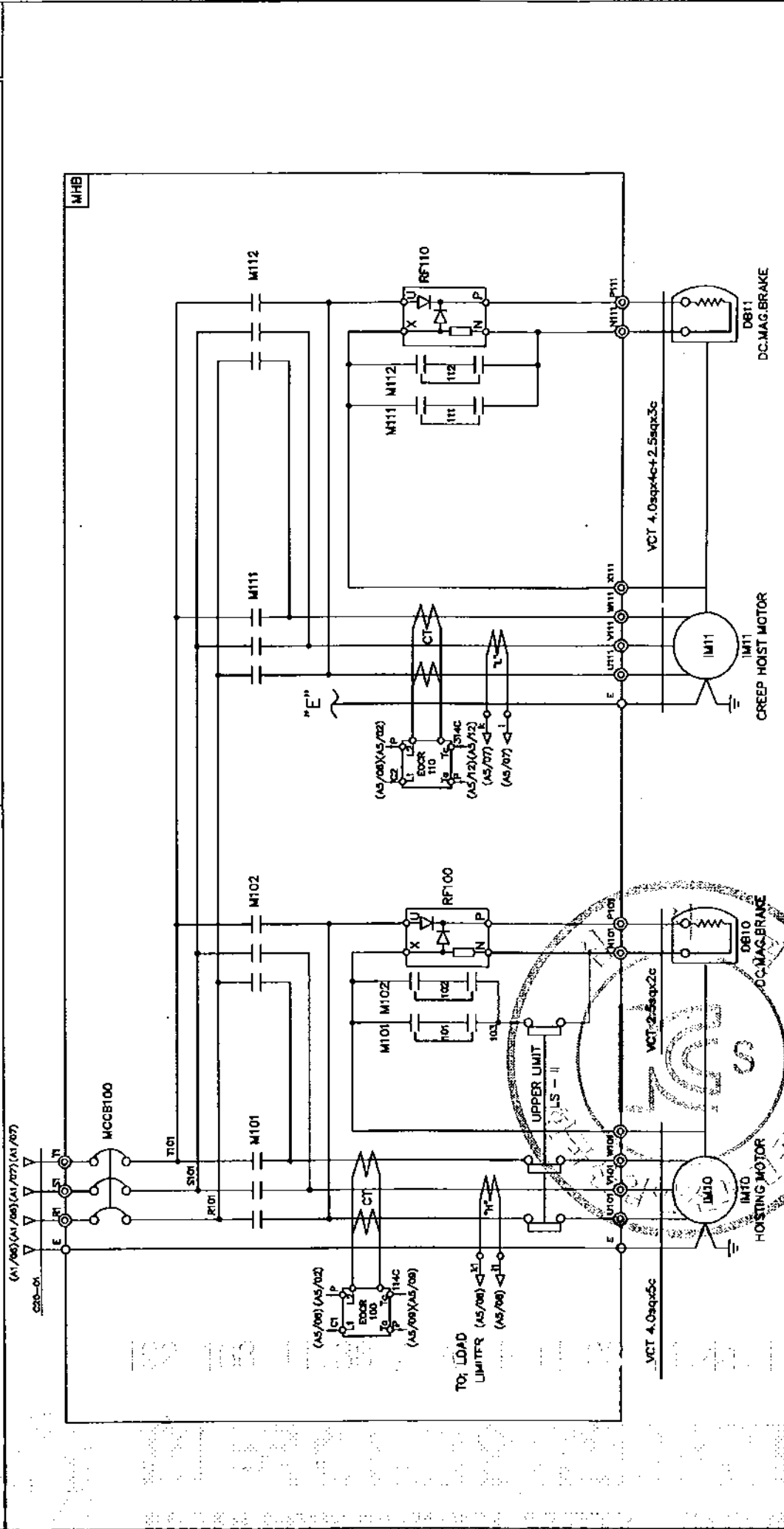
1. UPPER LIMITS-JLS-2의 한쪽 하측 전류 용량 : AC 600V, 75A
2. POWER SOURCE : AC 3φ 440V 60Hz
3. EARTH TERMINAL RESISTANCE: 0.01Ω

NO	SYMBOL	DESCRIPTION	SPECIFICATION	QTY	REMARK
1	MCCB100	NO FUSE BREAKER	33AF/20AT	1	HOISTING
2	M101,102	MAG. CONTACTOR	DM-40C	2	HOISTING
3	M111,112	MAG. CONTACTOR	DM-22C	2	CREEP HOIST
4	M301,302	MAG. CONTACTOR	DM-22C	2	TRAVERSING
5	EOCR100	ELECTRONIC OVER CURRENT RELAY	SS-30	1	HOISTING
6	EOCR110	ELECTRONIC OVER CURRENT RELAY	SS-05	1	CREEP HOIST
7	EOCR300	ELECTRONIC OVER CURRENT RELAY	SS-05	1	TRAVERSING
8	RF100	SILICON RECTIFIER	SR-60	1	HOISTING
9	RF110	SILICON RECTIFIER	SR-30	1	CREEP HOIST
10	RF300	SILICON RECTIFIER	SR-30	1	TRAVERSING
11	TR1	TRANSFORMER	440V/110V, 120V 100VA	1	
12	F11,12,(13)	FUSE	1A, (3A)	2(1)	
13		TERMINAL BLOCK	35A, 15A	1	
14		EARTH TERMINAL	36x20x50	1	

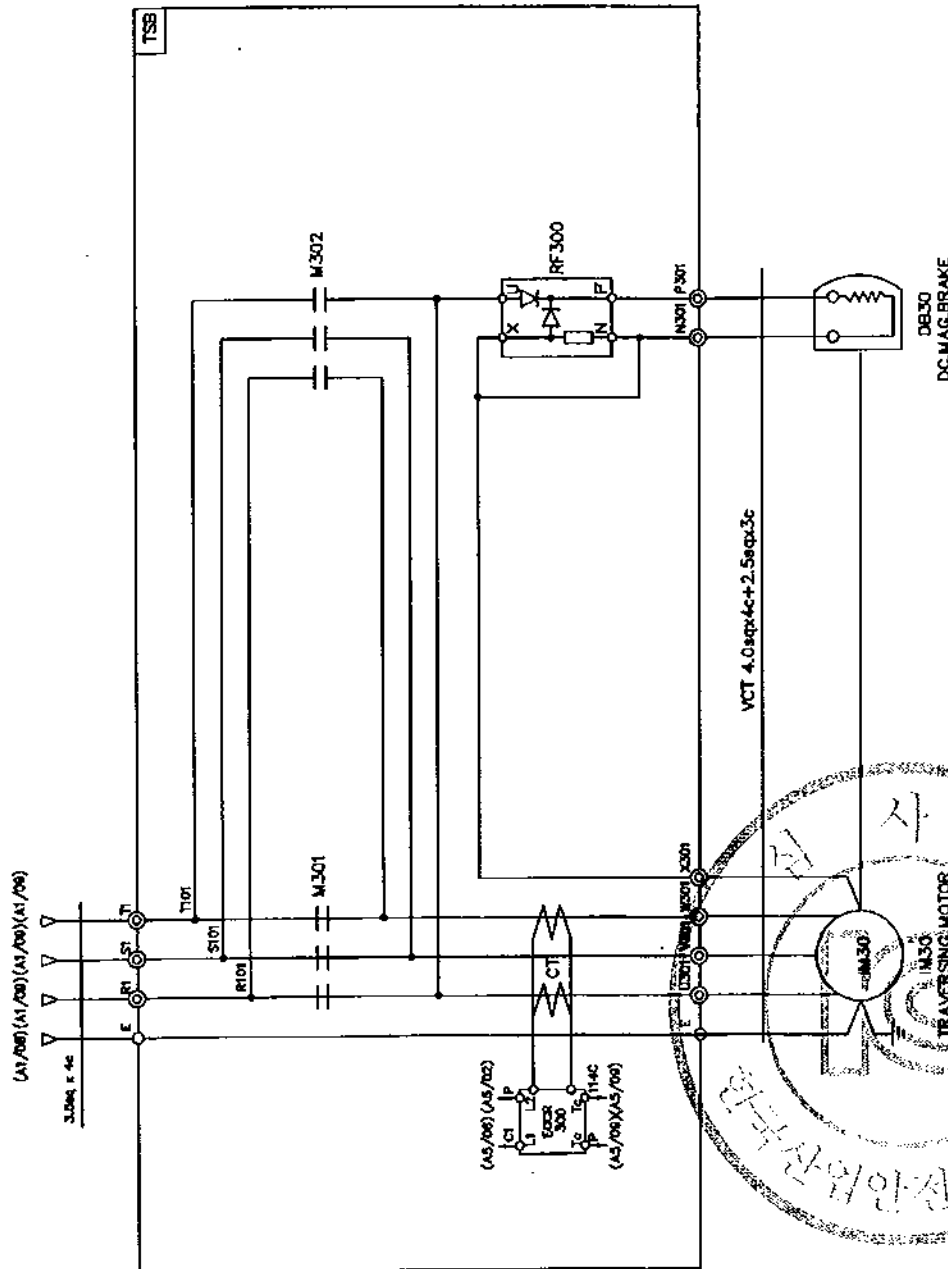
NOTE

1. 전선의 색상은 다음과 같다.
- 1) 흑색 : 그라운드 전선선로 5) 청색 : 리프트 제어피로
- 2) 적색 : 그라운드 제어피로
- 3) 파랑색 : 외부에서 공급되는 연동장치 제어피로
- 4) 녹색 또는 녹색과 황색 혼합 : 접지선
2. CABLE MATERIAL : KIV OR EQUIVALENT
3. 제어용 전선 : 2.5mm KIV,HIV
4. 제어시 디스플레이 필요없음.
5. 외함 개방시 중전류변이 차단되도록 함.
- 1) 외함 개방시 중전류변이 차단되도록 함.
- 2) 외함 개방후 중전류변이 차단되는 부분은 IP2X 이상의 차단 성능을 갖도록 함.

DRAWING	DESIGN	CHECKED	APPROVED	SCALE	DATE	ORDER NO.
				NONE		
HOIST CONTROL BOX						
ARRANGEMENT DRAWING						
KUK DONG HOIST CO., LTD.						KD35A41
DATE	REVISIONS	CHK.	APP.	DWG. NO		

[illegible]

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
POWER CIRCUIT																			
TRAVERSING MOTION																			
ADR'S NO.																			C1



SPECIFICATION SYMBOLS		DESCRIPTION		SELECTION		DRAWING		DESIGN		CHECKED		APPROVED		DATE		ORDER NO.	
TRAVERSING MOTOR		IM 30		DC MAG. BRAKE		MAGNET CONTACTOR		SILICON RECTIFIER		ELECTRIC OVER CURRENT RELAY		LIMIT SWITCH					
0.75KW x 4P AC 3PH 440V 60Hz		DC 100V		M301, M302		RF 300		EOR 300		SS-05		LS-301, LS-302					
0.5KW x 6P AC 3PH 440V 60Hz		DC 100V		DM-22C		SR-30		SS-05		SS-05		HY - W904					
TRAVERSING POWER CONTROL CIRCUIT		DIAGRAM		DAESUNG		ASAN											
CUSTOMER																	
DRAWING TITLE																	
REVISIONS																	
DATE																	
CHK. APP.																	
MK																	

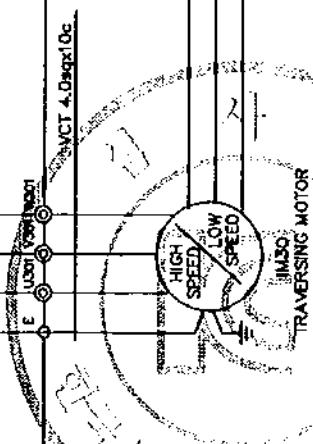
국동호이스트 주식회사
KUK DONG HOIST CO., LTD.



KDC3E43

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- 1) 외형 거형시 승전부본이 차단되도록 함.
- 2) 외형 거형후 승전되어있는 부본은 IP2X 이상의 외형 전압 방호가 되어있을것.

NO	SYMBOL	DESCRIPTION	SPECIFICATION	QTY	REMARK
1	MCCB100	NO FUSE BREAKER	33AF/20AT	1	HOISTING
2	M101,102	MAG. CONTACTOR	DM-40C	2	HOISTING
3	M111,112	MAG. CONTACTOR	DM-22C	2	CREEP HOIST
4	M301,302	MAG. CONTACTOR	DM-22C	2	TRAVERSING
5	EOCR100	ELECTRONIC OVER CURRENT RELAY	SS-30	1	HOISTING
6	EOCR110	ELECTRONIC OVER CURRENT RELAY	SS-05	1	CREEP HOIST
7	EOCR300	ELECTRONIC OVER CURRENT RELAY	SS-05	1	TRAVERSING
8	RF100	SILICON RECTIFIER	SR-60	1	HOISTING
9	RF110	SILICON RECTIFIER	SR-30	1	CREEP HOIST
10	RF300	SILICON RECTIFIER	SR-30	1	TRAVERSING
11	TR1	TRANSFORMER	460V/110V,120V 100VA	1	
12	F11,12,(13)	FUSE	1A , (3A)	2(1)	
13		TERMINAL BLOCK	35A,15A	1	
14		EARTH TERMINAL	3x20x50	1	

NOTE

1. 전선의 역상은 다음과 같다.

1) 북역 : 그와 및 북극 전선으로 5) 중역 : 북극 전선으로

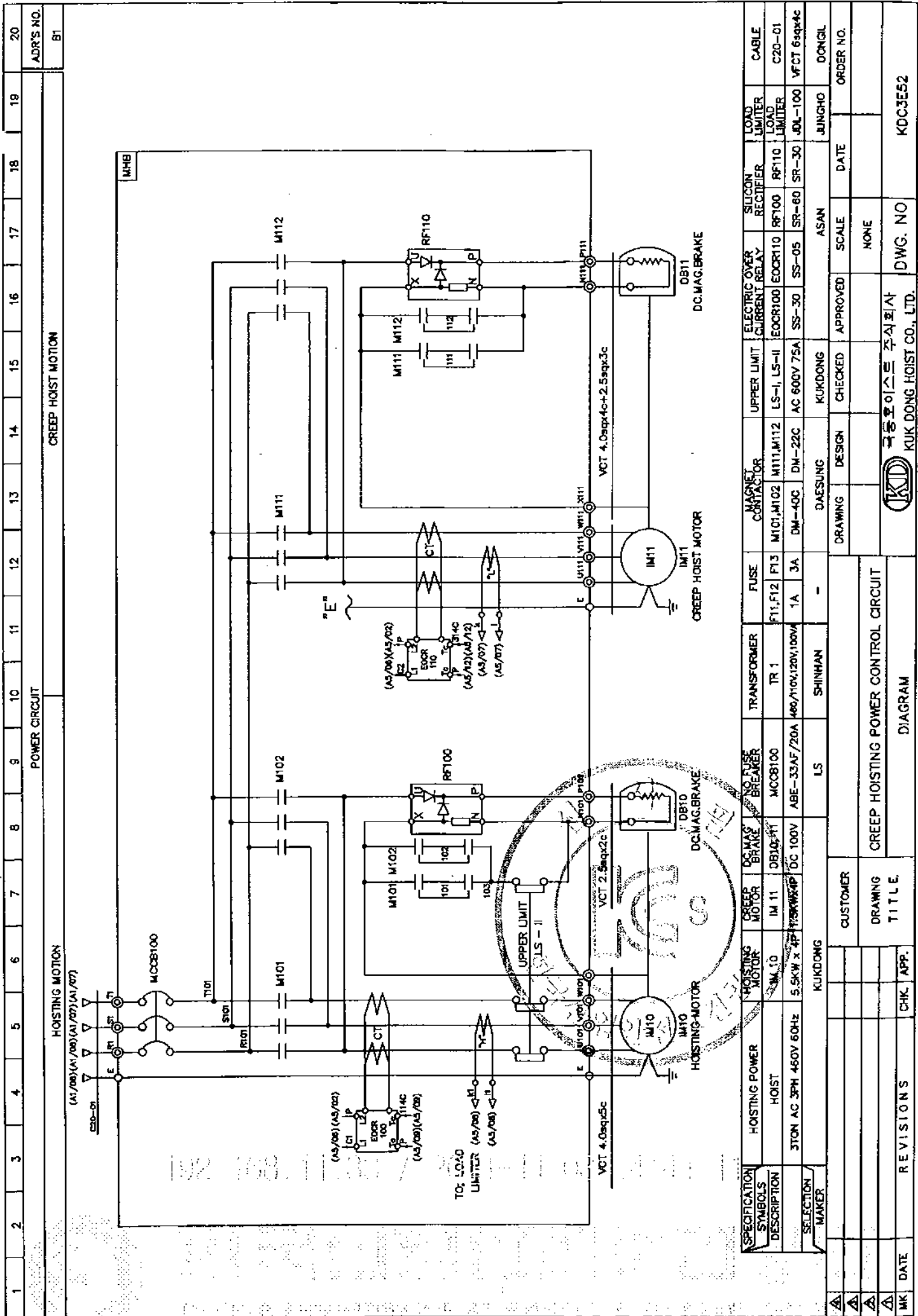
2) 중역 : 그와 전선으로

3) 중역 : 그와 전선으로

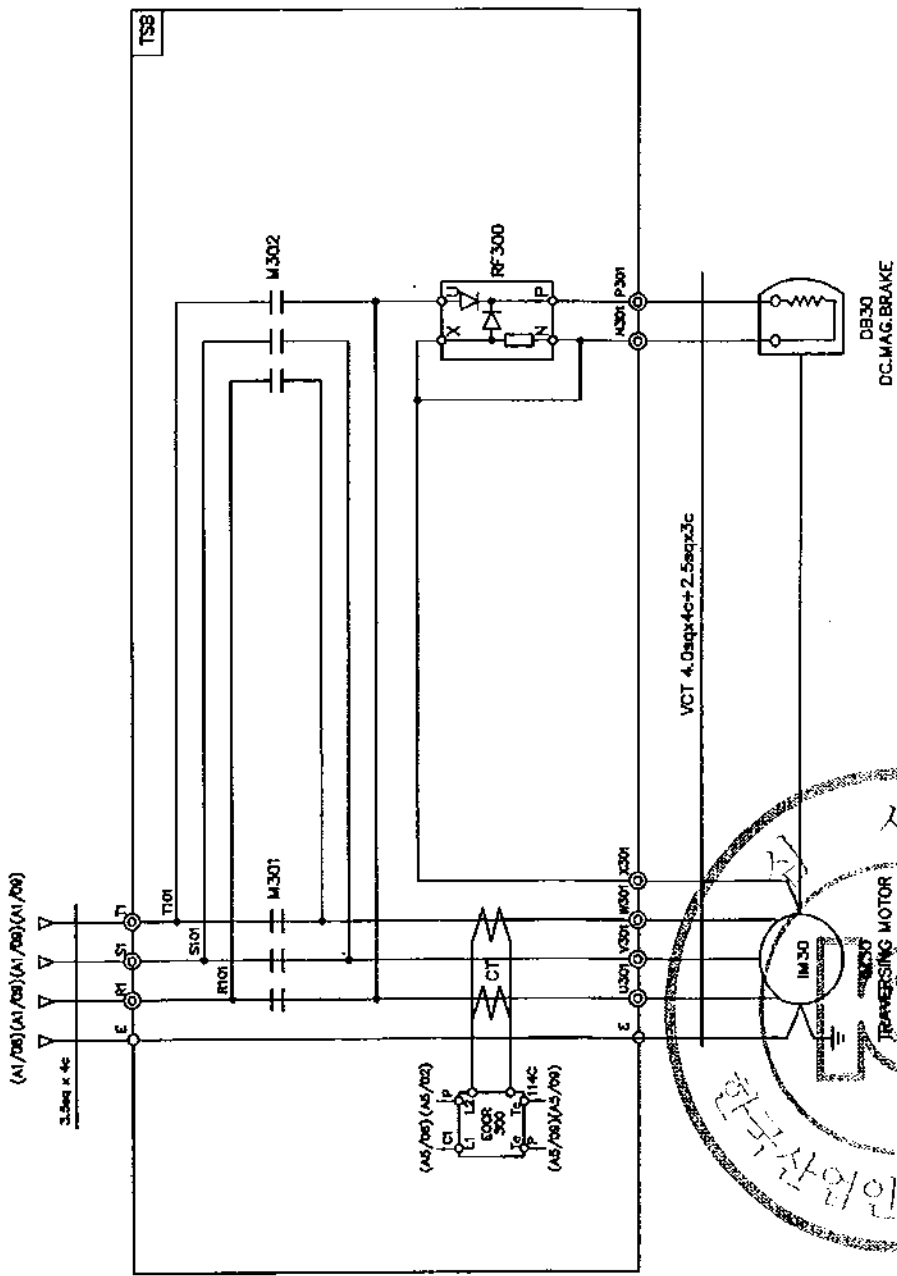
4) 북역 또는 북극 전선으로

2. CABLE MATERIAL : F KIV OR EQUIVALENT

[illegible]



1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
POWER CIRCUIT																			
TRAVERSING MOTION																			
ADR'S NO.																			C1

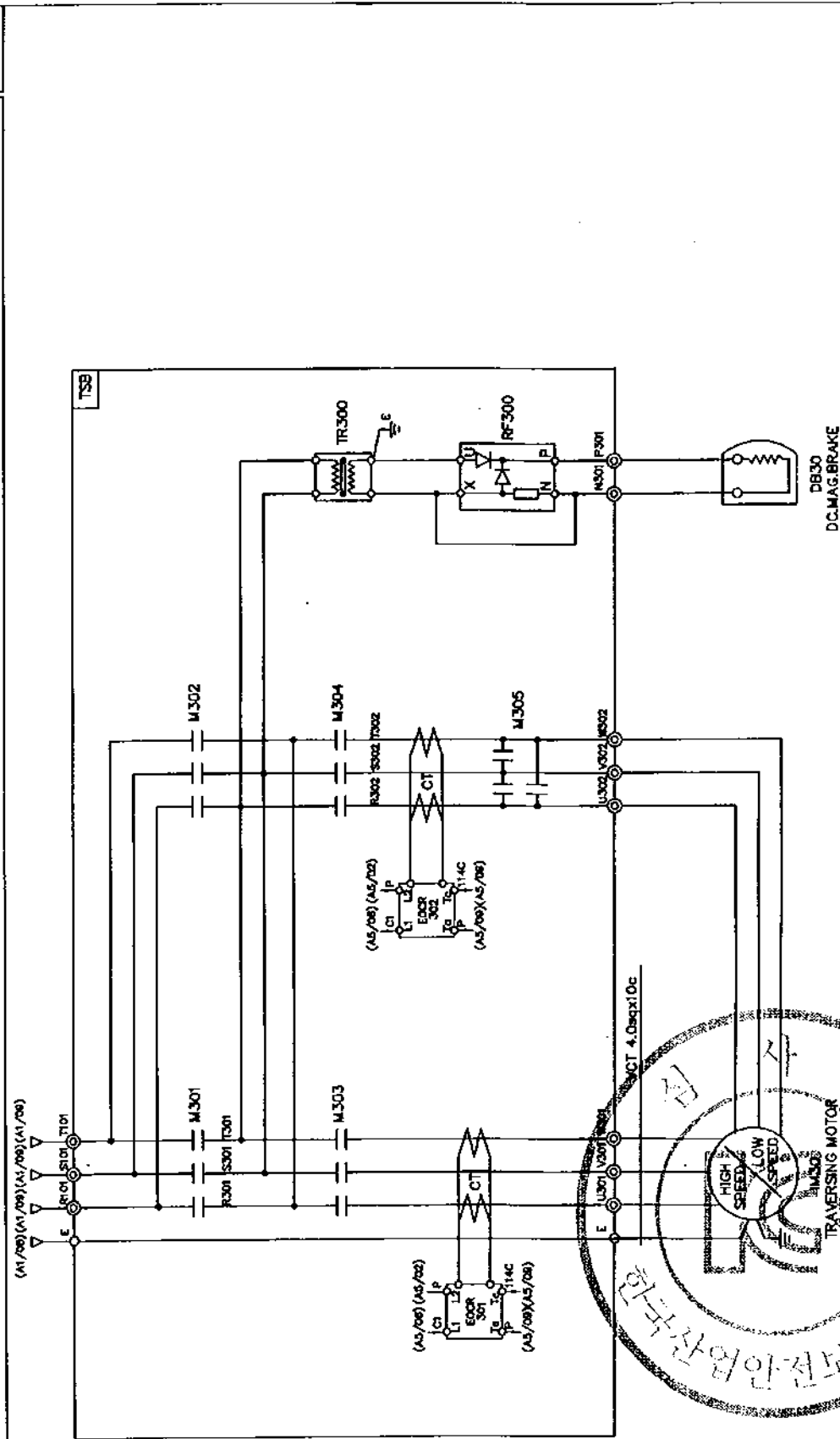


SPECIFICATION		SYMBOLS		DESCRIPTION		DC MAG. BRAKE		TRAVERSING MOTOR		MAGNET CONTACTOR		SILICON RECTIFIER		ELECTRIC OVER CURRENT RELAY		LIMIT SWITCH	
IM 30		DB 30		M301, M302		RF 300		LS-301, LS-302		SS-05		HY - W904		HY - W904		HY - W904	
0.75KW x 4P AC 3PH 460V 60Hz		DC 100V		DM-22C		SR-30		SS-05		SS-05		SS-05		SS-05		SS-05	
0.5KW x 6P AC 3PH 460V 60Hz		DC 100V		DM-22C		SR-30		SS-05		SS-05		SS-05		SS-05		SS-05	
460V		460V		460V		460V		460V		460V		460V		460V		460V	
KUKDONG		KUKDONG		KUKDONG		KUKDONG		KUKDONG		KUKDONG		KUKDONG		KUKDONG		KUKDONG	
DAESUNG		DAESUNG		DAESUNG		DAESUNG		DAESUNG		DAESUNG		DAESUNG		DAESUNG		DAESUNG	
ASECO		ASECO		ASECO		ASECO		ASECO		ASECO		ASECO		ASECO		ASECO	
CUSTOMER		CUSTOMER		CUSTOMER		CUSTOMER		CUSTOMER		CUSTOMER		CUSTOMER		CUSTOMER		CUSTOMER	
DRAWING TITLE		DRAWING TITLE		DRAWING TITLE		DRAWING TITLE		DRAWING TITLE		DRAWING TITLE		DRAWING TITLE		DRAWING TITLE		DRAWING TITLE	
TRAVERSING POWER CONTROL CIRCUIT		TRAVERSING POWER CONTROL CIRCUIT		TRAVERSING POWER CONTROL CIRCUIT		TRAVERSING POWER CONTROL CIRCUIT		TRAVERSING POWER CONTROL CIRCUIT		TRAVERSING POWER CONTROL CIRCUIT		TRAVERSING POWER CONTROL CIRCUIT		TRAVERSING POWER CONTROL CIRCUIT		TRAVERSING POWER CONTROL CIRCUIT	
DIAGRAM		DIAGRAM		DIAGRAM		DIAGRAM		DIAGRAM		DIAGRAM		DIAGRAM		DIAGRAM		DIAGRAM	
KUKDONG HOIST CO., LTD.		KUKDONG HOIST CO., LTD.		KUKDONG HOIST CO., LTD.		KUKDONG HOIST CO., LTD.		KUKDONG HOIST CO., LTD.		KUKDONG HOIST CO., LTD.		KUKDONG HOIST CO., LTD.		KUKDONG HOIST CO., LTD.		KUKDONG HOIST CO., LTD.	
KDC3E53		KDC3E53		KDC3E53		KDC3E53		KDC3E53		KDC3E53		KDC3E53		KDC3E53		KDC3E53	

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1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
POWER CIRCUIT																			ADR'S NO.
TRAVERSING MOTION																			C2



SPECIFICATION SYMBOLS	TRAVERSING MOTOR	DC MAG. BRAKE	MAGNET CONTACTOR	SILICON RECTIFIER	ELECTRIC OVER CURRENT RELAY	TRANSFORMER
DESCRIPTION	IM 30	DB30	M301, M302, M303, M304, M305	RF 300	EOCR 301, 302	TR300
	0.5/025KW/4P AC3PH 460V 60Hz	DC 100V	DM-22C	SR-30	SS-05	AC460/220V, 300VA
SELECTION MARKER	460V	DC 100V	DM-22R	SR-30	SS-05	AC460/220V, 300VA
DAESUNG						SHINHAN
KUKDONG						
CUSTOMER						ORDER NO.
DRAWING TITLE						
TRAVERSING POWER CONTROL CIRCUIT						
REVISIONS						DWG. NO
DATE						KDC3E55
CHK. APP.						



구동호이스트 주식회사
KUK DONG HOIST CO., LTD.

SCALE

DATE

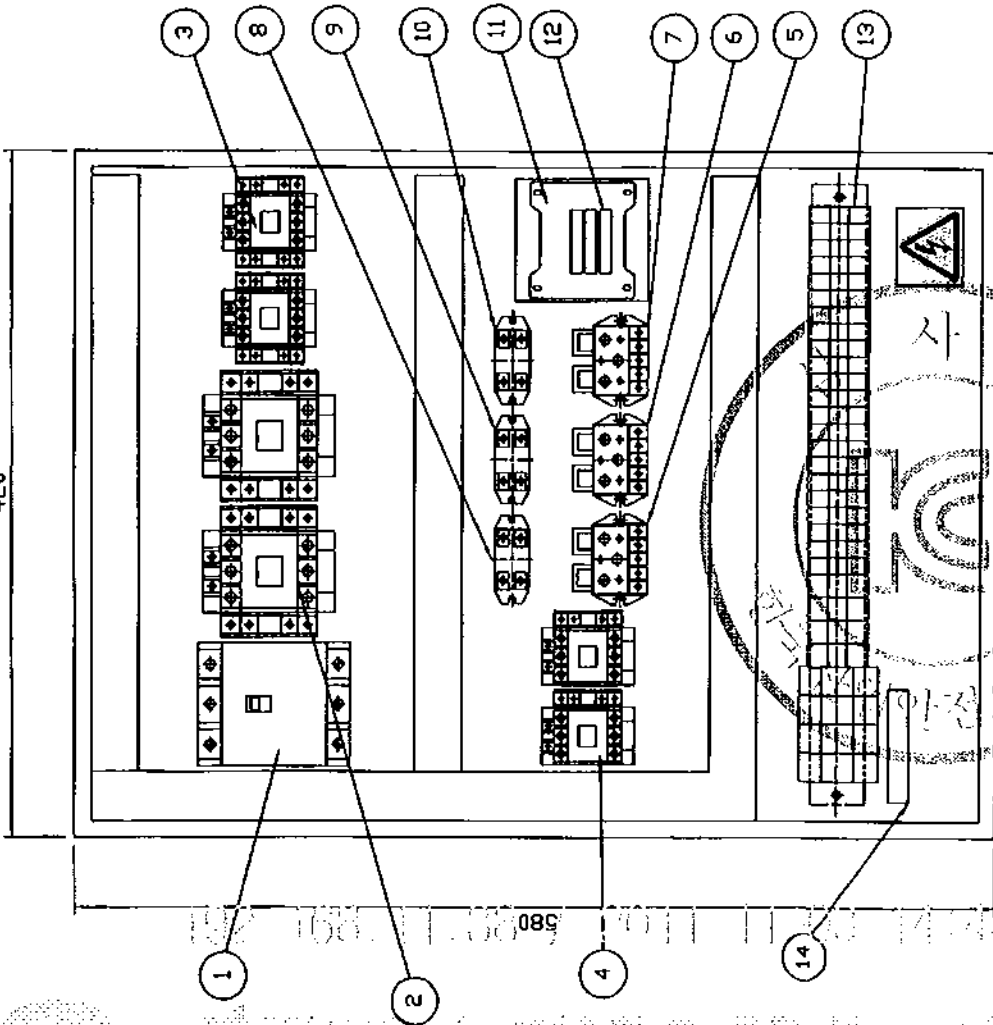
ORDER NO.

192.168.11.38 / 2011-11-03 14:44:11

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1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
																			ADR'S NO.

420



NOTE

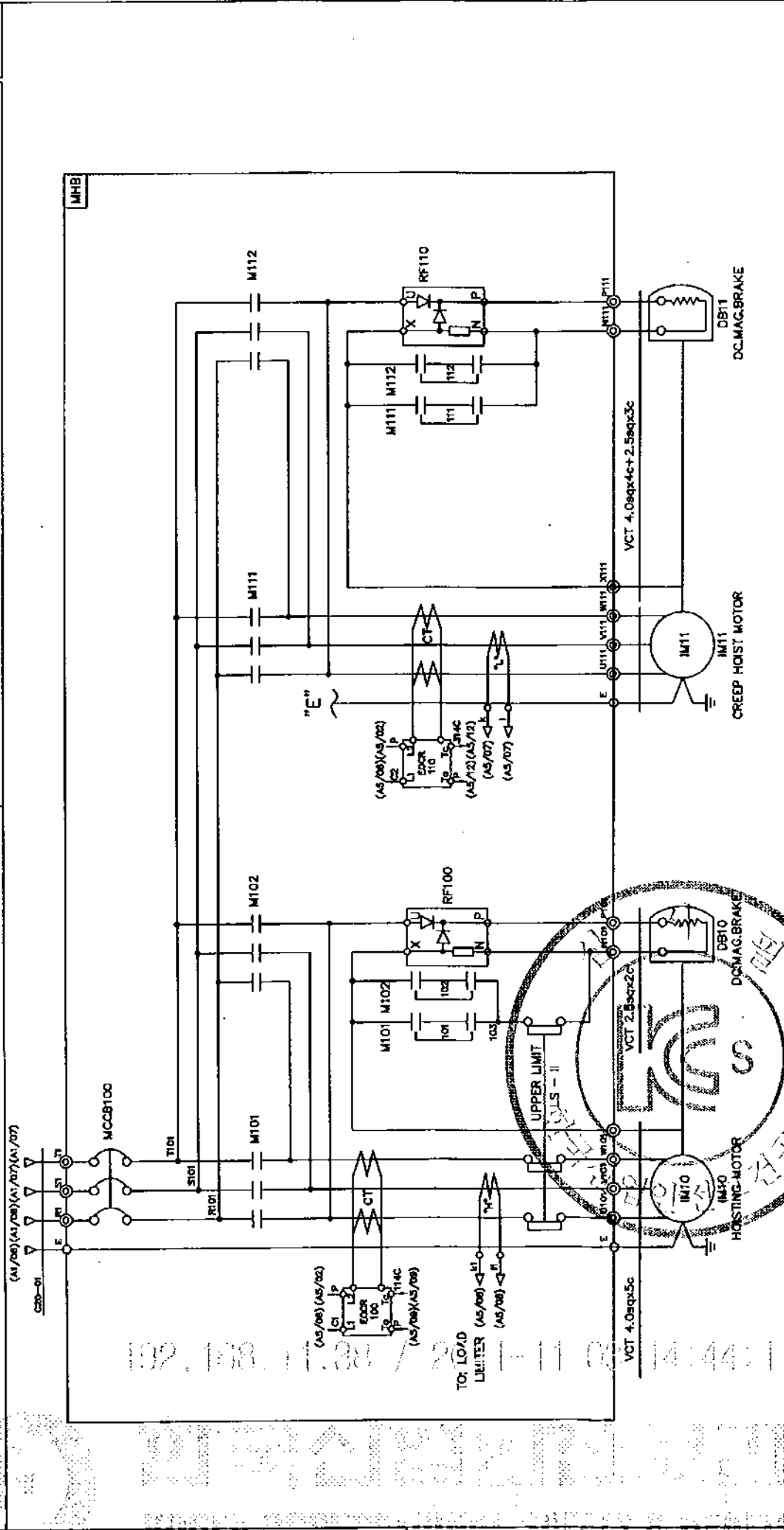
1. UPPER LIMIT LS-1LS-2차/정격 리프트 용량 : AC 600V, 75A
2. POWER SOURCE : AC 3φ 480V 60Hz
3. EARTH TERMINAL RESISTANCE 0.018Ω

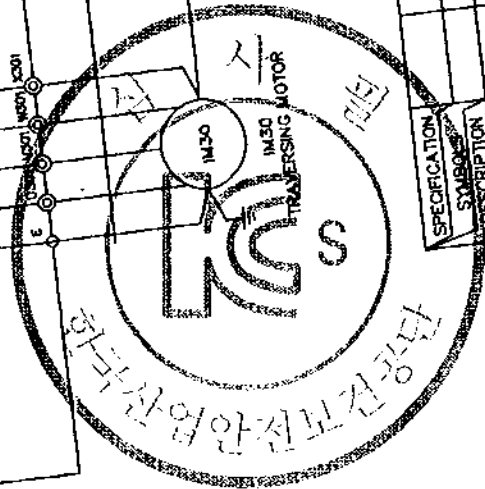
NO	SYMBOL	DESCRIPTION	SPECIFICATION	QTY	REMARK
1	MCCB100	NO FUSE BREAKER	33AF/20AT	1	HOISTING
2	M101,102	MAG. CONTACTOR	DM-40C	2	HOISTING
3	M111,112	MAG. CONTACTOR	DM-22C	2	CREEP HOIST
4	M301,302	MAG. CONTACTOR	DM-22C	2	TRAVERSING
5	EOCR100	ELECTRONIC OVER CURRENT RELAY	SS-30	1	HOISTING
6	EOCR110	ELECTRONIC OVER CURRENT RELAY	SS-05	1	CREEP HOIST
7	EOCR300	ELECTRONIC OVER CURRENT RELAY	SS-05	1	TRAVERSING
8	RF100	SILICON RECTIFIER	SR-60	1	HOISTING
9	RF110	SILICON RECTIFIER	SR-30	1	CREEP HOIST
10	RF300	SILICON RECTIFIER	SR-30	1	TRAVERSING
11	TR1	TRANSFORMER	480V/110V, 120V 100VA	1	
12	F11,12,(13)	FUSE	1A, (3A)	2(1)	
13		TERMINAL BLOCK	35A, 15A	1	
14		EARTH TERMINAL	36x20x50	1	

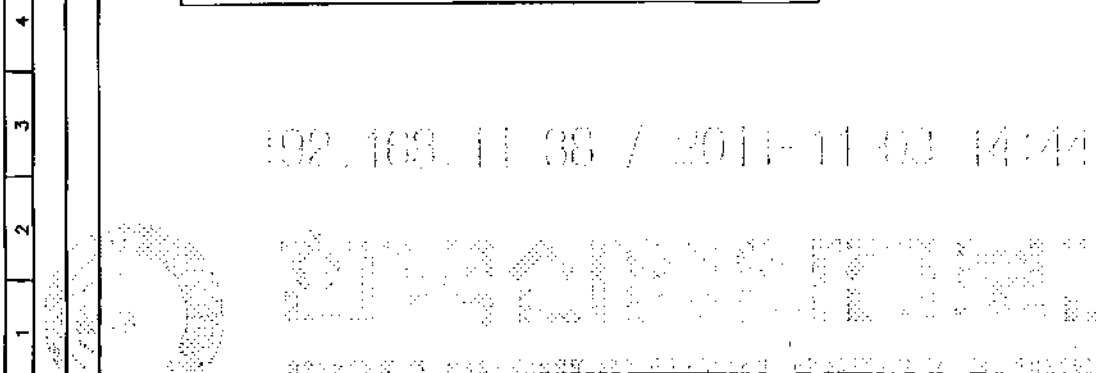
NOTE

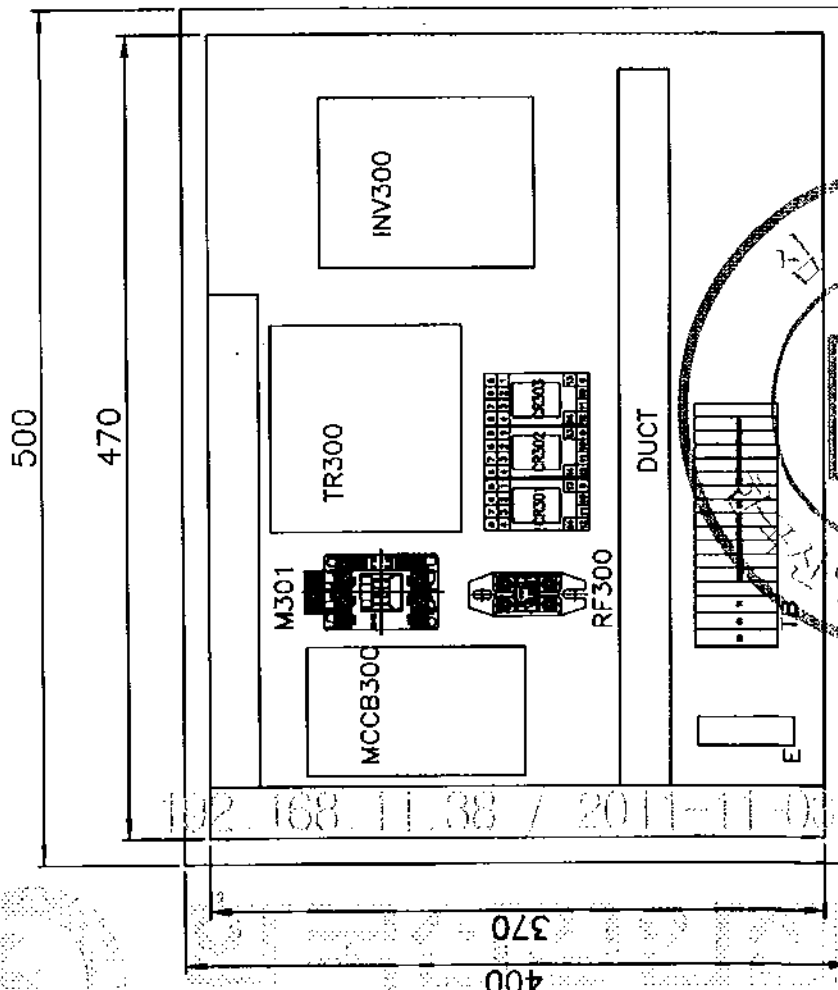
1. 전선의 색상은 다음과 같다.
- 1) 흑색 : 교류 및 직류 전원선으로 5) 형 색 : 직류 제어회로
- 2) 회색 : 교류 제어회로
- 3) 구황색 : 외부에서 공급되는 연동장치 제어회로
- 4) 녹색 또는 녹색과 황색 혼용 : 접지선
2. CABLE MATERIAL : KIV OR EQUIVALENT
MIN SIZE : 2.5sq
3. 제어용 전선 : 2.5mm KIV/HIV
4. 제라시 다스 변경 필수있음.
5. 외함 개방구조는 다음과 같음.
- 1) 외함 개방시 충전부분이 차단되도록 함.
- 2) 외함 개방후 충전되어있는 부분은 IP2X 이상의 차단 전력 방호가 되어있음.

DRAWING	DESIGN	CHECKED	APPROVED	SCALE	DATE	ORDER NO.
				NONE		
DRAFTING TITLE						ORDER NO.
HOIST CONTROL BOX						
ARRANGEMENT DRAWING						DWG. NO
KUD KUK DONG HOIST CO., LTD.						KDC3BA61
DATE	REVISIONS	CHK	APP			

[illegible]

[illegible]

:11



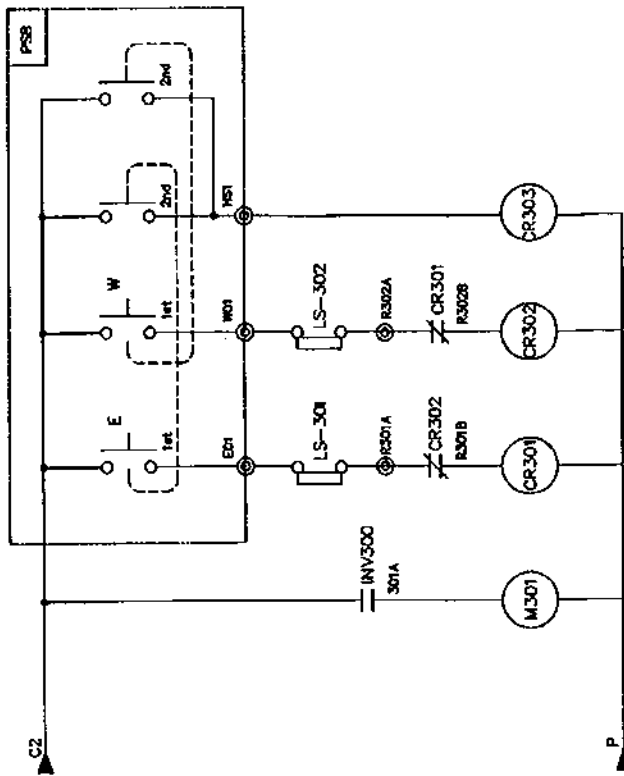
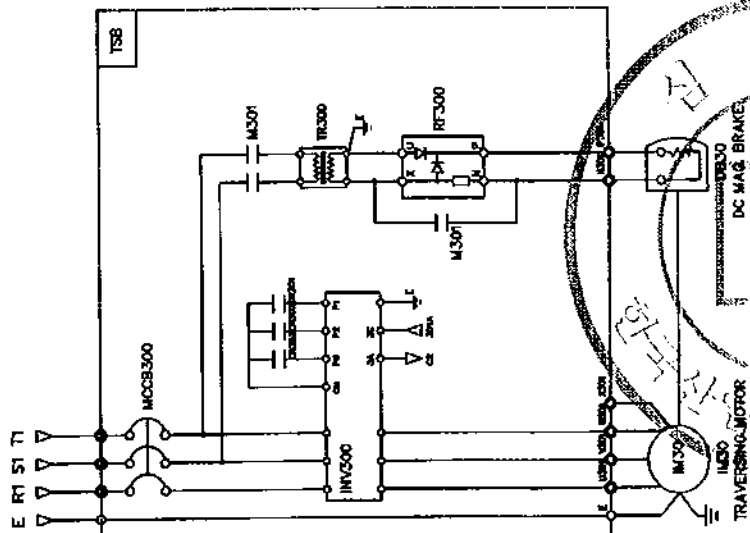
2	4 2	SS-400	1									
1	T/S BOX	PUR	1									
NO.	DESCRIPTION	M/TL	SUB QTY	TOTAL QTY	SUB WEIGHT(g)	TOTAL WEIGHT(g)	DATE	DIM	REMARKS			
PROJECT						DATE		DIM				
TITLE			T/S CONTROL PANEL(INVERTER)			SCALE		PROJECTION				
DRAWN			DESIGNED			CHECKED			APPROVED	A3/3	3rd	
									REF. DRAWING			
 KID KUK DONG HOUST CO., LTD.									SHEET NO.		DWG NO.	
											KD2E/001	

11	EARTH BUS BAR	PUR	1		
10	DUCT	PUR	1		
9	TERMINAL BLOCK	PUR	1		
8	INVERTER	PUR	1		
7	TR	PUR	1		
6	RELAY & SOCKET	PUR	1		
5	RF	PUR	1		
4	MC	PUR	1		
3	MOOB	PUR	1		

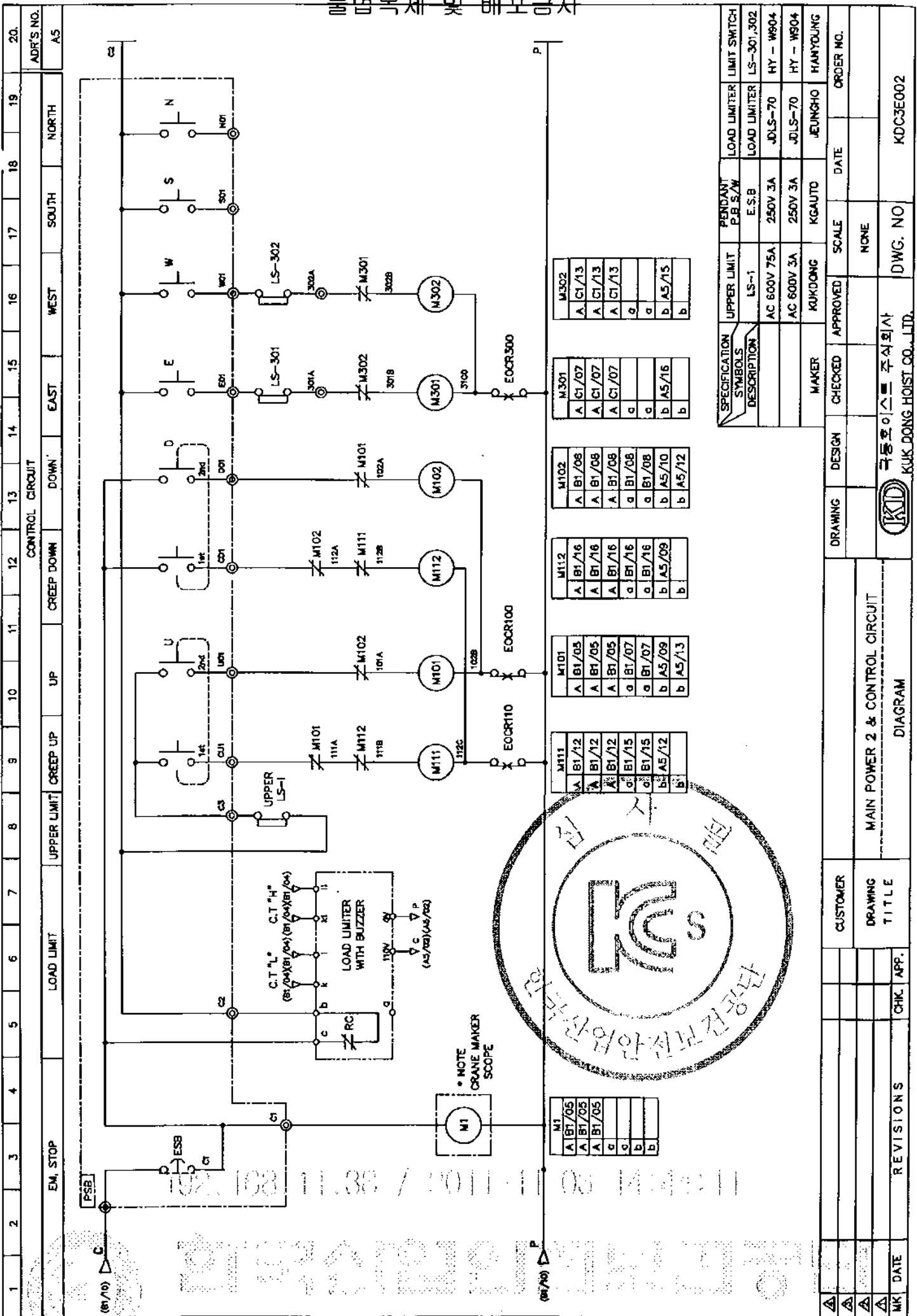
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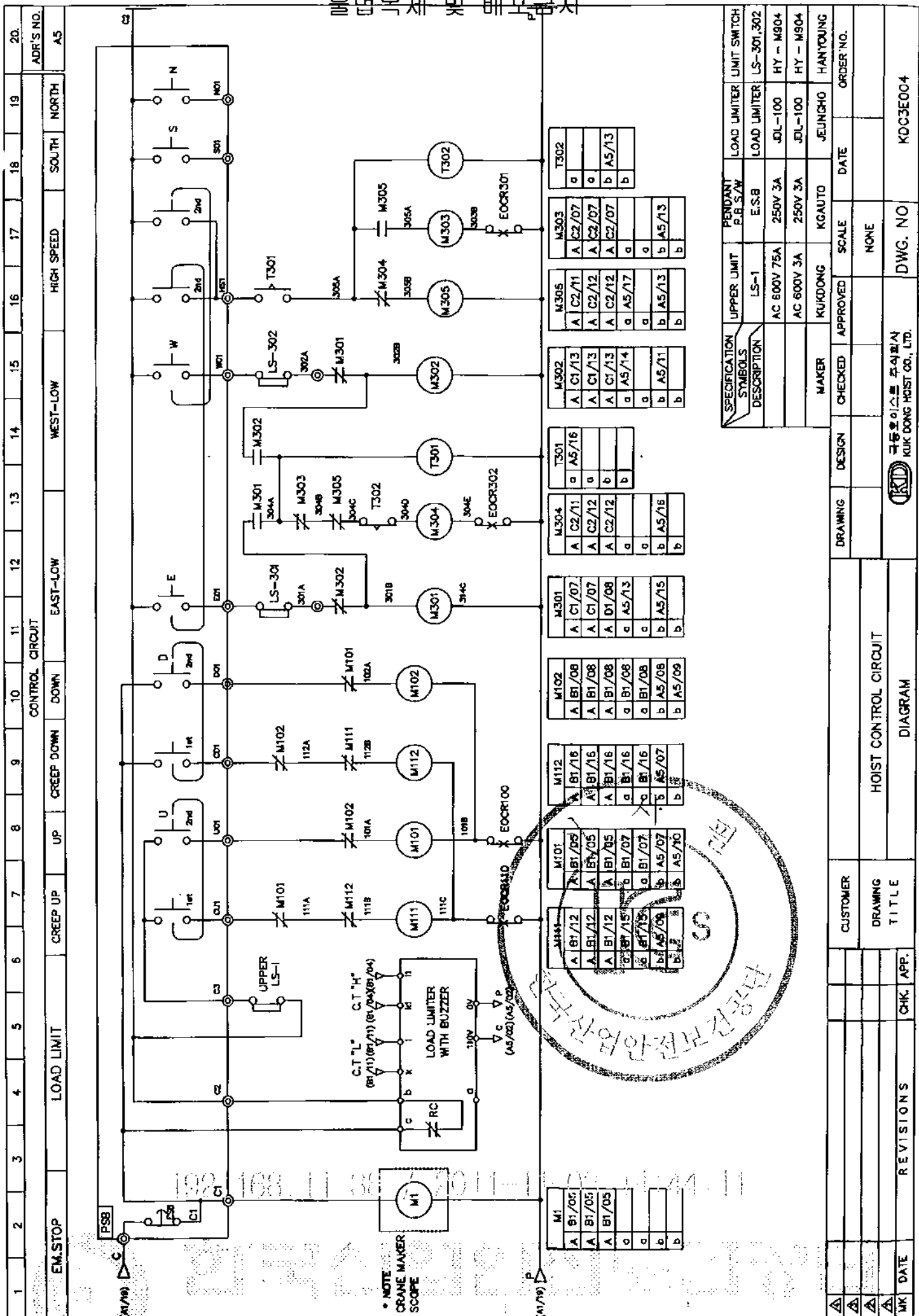
192.168.11.38 / 2011-11-03 14:44:11

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
TRaversing Motion																			
POWER CIRCUIT DIAGRAM										CONTROL CIRCUIT DIAGRAM									
E R1 S1 T1										HIGH SPEED									
MCCB300										BRAKE									
INV300										EAST									
TSB										WEST									
M301										HIGH SPEED									



SPECIFICATION SYMBOLS		TRaversing Power		TRaversing Motor		DC MAG. BRAKE		NO FUSE BREAKER		TRANSFORMER		BRAKE MAGNET		CONTROL RELAY		INVERTER		SILICON RECTIFIER	
DESCRIPTION		AC 3PH 220V 60Hz		IM 30		DB30		MCCB300		TR 300		M301		CR301,302,303		INV300		RF300	
		AC 3PH 220V 60Hz		0.75KW x 4P		DC 100V		DBE-33AF/10AT		220/220V,300VA		DM-22C		MINI 4x4x(Coil ACT10V)		SV01SGSA-2		SR-30	
		AC 3PH 380(440,480,480)V 60Hz		0.75KW x 4P		DC 100V		DBE-33AF/10AT		380(440,480,480)/220V,300VA		DM-22C		MINI 4x4x(Coil ACT10V)		SV01SGSA-4		SR-30	
		AC 3PH 220V 60Hz		0.5KW x 6P		DC 100V		DBE-33AF/10AT		220/220V,300VA		DM-22C		MINI 4x4x(Coil ACT10V)		SV008SGSA-2		SR-30	
		AC 3PH 380(440,480,480)V 60Hz		0.5KW x 6P		DC 100V		DBE-33AF/10AT		380(440,480,480)/220V,300VA		DM-22C		MINI 4x4x(Coil ACT10V)		SV008SGSA-4		SR-30	
SELECTION/MAKER		KUK DONG HOIST														LS		ASAN	
CUSTOMER				INVERTER CONTROL						DRAWING		DESIGN		CHECKED		APPROVED		SCALE	
DRAWING TITLE				TRaversing Power & CONTROL CIRCUIT														DATE	
CHK. APP.																		DWG. NO	
REVISIONS																		KDJ3E1002	
DATE																		ORDER NO.	



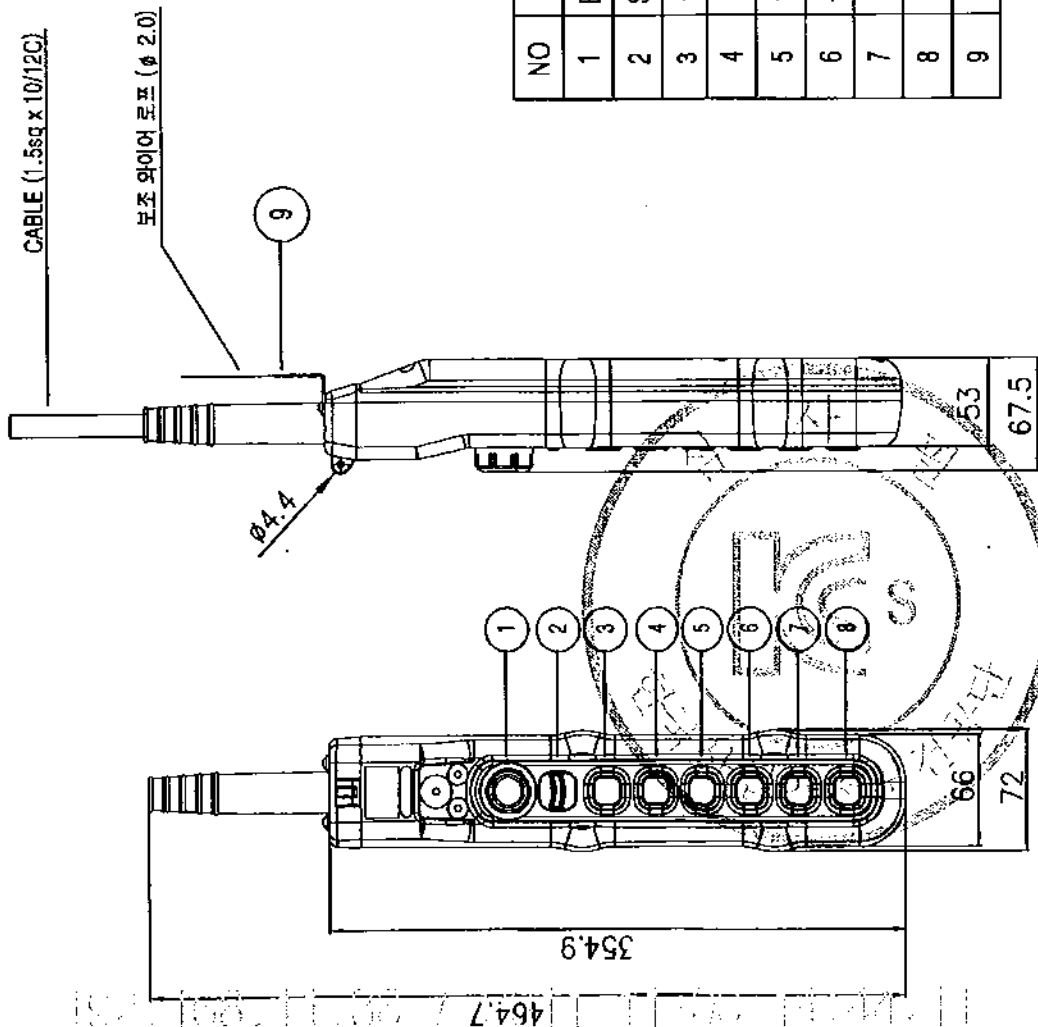


SPECIFICATION SYMBOLS	UPPER LIMIT	PENDANT P.B. S/W	LOAD LIMITER	UNIT SWITCH
DESCRIPTION	LS-1	E.S.B	LOAD LIMITER	LS-301,302
	AC 600V 75A	250V 3A	JDL-100	HY - M904
	AC 600V 3A	250V 3A	JDL-100	HY - M904
MAKER	KU/DONG	KGAUTO	JEUNGHO	HANYOUNG

DRAWING	DESIGN	CHECKED	APPROVED	SCALE	DATE	ORDER NO.
				NONE		
DRAWING TITLE	CUSTOMER	REVISIONS	CHK. APP.	DATE	DWG. NO	KDC3E004
HOIST CONTROL CIRCUIT						
DIAGRAM						

NO	SYMBOL	TYPE	SPEC.	COLOR
1	E.B.S	PUSH LOCK TURN RESET TYPE	250VAC x 6A	RED
2	SPARE			BLACK
3	상	1PUSH BUTTON 2STEP		
4	하	1PUSH BUTTON 2STEP		
5	동 (좌)	1PUSH BUTTON 1STEP		
6	서 (우)	1PUSH BUTTON 1STEP		
7	남 (전)	1PUSH BUTTON 1STEP		
8	북 (후)	1PUSH BUTTON 1STEP		
9	보조 WIRE	ø 2.0		

MK	DATE	REVISIONS	CHK.	APP.	CUSTOMER	DRAWING TITLE	DRAWING	DESIGN	CHECKED	APPROVED	SCALE	DATE
 KUK DONG HOIST CO., LTD.												



색상	구분	조작버튼	표시등
적색		비상	비상
황색		비정상	비정상
녹색		정상	정상
청색		의무	의무
흰색, 회색 - 흑색 지정된의미없음			기타

* MATERIAL : POLYCARBONATE (PLASTIC)
 * BODY COLOR : YELLOW, BLACK
 * IP : 55 이상

NO	SYMBOL	TYPE	SPEC.	COLOR
1	E.B.S	PUSH LOCK TURN RESET TYPE	250VAC x 6A	RED
2	SPARE			BLACK
3	상	1PUSH BUTTON 2STEP		
4	하	1PUSH BUTTON 2STEP		
5	동 (좌)	1PUSH BUTTON 2STEP		
6	서 (우)	1PUSH BUTTON 2STEP		
7	남 (전)	1PUSH BUTTON 1STEP		
8	북 (후)	1PUSH BUTTON 1STEP		
9	보조 WIRE	φ 2.0		

A	CUSTOMER	DRAWING TITLE				PENDING PUSH BUTTON SWITCH LAY OUT	DRAWING	DESIGN	CHECKED	APPROVED	SCALE	DATE
	REVISIONS	CHK.	APP.	DRAWING TITLE								
MK	DATE											

KUK DONG HOIST CO., LTD. DWG. NO.

LOAD LIMITER 권고 SETTING

* POWER SOURCE : AC 3Φ 220V 60Hz

극동호이스트(주)

HOIST	MOTOR 용량	LOAD LIMITER 권고 SETTING			LOAD CURRENT		C.T MODEL	연결단자 NO	C.T 용량	REMARK
		LOAD CURRENT	ADJ START TIME	SHOCK TIME	100%	110%				
C1 TON	2.4KW x 4P	110%	1 SEC	1 SEC	10 A	11.2 A	CT-2	K-K1, L-L1	5 V.A	
	0.4KW x 4P	110%	1 SEC	1 SEC	2.7 A	3.1 A	CT-1	K-K1, L-L1	5 V.A	
C2 TON	3.7KW x 4P	110%	1 SEC	1 SEC	16.0 A	17.4 A	CT-2	K-K1, L-L1	5 V.A	
	0.4KW x 4P	110%	1 SEC	1 SEC	2.7 A	3.1 A	CT-1	K-K1, L-L1	5 V.A	
C2.8 TON	5.0KW x 4P	110%	1 SEC	1 SEC	22.8 A	24.2 A	CT-2	K-K1, L-L1	5 V.A	
	1.5KW x 4P	110%	1 SEC	1 SEC	7.3 A	8.3 A	CT-1	K-K1, L-L1	5 V.A	
C3 TON	5.5KW x 4P	110%	1 SEC	1 SEC	22.8 A	24.3 A	CT-2	K-K1, L-L1	5 V.A	
	1.5KW x 4P	110%	1 SEC	1 SEC	7.3 A	8.3 A	CT-1	K-K1, L-L1	5 V.A	
C5 TON	5.5KW x 6P	110%	1 SEC	1 SEC	28.2 A	30.1 A	CT-2	K-K1, L-L1	5 V.A	
	1.0KW x 6P	110%	1 SEC	1 SEC	6.7 A	8.1 A	CT-1	K-K1, L-L1	5 V.A	
C7.5 TON	5.5KW x 6P	110%	1 SEC	1 SEC	28.2 A	30.1 A	CT-2	K-K1, L-L1	5 V.A	
	1.0KW x 6P	110%	1 SEC	1 SEC	6.7 A	8.1 A	CT-1	K-K1, L-L1	5 V.A	
C10 TON	9.0KW x 8P	110%	1 SEC	1 SEC	45.0 A	49.1 A	CT-2	K-K1, L-L1	5 V.A	
	1.1KW x 8P	110%	1 SEC	1 SEC	8.0 A	9.6 A	CT-2	K-K1, L-L1	5 V.A	

NOTE

1. 상기 TABLE의 수치는 권고 SETTING 수치이며 MOTOR의 특성 및 현장 조건에 따라 변경 가능함.

LOAD LIMITER 권고 SETTING치

* POWER SOURCE : AC 3Φ 380V 60Hz

극동호이스트(주)

HOIST	MOTOR 용량	LOAD LIMITER 권고 SETTING치			LOAD CURRENT		C.T MODEL	연결단자 NO	C.T 용량	REMARK
		LOAD CURRENT	ADJ START TIME	SHOCK TIME	100%	110%				
C1 TON	2.4KW x 4P	110%	1 SEC	1 SEC	5.8 A	6.3 A	CT-2	K-K1, L-L1	5 V.A	
	0.4KW x 4P	110%	1 SEC	1 SEC	1.6 A	2.1 A	CT-1	K-K1, L-L1	5 V.A	
C2 TON	3.7KW x 4P	110%	1 SEC	1 SEC	9.3 A	11.3 A	CT-2	K-K1, L-L1	5 V.A	
	0.4KW x 4P	110%	1 SEC	1 SEC	1.6 A	2.1 A	CT-1	K-K1, L-L1	5 V.A	
C2.8 TON	5.0KW x 4P	110%	1 SEC	1 SEC	12.2 A	13.6 A	CT-2	K-K1, L-L1	5 V.A	
	1.5KW x 4P	110%	1 SEC	1 SEC	4.2 A	5.4 A	CT-1	K-K1, L-L1	5 V.A	
C3 TON	5.5KW x 4P	110%	1 SEC	1 SEC	12.2 A	13.6 A	CT-2	K-K1, L-L1	5 V.A	
	1.5KW x 4P	110%	1 SEC	1 SEC	4.2 A	5.4 A	CT-1	K-K1, L-L1	5 V.A	
C5 TON	5.5KW x 6P	110%	1 SEC	1 SEC	16.3 A	17.8 A	CT-2	K-K1, L-L1	5 V.A	
	1.0KW x 6P	110%	1 SEC	1 SEC	3.9 A	5.3 A	CT-1	K-K1, L-L1	5 V.A	
C7.5 TON	5.5KW x 6P	110%	1 SEC	1 SEC	16.3 A	17.8 A	CT-2	K-K1, L-L1	5 V.A	
	1.0KW x 6P	110%	1 SEC	1 SEC	3.9 A	5.3 A	CT-1	K-K1, L-L1	5 V.A	
C10 TON	9.0KW x 8P	110%	1 SEC	1 SEC	26.0 A	28.6 A	CT-2	K-K1, L-L1	5 V.A	
	1.1KW x 8P	110%	1 SEC	1 SEC	4.6 A	6.1 A	CT-2	K-K1, L-L1	5 V.A	

NOTE

1. 상기 TABLE의 수치는 권고 SETTING 수치이며 MOTOR의 특성 및 현장 조건에 따라 변경 가능함.

LOAD LIMITER 권고 SETTING치

* POWER SOURCE : AC 3Φ 440V 60Hz

극동하이스트(주)

HOIST	MOTOR 용량	LOAD LIMITER 권고 SETTING치			LOAD CURRENT		C.T MODEL	연결단자 NO	C.T 용량	REMARK
		LOAD CURRENT	ADJ START TIME	SHOCK TIME	100%	110%				
C1 TON	2.4KW x 4P	110%	1 SEC	1 SEC	5.0 A	7.3 A	CT-2	K-K1, L-L1	5 V.A	
	0.4KW x 4P	110%	1 SEC	1 SEC	1.4 A	1.8 A	CT-1	K-K1, L-L1	5 V.A	
C2 TON	3.7KW x 4P	110%	1 SEC	1 SEC	8.0 A	10.8 A	CT-2	K-K1, L-L1	5 V.A	
	0.4KW x 4P	110%	1 SEC	1 SEC	1.4 A	1.8 A	CT-1	K-K1, L-L1	5 V.A	
C2.8 TON	5.0KW x 4P	110%	1 SEC	1 SEC	10.5 A	13.7 A	CT-2	K-K1, L-L1	5 V.A	
	1.5KW x 4P	110%	1 SEC	1 SEC	3.7 A	4.3 A	CT-1	K-K1, L-L1	5 V.A	
C3 TON	5.5KW x 4P	110%	1 SEC	1 SEC	10.5 A	13.7 A	CT-2	K-K1, L-L1	5 V.A	
	1.5KW x 4P	110%	1 SEC	1 SEC	3.7 A	4.3 A	CT-1	K-K1, L-L1	5 V.A	
C5 TON	5.5KW x 6P	110%	1 SEC	1 SEC	14.1 A	18.5 A	CT-2	K-K1, L-L1	5 V.A	
	1.0KW x 6P	110%	1 SEC	1 SEC	3.3 A	4.7 A	CT-1	K-K1, L-L1	5 V.A	
C7.5 TON	5.5KW x 6P	110%	1 SEC	1 SEC	14.1 A	18.5 A	CT-2	K-K1, L-L1	5 V.A	
	1.0KW x 6P	110%	1 SEC	1 SEC	3.3 A	4.7 A	CT-1	K-K1, L-L1	5 V.A	
C10 TON	9.0KW x 8P	110%	1 SEC	1 SEC	22.5 A	24.8 A	CT-2	K-K1, L-L1	5 V.A	
	1.1KW x 8P	110%	1 SEC	1 SEC	4.0 A	5.4 A	CT-1	K-K1, L-L1	5 V.A	

NOTE

1. 상기 TABLE의 수치는 권고 SETTING 수치이며 MOTOR의 특성 및 현장 조건에 따라 변경 가능함.

LOAD LIMITER 권고 SETTING치

* POWER SOURCE : AC 3Φ 460V 60Hz

극동호이스트(주)

HOIST	MOTOR 용량	LOAD LIMITER 권고 SETTING치			LOAD CURRENT		C.T MODEL	연결단자 NO	C.T 용량	REMARK
		LOAD CURRENT	ADJ START TIME	SHOCK TIME	100%	110%				
C1 TON	2.4KW x 4P	110%	1 SEC	1 SEC	4.8 A	5.2 A	CT-2	K-K1, L-L1	5 V.A	
	0.4KW x 4P	110%	1 SEC	1 SEC	1.3 A	1.5 A	CT-1	K-K1, L-L1	5 V.A	
C2 TON	3.7KW x 4P	110%	1 SEC	1 SEC	7.7 A	8.5 A	CT-2	K-K1, L-L1	5 V.A	
	0.4KW x 4P	110%	1 SEC	1 SEC	1.3 A	1.5 A	CT-1	K-K1, L-L1	5 V.A	
C2.8 TON	5.0KW x 4P	110%	1 SEC	1 SEC	10.0 A	11.5 A	CT-2	K-K1, L-L1	5 V.A	
	1.5KW x 4P	110%	1 SEC	1 SEC	3.5 A	4.3 A	CT-1	K-K1, L-L1	5 V.A	
C3 TON	5.5KW x 4P	110%	1 SEC	1 SEC	10.0 A	11.5 A	CT-2	K-K1, L-L1	5 V.A	
	1.5KW x 4P	110%	1 SEC	1 SEC	3.5 A	4.3 A	CT-1	K-K1, L-L1	5 V.A	
C5 TON	5.5KW x 6P	110%	1 SEC	1 SEC	13.5 A	14.7 A	CT-2	K-K1, L-L1	5 V.A	
	1.0KW x 6P	110%	1 SEC	1 SEC	3.2 A	3.6 A	CT-1	K-K1, L-L1	5 V.A	
C7.5 TON	5.5KW x 6P	110%	1 SEC	1 SEC	13.5 A	14.7 A	CT-2	K-K1, L-L1	5 V.A	
	1.0KW x 6P	110%	1 SEC	1 SEC	3.2 A	3.6 A	CT-1	K-K1, L-L1	5 V.A	
C10 TON	9.0KW x 8P	110%	1 SEC	1 SEC	21.5 A	23.7 A	CT-2	K-K1, L-L1	5 V.A	
	1.1KW x 8P	110%	1 SEC	1 SEC	3.8 A	5.4 A	CT-1	K-K1, L-L1	5 V.A	

NOTE

1. 상기 TABLE의 수치는 권고 SETTING 수치이며 MOTOR의 특성 및 현장 조건에 따라 변경 가능함.

LOAD LIMITER 권고 SETTING치

* POWER SOURCE : AC 3Φ 480V 60Hz

극동하이스트(주)

HOIST	MOTOR 용량	LOAD LIMITER 권고 SETTING치			LOAD CURRENT		C.T MODEL	연결단자 NO	C.T 용량	REMARK
		LOAD CURRENT	ADJ START TIME	SHOCK TIME	100%	110%				
C1 TON	2.4KW x 4P	110%	1 SEC	1 SEC	4.6 A	5.0 A	CT-2	K-K1, L-L1	5 V.A	
	0.4KW x 4P	110%	1 SEC	1 SEC	1.2 A	1.35 A	CT-1	K-K1, L-L1	5 V.A	
C2 TON	3.7KW x 4P	110%	1 SEC	1 SEC	7.3 A	8.2 A	CT-2	K-K1, L-L1	5 V.A	
	0.4KW x 4P	110%	1 SEC	1 SEC	1.2 A	1.35 A	CT-1	K-K1, L-L1	5 V.A	
C2.8 TON	5.0KW x 4P	110%	1 SEC	1 SEC	9.6 A	11.2 A	CT-2	K-K1, L-L1	5 V.A	
	1.5KW x 4P	110%	1 SEC	1 SEC	3.4 A	4.3 A	CT-1	K-K1, L-L1	5 V.A	
C3 TON	5.5KW x 4P	110%	1 SEC	1 SEC	9.6 A	11.2 A	CT-2	K-K1, L-L1	5 V.A	
	1.5KW x 4P	110%	1 SEC	1 SEC	3.4 A	4.3 A	CT-1	K-K1, L-L1	5 V.A	
C5 TON	5.5KW x 6P	110%	1 SEC	1 SEC	12.9 A	14.2 A	CT-2	K-K1, L-L1	5 V.A	
	1.0KW x 6P	110%	1 SEC	1 SEC	3.1 A	3.5 A	CT-1	K-K1, L-L1	5 V.A	
C7.5 TON	5.5KW x 6P	110%	1 SEC	1 SEC	12.9 A	14.2 A	CT-2	K-K1, L-L1	5 V.A	
	1.0KW x 6P	110%	1 SEC	1 SEC	3.1 A	3.5 A	CT-1	K-K1, L-L1	5 V.A	
C10 TON	9.0KW x 8P	110%	1 SEC	1 SEC	20.6 A	22.7 A	CT-2	K-K1, L-L1	5 V.A	
	1.1KW x 8P	110%	1 SEC	1 SEC	3.6 A	5.4 A	CT-1	K-K1, L-L1	5 V.A	

NOTE

1. 상기 TABLE의 수치는 권고 SETTING 수치이며 MOTOR의 특성 및 현장 조건에 따라 변경 가능함.

E.O.C.R 권고 SETTING치

* POWER SOURCE : AC 3Φ 220V 60Hz

극동하이스트(주)

HOIST	MOTOR 용량	MOTOR 정격 전류	DRIVE TYPE	E.O.C.R TYPE	권고 SETTING 치			REMARK
					DELAY TIME	OPERATION TIME	CURRENT	
C1 TON	2.4KW x 4P	10.0 A	1 DRAVE	SS-30	3 SEC	1 SEC	10.0 A	
	0.4KW x 4P	2.7 A	1 DRAVE	SS-05	3 SEC	1 SEC	2.7 A	
C2 TON	3.7KW x 4P	16.0 A	1 DRAVE	SS-30	3 SEC	1 SEC	16.0 A	
	0.4KW x 4P	2.7 A	1 DRAVE	SS-05	3 SEC	1 SEC	2.7 A	
C2.8 TON	5.0KW x 4P	22.8 A	1 DRAVE	SS-30	3 SEC	1 SEC	22.8 A	
	1.5KW x 4P	7.3 A	1 DRAVE	SS-30	3 SEC	1 SEC	7.3 A	
C3 TON	5.5KW x 4P	22.8 A	1 DRAVE	SS-30	3 SEC	1 SEC	22.8 A	
	1.5KW x 4P	7.3 A	1 DRAVE	SS-30	3 SEC	1 SEC	7.3 A	
C5 TON	5.5KW x 6P	28.2 A	1 DRAVE	SS-30	3 SEC	1 SEC	28.2 A	
	1.0KW x 6P	6.7 A	1 DRAVE	SS-30	3 SEC	1 SEC	6.7 A	
C7.5 TON	5.5KW x 6P	28.2 A	1 DRAVE	SS-30	3 SEC	1 SEC	28.2 A	
	1.0KW x 6P	6.7 A	1 DRAVE	SS-30	3 SEC	1 SEC	6.7 A	
C10 TON	9.0KW x 8P	45.0 A	1 DRAVE	SS-60	3 SEC	1 SEC	45.0 A	
	1.1KW x 8P	8.0 A	1 DRAVE	SS-30	3 SEC	1 SEC	8.0 A	

NOTE

1. 상기 TABLE의 수치는 권고 SETTING 수치이며 MOTOR의 특성 및 현장 조건에 따라 변경 가능함.

E.O.C.R 권고 SETTING치

★ POWER SOURCE : AC 3Φ 380V 60Hz

극동호이스트(주)

HOIST	MOTOR 용량	1 정격 전류	DRIVE TYPE	E.O.C.R TYPE	권고 SETTING 치			REMARK
					DELAY TIME	OPERATION TIME	CURRENT	
C1 TON	2.4KW x 4P	5.8 A	1 DRAVE	SS-30	3 SEC	1 SEC	5.8 A	
	0.4KW x 4P	1.6 A	1 DRAVE	SS-05	3 SEC	1 SEC	1.6 A%	
C2 TON	3.7KW x 4P	9.3 A	1 DRAVE	SS-30	3 SEC	1 SEC	9.3 A	
	0.4KW x 4P	1.6 A	1 DRAVE	SS-05	3 SEC	1 SEC	1.6 A	
C2.8 TON	5.0KW x 4P	12.2 A	1 DRAVE	SS-30	3 SEC	1 SEC	12.2 A	
	1.5KW x 4P	4.2 A	1 DRAVE	SS-05	3 SEC	1 SEC	4.2 A	
C3 TON	5.5KW x 4P	12.2 A	1 DRAVE	SS-30	3 SEC	1 SEC	12.2 A	
	1.5KW x 4P	4.2 A	1 DRAVE	SS-05	3 SEC	1 SEC	4.2 A	
C5 TON	5.5KW x 6P	16.3 A	1 DRAVE	SS-30	3 SEC	1 SEC	16.3 A	
	1.0KW x 6P	3.9 A	1 DRAVE	SS-05	3 SEC	1 SEC	3.9 A	
C7.5 TON	5.5KW x 6P	16.3 A	1 DRAVE	SS-30	3 SEC	1 SEC	16.3 A	
	1.0KW x 6P	3.9 A	1 DRAVE	SS-05	3 SEC	1 SEC	3.9 A	
C10 TON	9.0KW x 8P	26.0 A	1 DRAVE	SS-30	3 SEC	1 SEC	26.0 A	
	1.1KW x 8P	4.6 A	1 DRAVE	SS-05	3 SEC	1 SEC	4.6 A	

NOTE

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E.O.C.R 권고 SETTING치

* POWER SOURCE : AC 3Φ 440V 60Hz

극동호이스트(주)

HOIST	MOTOR 용량	MOTOR 정격 전류	DRIVE TYPE	E.O.C.R TYPE	권고 SETTING 치			REMARK
					DELAY TIME	OPERATION TIME	CURRENT	
C1 TON	2.4KW x 4P	5.0 A	1 DRAVE	SS-30	3 SEC	1 SEC	5.0 A	
	0.4KW x 4P	1.4 A	1 DRAVE	SS-05	3 SEC	1 SEC	1.4 A	
C2 TON	3.7KW x 4P	8.0 A	1 DRAVE	SS-30	3 SEC	1 SEC	8.0 A	
	0.4KW x 4P	1.4 A	1 DRAVE	SS-05	3 SEC	1 SEC	1.4 A	
C2.8 TON	5.0KW x 4P	10.5 A	1 DRAVE	SS-30	3 SEC	1 SEC	10.5 A	
	1.5KW x 4P	3.7 A	1 DRAVE	SS-05	3 SEC	1 SEC	3.7 A	
C3 TON	5.5KW x 4P	10.5 A	1 DRAVE	SS-30	3 SEC	1 SEC	10.5 A	
	1.5KW x 4P	3.7 A	1 DRAVE	SS-05	3 SEC	1 SEC	3.7 A	
C5 TON	5.5KW x 6P	14.1 A	1 DRAVE	SS-30	3 SEC	1 SEC	14.1 A	
	1.0KW x 6P	3.3 A	1 DRAVE	SS-05	3 SEC	1 SEC	3.3 A	
C7.5 TON	5.5KW x 8P	14.1 A	1 DRAVE	SS-30	3 SEC	1 SEC	14.1 A	
	1.0KW x 8P	3.3 A	1 DRAVE	SS-05	3 SEC	1 SEC	3.3 A	
C10 TON	9.0KW x 8P	22.5 A	1 DRAVE	SS-30	3 SEC	1 SEC	22.5 A	
	1.1KW x 8P	4.0 A	1 DRAVE	SS-05	3 SEC	1 SEC	4.0 A	

NOTE

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E.O.C.R 권고 SETTING치

POWER SOURCE : AC 3Φ 460V 60Hz

극동호이스트(주)

HOIST	MOTOR 용량	MOTOR 정격 전류	DRIVE TYPE	E.O.C.R TYPE	권고 SETTING 치			REMARK
					DELAY TIME	OPERATION TIME	CURRENT	
C1 TON	2.4KW x 4P	4.8 A	1 DRAVE	SS-30	3 SEC	1 SEC	4.8 A	
	0.4KW x 4P	1.3 A	1 DRAVE	SS-05	3 SEC	1 SEC	1.4 A	
C2 TON	3.7KW x 4P	7.7 A	1 DRAVE	SS-30	3 SEC	1 SEC	7.7 A	
	0.4KW x 4P	1.3 A	1 DRAVE	SS-05	3 SEC	1 SEC	1.4 A	
C2.8 TON	5.0KW x 4P	10.0 A	1 DRAVE	SS-30	3 SEC	1 SEC	10.0 A	
	1.5KW x 4P	3.5 A	1 DRAVE	SS-05	3 SEC	1 SEC	3.5 A	
C3 TON	5.5KW x 4P	10.0 A	1 DRAVE	SS-30	3 SEC	1 SEC	10.0 A	
	1.5KW x 4P	3.5 A	1 DRAVE	SS-05	3 SEC	1 SEC	3.5 A	
C5 TON	5.5KW x 6P	13.5 A	1 DRAVE	SS-30	3 SEC	1 SEC	13.5 A	
	1.0KW x 6P	3.2 A	1 DRAVE	SS-05	3 SEC	1 SEC	3.2 A	
C7.5 TON	5.5KW x 6P	13.5 A	1 DRAVE	SS-30	3 SEC	1 SEC	13.5 A	
	1.0KW x 6P	3.2 A	1 DRAVE	SS-05	3 SEC	1 SEC	3.2 A	
C10 TON	9.0KW x 8P	21.5 A	1 DRAVE	SS-30	3 SEC	1 SEC	21.5 A	
	1.1KW x 8P	8.8 A	1 DRAVE	SS-05	3 SEC	1 SEC	3.8 A	

NOTE

1. 상기 TABLE의 수치는 권고 SETTING 수치이며 MOTOR의 특성 및 현장 조건에 따라 변경 가능함.

E.O.C.R 권고 SETTING치

* POWER SOURCE : AC 3Φ 480V 60Hz

국동호이스트(주)

HOIST	MOTOR 용량	MOTOR 정격 전류	DRIVE TYPE	E.O.C.R TYPE	권고 SETTING 치			REMARK
					DELAY TIME	OPERATION TIME	CURRENT	
C1 TON	2.4KW x 4P	4.6 A	1 DRAVE	SS-30	3 SEC	1 SEC	4.6 A	
	0.4KW x 4P	1.2 A	1 DRAVE	SS-05	3 SEC	1 SEC	1.4 A	
C2 TON	3.7KW x 4P	7.3 A	1 DRAVE	SS-30	3 SEC	1 SEC	7.3 A	
	0.4KW x 4P	1.2 A	1 DRAVE	SS-05	3 SEC	1 SEC	1.4 A	
C2.8 TON	5.0KW x 4P	9.6 A	1 DRAVE	SS-30	3 SEC	1 SEC	9.6 A	
	1.5KW x 4P	3.4 A	1 DRAVE	SS-05	3 SEC	1 SEC	3.4 A	
C3 TON	5.5KW x 4P	9.6 A	1 DRAVE	SS-30	3 SEC	1 SEC	9.6 A	
	1.5KW x 4P	3.4 A	1 DRAVE	SS-05	3 SEC	1 SEC	3.4 A	
C5 TON	5.5KW x 6P	12.9 A	1 DRAVE	SS-30	3 SEC	1 SEC	12.9 A	
	1.0KW x 6P	3.1 A	1 DRAVE	SS-05	3 SEC	1 SEC	3.1 A	
C7.5 TON	5.5KW x 6P	12.9 A	1 DRAVE	SS-30	3 SEC	1 SEC	12.9 A	
	1.0KW x 6P	3.1 A	1 DRAVE	SS-05	3 SEC	1 SEC	3.1 A	
C10 TON	9.0KW x 8P	20.6 A	1 DRAVE	SS-30	3 SEC	1 SEC	20.6 A	
	1.1KW x 8P	3.6 A	1 DRAVE	SS-05	3 SEC	1 SEC	3.6 A	

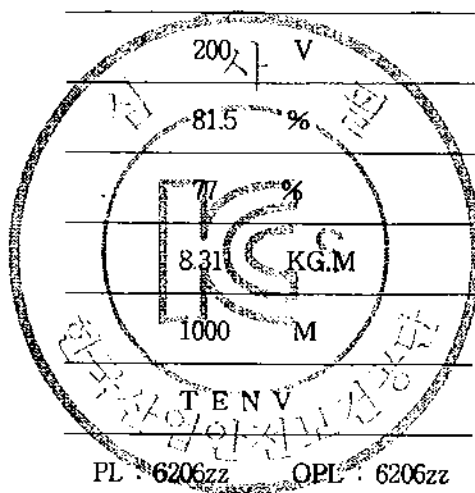
NOTE

1. 상기 TABLE의 수치는 권고 SETTING 수치이며 MOTOR의 특성 및 현장 조건에 따라 변경 가능함.

THREE PHASE INDUCTION MOTOR DATE SHEET

SCHEDULE OF TECHNICAL DATA

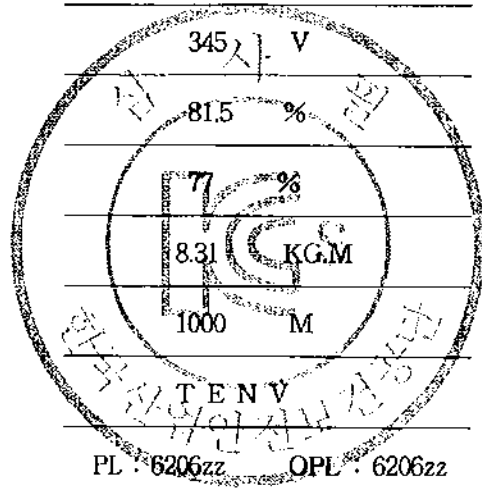
1. SERVICE	HOISTING
2. MANUFACTURE	극동호이스트 (주)
3. FRAME NUMBER	132 S
4. RATED POWER	5.5 KW x 4 P
5. RATED VOLTAGE AND FREQUENCY	220 V 60 Hz
6. MOTOR TYPE	SQUIRREL CAGE ROTOR TYPE
7. SERVICE FACTOR AND RATting	1.0 , 30 MIN
8. LOCATION AND INSULATION CLASS	INDOOR, OUTDOOR, B CLASS
9. DESIGN TRMPERATURE RISE(BY RESISTANCE)	80 ℃
10. FULL LOAD SPEED	1750 RPM
11. FULL LOAD CURRENT	28.8 A
12. LOCKED ROTOR CURRENT	136.6 A
13. MINIMUM STARTING VOLTAGE	200 V
14. EFFICIENCY AT 100% RATED LOAD	81.5 %
15. POWER FACTOR AT 100% RATED LOAD	77 %
16. FULL LOAD TORQUE	8.31 KG.M
17. SITE ALTTITUDE(UNDER)	1000 M
18. ENCLOSURE & COOLING METHOD	TENV
19. TYPE OF BEARING	PL : 6206zz OPL : 6206zz
20. MOUNTING	HORIZONTAL
21. MAXIMUM AMBIENT TEMPURE	40 ℃
22. BEARING LUBRICATION	GREASE
23. STARTING METHOD	FULL VOLTAGE



THREE PHASE INDUCTION MOTOR DATE SHEET

SCHEDULE OF TECHNICAL DATA

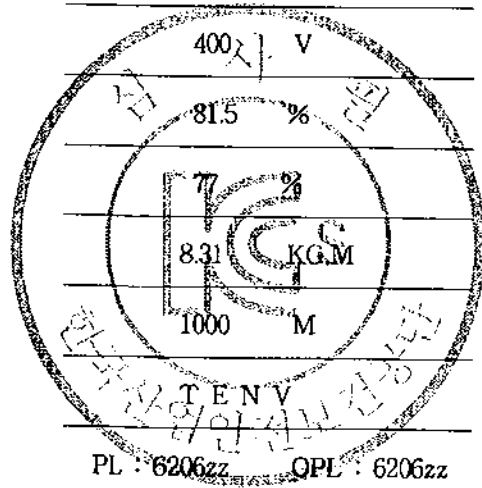
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2. MANUFACTURE	극동호이스트 (주)
3. FRAME NUMBER	132 S
4. RATED POWER	5.5 KW x 4 P
5. RATED VOLTAGE AND FREQUENCY	380 V 60 Hz
6. MOTOR TYPE	SQUIREL CAGE ROTOR TYPE
7. SERVICE FACTOR AND RATting	1.0 , 30 MIN
8. LOCATION AND INSULATION CLASS	INDOOR, OUTDOOR, B CLASS
9. DESIGN TRMPERATURE RISE(BY RESISTANCE)	80 °C
10. FULL LOAD SPEED	1750 RPM
11. FULL LOAD CURRENT	12.2 A
12. LOCKER ROTOR CURRENT	72.9 A
13. MINIMUM STARTING VOLTAGE	345 V
14. EFFICIENCY AT 100% RATED LOAD	81.5 %
15. POWER FACTOR AT 100% RATED LOAD	77 %
16. FULL LOAD TORQUE	8.31 K.G.M
17. SITE ALTTITUDE(UNDER)	1000 M
18. ENCLOSURE & COOLING METHOD	TENV
19. TYPE OF BEARING	PL : 6206zz OPL : 6206zz
20. MOUNTING	HORIZONTAL
21. MAXIMUM AMBIENT TEMPURE	40 °C
22. BEARING LUBRICATION	GREASE
23. STARTING METHOD	FULL VOLTAGE



THREE PHASE INDUCTION MOTOR DATE SHEET

SCHEDULE OF TECHNICAL DATA

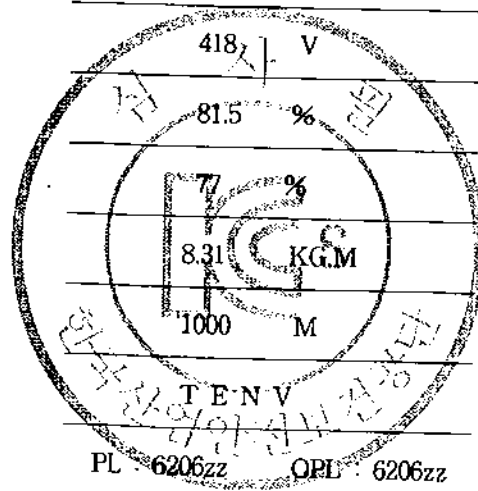
1. SERVICE	HOISTING
2. MANUFACTURE	극동호이스트 (주)
3. FRAME NUMBER	132 S
4. RATED POWER	5.5 KW x 4 P
5. RATED VOLTAGE AND FREQUENCY	440 V 60 Hz
6. MOTOR TYPE	SQUIRREL CAGE ROTOR TYPE
7. SERVICE FACTOR AND RATTING	1.0 , 30 MIN
8. LOCATION AND INSULATION CLASS	INDOOR, OUTDOOR, B CLASS
9. DESIGN TRMPERATURE RISE(BY RESISTANCE)	80 ℃
10. FULL LOAD SPEED	1750 RPM
11. FULL LOAD CURRENT	10.5 A
12. LOCKER ROTOR CURRENT	63.0 A
13. MINIMUM STARTING VOLTAGE	400 V
14. EFFICIENCY AT 100% RATED LOAD	81.5 %
15. POWER FACTOR AT 100% RATED LOAD	77 %
16. FULL LOAD TORQUE	8.31 KGM
17. SITE ALTTITUDE(UNDER)	1000 M
18. ENCLOSURE & COOLING METHOD	TENV
19. TYPE OF BEARING	PL : 6206zz OPL : 6206zz
20. MOUNTING	HORIZONTAL
21. MAXIMUM AMBIENT TEMPURE	40 ℃
22. BEARING LUBRICATION	GREASE
23. STARTING METHOD	FULL VOLTAGE



THREE PHASE INDUCTION MOTOR DATE SHEET

SCHEDULE OF TECHNICAL DATA

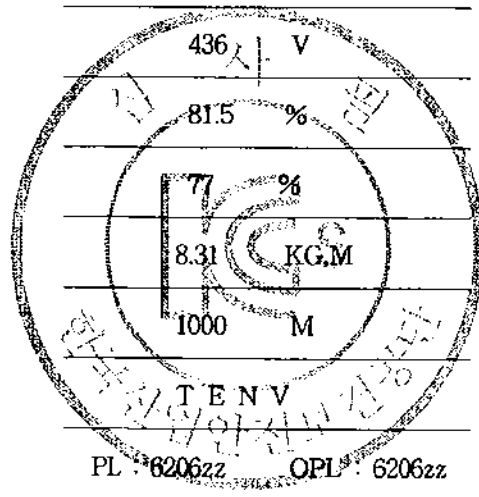
1. SERVICE	HOISTING
2. MANUFACTURE	극동호이스트 (주)
3. FRAME NUMBER	132 S
4. RATED POWER	5.5 KW x 4 P
5. RATED VOLTAGE AND FREQUENCY	460 V 60 Hz
6. MOTOR TYPE	SQUIRREL CAGE ROTOR TYPE
7. SERVICE FACTOR AND RATting	1.0 , 30 MIN
8. LOCATION AND INSULATION CLASS	INDOOR, OUTDOOR, B CLASS
9. DESIGN TRMPERATURE RISE(BY RESISTANCE)	80 ℃
10. FULL LOAD SPEED	1750 RPM
11. FULL LOAD CURRENT	10.0 A
12. LOCKER ROTOR CURRENT	60.0 A
13. MINIMUM STARTING VOLTAGE	418 V
14. EFFICIENCY AT 100% RATED LOAD	81.5 %
15. POWER FACTOR AT 100% RATED LOAD	77 %
16. FULL LOAD TORQUE	8.31 KG.M
17. SITE ALTTITUDE(UNDER)	1000 M
18. ENCLOSURE & COOLING METHOD	TENV
19. TYPE OF BEARING	PL : 6206zz ORL : 6206zz
20. MOUNTING	HORIZONTAL
21. MAXIMUM AMBIENT TEMPURE	40 ℃
22. BEARING LUBRICATION	GREASE
23. STARTING METHOD	FULL VOLTAGE



THREE PHASE INDUCTION MOTOR DATE SHEET

SCHEDULE OF TECHNICAL DATA

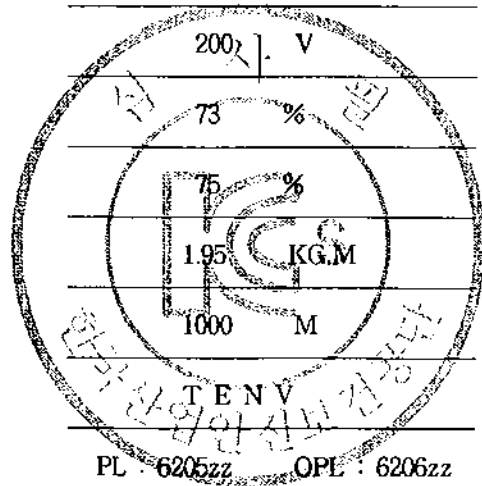
1. SERVICE	HOISTING
2. MANUFACTURE	극동호이스트 (주)
3. FRAME NUMBER	132 S
4. RATED POWER	5.5 KW x 4 P
5. RATED VOLTAGE AND FREQUENCY	480 V 60 Hz
6. MOTOR TYPE	SQUIRREL CAGE ROTOR TYPE
7. SERVICE FACTOR AND RATting	1.0 , 30 MIN
8. LOCATION AND INSULATION CLASS	INDOOR, OUTDOOR, B CLASS
9. DESIGN TRMPERATURE RISE(BY RESISTANCE)	80 ℃
10. FULL LOAD SPEED	1750 RPM
11. FULL LOAD CURRENT	9.6 A
12. LOCKER ROTOR CURRENT	57.5 A
13. MINIMUM STARTING VOLTAGE	436 V
14. EFFICIENCY AT 100% RATED LOAD	81.5 %
15. POWER FACTOR AT 100% RATED LOAD	77 %
16. FULL LOAD TORQUE	8.31 KGM
17. SITE ALTTITUDE(UNDER)	1000 M
18. ENCLOSURE & COOLING METHOD	TENV
19. TYPE OF BEARING	PL : 6206zz OPL : 6206zz
20. MOUNTING	HORIZONTAL
21. MAXIMUM AMBIENT TEMPURE	40 ℃
22. BEARING LUBRICATION	GREASE
23. STARTING METHOD	FULL VOLTAGE



THREE PHASE INDUCTION MOTOR DATE SHEET

SCHEDULE OF TECHNICAL DATA

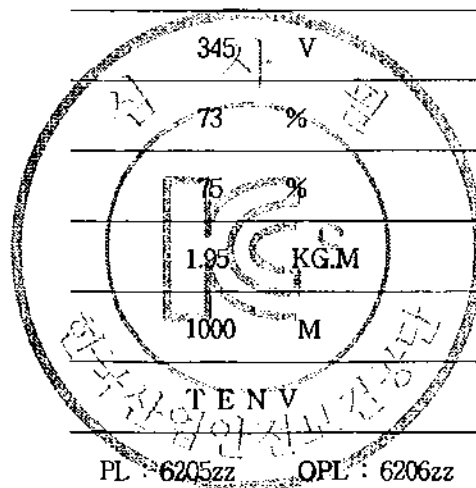
1. SERVICE	HOISTING
2. MANUFACTURE	극동호이스트 (주)
3. FRAME NUMBER	90 L
4. RATED POWER	1.5 KW x 4 P
5. RATED VOLTAGE AND FREQUENCY	220 V 60 Hz
6. MOTOR TYPE	SQUIRREL CAGE ROTOR TYPE
7. SERVICE FACTOR AND RATting	1.0 , 30 MIN
8. LOCATION AND INSULATION CLASS	INDOOR, OUTDOOR, B CLASS
9. DESIGN TRMPERATURE RISE(BY RESISTANCE)	80 ℃
10. FULL LOAD SPEED	1750 RPM
11. FULL LOAD CURRENT	7.3 A
12. LOCKED ROTOR CURRENT	41.8 A
13. MINIMUM STARTING VOLTAGE	200 V
14. EFFICIENCY AT 100% RATED LOAD	73 %
15. POWER FACTOR AT 100% RATED LOAD	75 %
16. FULL LOAD TORQUE	1.95 KG.M
17. SITE ALTTITUDE(UNDER)	1000 M
18. ENCLOSURE & COOLING METHOD	TENV
19. TYPE OF BEARING	PL : 6205zz OPL : 6206zz
20. MOUNTING	HORIZONTAL
21. MAXIMUM AMBIENT TEMPURE	40 ℃
22. BEARING LUBRICATION	GREASE
23. STARTING METHOD	FULL VOLTAGE



THREE PHASE INDUCTION MOTOR DATE SHEET

SCHEDULE OF TECHNICAL DATA

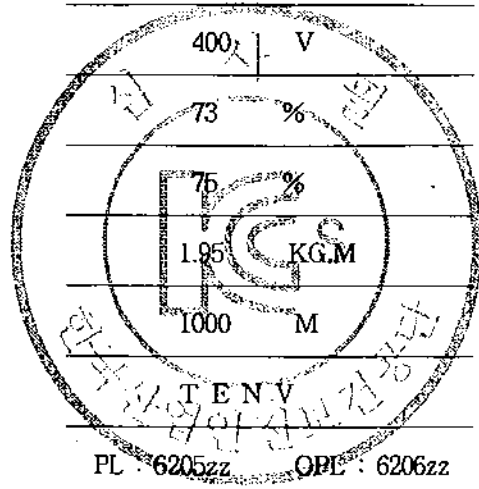
1. SERVICE	HOISTING
2. MANUFACTURE	극동호이스트 (주)
3. FRAME NUMBER	90 L
4. RATED POWER	1.5 KW x 4 P
5. RATED VOLTAGE AND FREQUENCY	380 V 60 Hz
6. MOTOR TYPE	SQUIRREL CAGE ROTOR TYPE
7. SERVICE FACTOR AND RATTING	1.0 , 30 MIN
8. LOCATION AND INSULATION CLASS	INDOOR, OUTDOOR, B CLASS
9. DESIGN TRMPERATURE RISE(BY RESISTANCE)	80 ℃
10. FULL LOAD SPEED	1750 RPM
11. FULL LOAD CURRENT	4.2 A
12. LOCKED ROTOR CURRENT	24.2 A
13. MINIMUM STARTING VOLTAGE	345 V
14. EFFICIENCY AT 100% RATED LOAD	73 %
15. POWER FACTOR AT 100% RATED LOAD	75 %
16. FULL LOAD TORQUE	1.95 KG.M
17. SITE ALTITUDE(UNDER)	1000 M
18. ENCLOSURE & COOLING METHOD	TENV
19. TYPE OF BEARING	PL : 6205zz OPL : 6206zz
20. MOUNTING	HORIZONTAL
21. MAXIMUM AMBIENT TEMPURE	40 ℃
22. BEARING LUBRICATION	GREASE
23. STARTING METHOD	FULL VOLTAGE



THREE PHASE INDUCTION MOTOR DATE SHEET

SCHEDULE OF TECHNICAL DATA

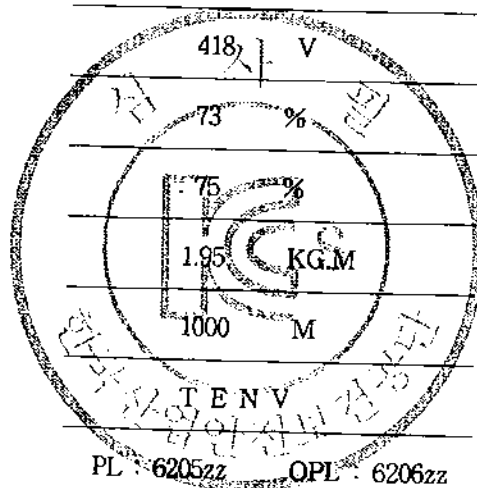
1. SERVICE	HOISTING
2. MANUFACTURE	극동호이스트 (주)
3. FRAME NUMBER	90 L
4. RATED POWER	1.5 KW x 4 P
5. RATED VOLTAGE AND FREQUENCY	440 V 60 Hz
6. MOTOR TYPE	SQUIRREL CAGE ROTOR TYPE
7. SERVICE FACTOR AND RATting	1.0 , 30 MIN
8. LOCATION AND INSULATION CLASS	INDOOR, OUTDOOR, B CLASS
9. DESIGN TRMPERATURE RISE(BY RESISTANCE)	80 ℃
10. FULL LOAD SPEED	1750 RPM
11. FULL LOAD CURRENT	3.7 A
12. LOCKED ROTOR CURRENT	20.9 A
13. MINIMUM STARTING VOLTAGE	400 V
14. EFFICIENCY AT 100% RATED LOAD	73 %
15. POWER FACTOR AT 100% RATED LOAD	75 %
16. FULL LOAD TORQUE	1.95 KG.M
17. SITE ALTTITUDE(UNDER)	1000 M
18. ENCLOSURE & COOLING METHOD	TENV
19. TYPE OF BEARING	PL : 6205zz OPE : 6206zz
20. MOUNTING	HORIZONTAL
21. MAXIMUM AMBIENT TEMPURE	40 ℃
22. BEARING LUBRICATION	GREASE
23. STARTING METHOD	FULL VOLTAGE



THREE PHASE INDUCTION MOTOR DATE SHEET

SCHEDULE OF TECHNICAL DATA

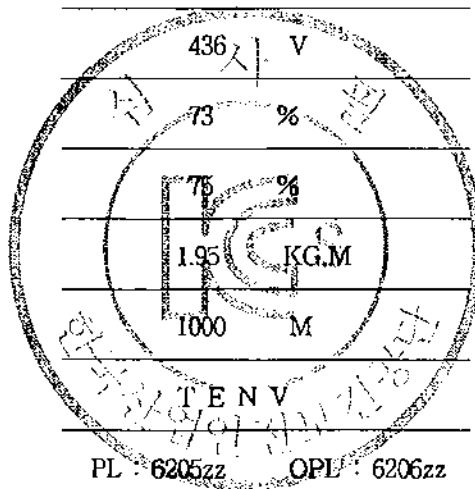
1. SERVICE	HOISTING
2. MANUFACTURE	극동호이스트 (주)
3. FRAME NUMBER	90 L
4. RATED POWER	1.5 KW x 4 P
5. RATED VOLTAGE AND FREQUENCY	460 V 60 Hz
6. MOTOR TYPE	SQUIRREL CAGE ROTOR TYPE
7. SERVICE FACTOR AND RATting	1.0 , 30 MIN
8. LOCATION AND INSULATION CLASS	INDOOR, OUTDOOR, B CLASS
9. DESIGN TRMPERATURE RISE(BY RESISTANCE)	80 ℃
10. FULL LOAD SPEED	1750 RPM
11. FULL LOAD CURRENT	3.5 A
12. LOCKED ROTOR CURRENT	20.0 A
13. MINIMUM STARTING VOLTAGE	418 V
14. EFFICIENCY AT 100% RATED LOAD	73 %
15. POWER FACTOR AT 100% RATED LOAD	75 %
16. FULL LOAD TORQUE	1.95 K.G.M
17. SITE ALTITUDE(UNDER)	1000 M
18. ENCLOSURE & COOLING METHOD	TENV
19. TYPE OF BEARING	PL : 6205zz OPL : 6206zz
20. MOUNTING	HORIZONTAL
21. MAXIMUM AMBIENT TEMPURE	40 ℃
22. BEARING LUBRICATION	GREASE
23. STARTING METHOD	FULL VOLTAGE



THREE PHASE INDUCTION MOTOR DATE SHEET

SCHEDULE OF TECHNICAL DATA

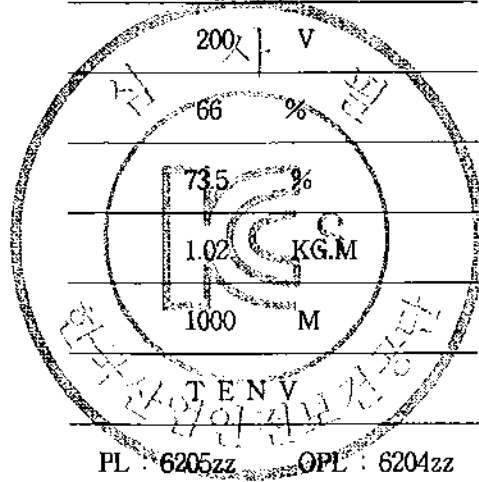
1. SERVICE	HOISTING
2. MANUFACTURE	극동호이스트 (주)
3. FRAME NUMBER	90 L
4. RATED POWER	1.5 KW x 4 P
5. RATED VOLTAGE AND FREQUENCY	480 V 60 Hz
6. MOTOR TYPE	SQUIRREL CAGE ROTOR TYPE
7. SERVICE FACTOR AND RATTING	1.0 , 30 MIN
8. LOCATION AND INSULATION CLASS	INDOOR, OUTDOOR, B CLASS
9. DESIGN TRMPERATURE RISE(BY RESISTANCE)	80 ℃
10. FULL LOAD SPEED	1750 RPM
11. FULL LOAD CURRENT	3.4 A
12. LOCKED ROTOR CURRENT	19.2 A
13. MINIMUM STARTING VOLTAGE	436 V
14. EFFICIENCY AT 100% RATED LOAD	73 %
15. POWER FACTOR AT 100% RATED LOAD	75 %
16. FULL LOAD TORQUE	1.95 KG.M
17. SITE ALTTITUDE(UNDER)	1000 M
18. ENCLOSURE & COOLING METHOD	TENV
19. TYPE OF BEARING	PL : 6205zz OPL : 6206zz
20. MOUNTING	HORIZONTAL
21. MAXIMUM AMBIENT TEMPURE	40 ℃
22. BEARING LUBRICATION	GREASE
23. STARTING METHOD	FULL VOLTAGE



THREE PHASE INDUCTION MOTOR DATE SHEET

SCHEDULE OF TECHNICAL DATA

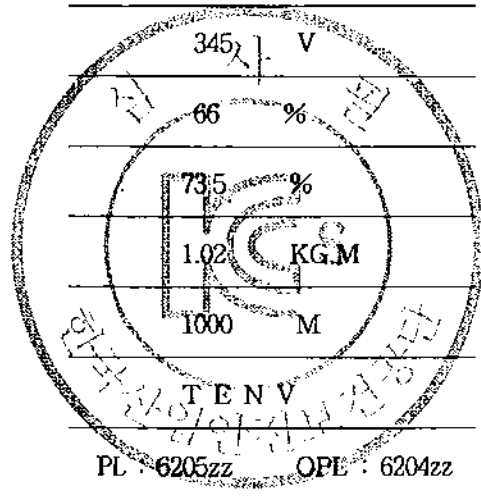
1. SERVICE	TRAVERSING
2. MANUFACTURE	극동호이스트 (주)
3. FRAME NUMBER	90 S
4. RATED POWER	0.75 KW x 4 P
5. RATED VOLTAGE AND FREQUENCY	220 V 60 Hz
6. MOTOR TYPE	SQUIRREL CAGE ROTOR TYPE
7. SERVICE FACTOR AND RATting	1.0 , 30 MIN
8. LOCATION AND INSULATION CLASS	INDOOR, OUTDOOR, B CLASS
9. DESIGN TRMPERATURE RISE(BY RESISTANCE)	80 ℃
10. FULL LOAD SPEED	1760 RPM
11. FULL LOAD CURRENT	4.1 A
12. LOCKED ROTOR CURRENT	22.1 A
13. MINIMUM STARTING VOLTAGE	200 V
14. EFFICIENCY AT 100% RATED LOAD	66 %
15. POWER FACTOR AT 100% RATED LOAD	73.5 %
16. FULL LOAD TORQUE	1.02 KG.M
17. SITE ALTITUDE(UNDER)	1000 M
18. ENCLOSURE & COOLING METHOD	TENV
19. TYPE OF BEARING	PL : 6205zz OPL : 6204zz
20. MOUNTING	HORIZONTAL
21. MAXIMUM AMBIENT TEMPURE	40 ℃
22. BEARING LUBRICATION	GREASE
23. STARTING METHOD	FULL VOLTAGE



THREE PHASE INDUCTION MOTOR DATE SHEET

SCHEDULE OF TECHNICAL DATA

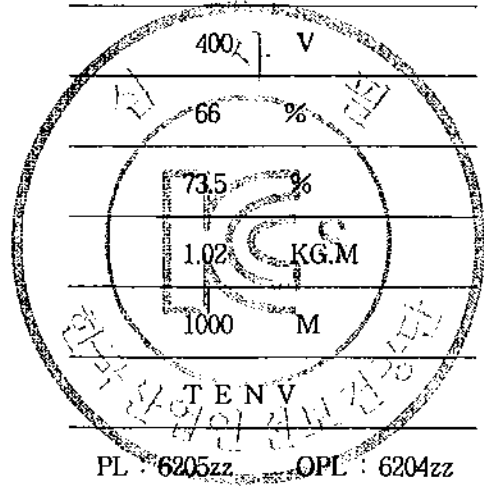
1. SERVICE	TRAVERSING
2. MANUFACTURE	극동호이스트 (주)
3. FRAME NUMBER	90 S
4. RATED POWER	0.75 KW x 4 P
5. RATED VOLTAGE AND FREQUENCY	380 V 60 Hz
6. MOTOR TYPE	SQUIRREL CAGE ROTOR TYPE
7. SERVICE FACTOR AND RATting	1.0 , 30 MIN
8. LOCATION AND INSULATION CLASS	INDOOR, OUTDOOR, B CLASS
9. DESIGN TRMPERATURE RISE(BY RESISTANCE)	80 ℃
10. FULL LOAD SPEED	1760 RPM
11. FULL LOAD CURRENT	2.4 A
12. LOCKED ROTOR CURRENT	12.8 A
13. MINIMUM STARTING VOLTAGE	345 V
14. EFFICIENCY AT 100% RATED LOAD	66 %
15. POWER FACTOR AT 100% RATED LOAD	73.5 %
16. FULL LOAD TORQUE	1.02 KG.M
17. SITE ALTITUDE(UNDER)	1000 M
18. ENCLOSURE & COOLING METHOD	TENV
19. TYPE OF BEARING	PL : 6205zz OPE : 6204zz
20. MOUNTING	HORIZONTAL
21. MAXIMUM AMBIENT TEMPURE	40 ℃
22. BEARING LUBRICATION	GREASE
23. STARTING METHOD	FULL VOLTAGE



THREE PHASE INDUCTION MOTOR DATE SHEET

SCHEDULE OF TECHNICAL DATA

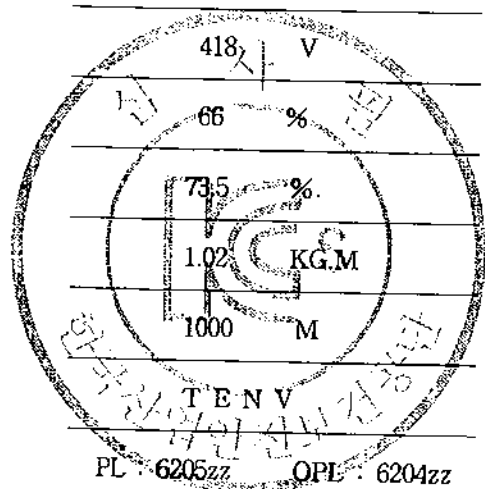
1. SERVICE	TRAVERSING
2. MANUFACTURE	극동호이스트 (주)
3. FRAME NUMBER	90 S
4. RATED POWER	0.75 KW x 4 P
5. RATED VOLTAGE AND FREQUENCY	440 V 60 Hz
6. MOTOR TYPE	SQUIRREL CAGE ROTOR TYPE
7. SERVICE FACTOR AND RATting	1.0 , 30 MIN
8. LOCATION AND INSULATION CLASS	INDOOR, OUTDOOR, B CLASS
9. DESIGN TRMPERATURE RISE(BY RESISTANCE)	80 ℃
10. FULL LOAD SPEED	1760 RPM
11. FULL LOAD CURRENT	2.0 A
12. LOCKED ROTOR CURRENT	11.1 A
13. MINIMUM STARTING VOLTAGE	400 V
14. EFFICIENCY AT 100% RATED LOAD	66 %
15. POWER FACTOR AT 100% RATED LOAD	73.5 %
16. FULL LOAD TORQUE	1.02 KG.M
17. SITE ALTITUDE(UNDER)	1000 M
18. ENCLOSURE & COOLING METHOD	TENV
19. TYPE OF BEARING	PL : 6205zz OPL : 6204zz
20. MOUNTING	HORIZONTAL
21. MAXIMUM AMBIENT TEMPURE	40 ℃
22. BEARING LUBRICATION	GREASE
23. STARTING METHOD	FULL VOLTAGE



THREE PHASE INDUCTION MOTOR DATE SHEET

SCHEDULE OF TECHNICAL DATA

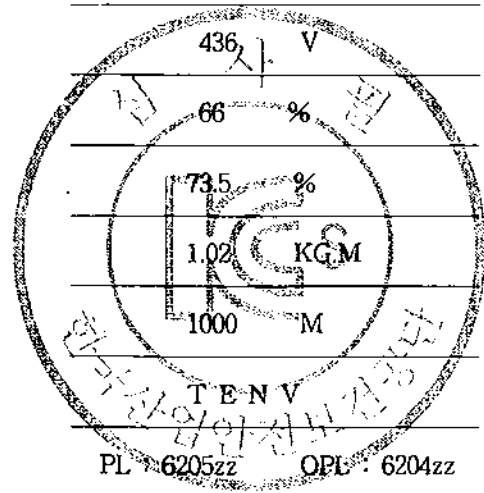
1. SERVICE	TRAVERSING
2. MANUFACTURE	국동호이스트 (주)
3. FRAME NUMBER	90 S
4. RATED POWER	0.75 KW x 4 P
5. RATED VOLTAGE AND FREQUENCY	460 V 60 Hz
6. MOTOR TYPE	SQUIRREL CAGE ROTOR TYPE
7. SERVICE FACTOR AND RATTING	1.0 , 30 MIN
8. LOCATION AND INSULATION CLASS	INDOOR, OUTDOOR, B CLASS
9. DESIGN TRMPERATURE RISE(BY RESISTANCE)	80 ℃
10. FULL LOAD SPEED	1760 RPM
11. FULL LOAD CURRENT	2.0 A
12. LOCKED ROTOR CURRENT	10.6 A
13. MINIMUM STARTING VOLTAGE	418 V
14. EFFICIENCY AT 100% RATED LOAD	66 %
15. POWER FACTOR AT 100% RATED LOAD	73.5 %
16. FULL LOAD TORQUE	1.02 KG.M
17. SITE ALTITUDE(UNDER)	1000 M
18. ENCLOSURE & COOLING METHOD	TENV
19. TYPE OF BEARING	PL : 6205zz OPL : 6204zz
20. MOUNTING	HORIZONTAL
21. MAXIMUM AMBIENT TEMPURE	40 ℃
22. BEARING LUBRICATION	GREASE
23. STARTING METHOD	FULL VOLTAGE



THREE PHASE INDUCTION MOTOR DATE SHEET

SCHEDULE OF TECHNICAL DATA

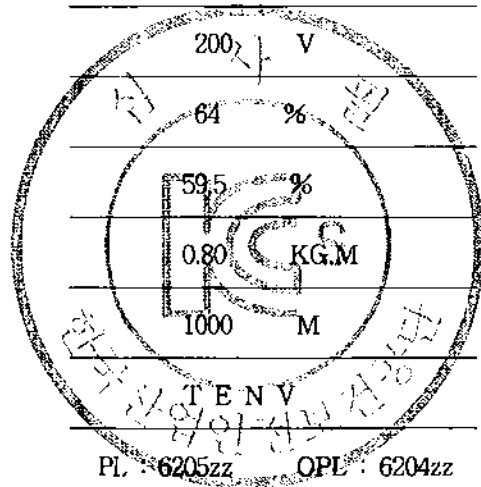
1. SERVICE	TRAVERSING
2. MANUFACTURE	극동호이스트 (주)
3. FRAME NUMBER	90 S
4. RATED POWER	0.75 KW x 4 P
5. RATED VOLTAGE AND FREQUENCY	480 V 60 Hz
6. MOTOR TYPE	SQUIRREL CAGE ROTOR TYPE
7. SERVICE FACTOR AND RATting	1.0 , 30 MIN
8. LOCATION AND INSULATION CLASS	INDOOR, OUTDOOR, B CLASS
9. DESIGN TRMPERATURE RISE(BY RESISTANCE)	80 ℃
10. FULL LOAD SPEED	1760 RPM
11. FULL LOAD CURRENT	1.9 A
12. LOCKED ROTOR CURRENT	10.2 A
13. MINIMUM STARTING VOLTAGE	436 V
14. EFFICIENCY AT 100% RATED LOAD	66 %
15. POWER FACTOR AT 100% RATED LOAD	73.5 %
16. FULL LOAD TORQUE	1.02 KGM
17. SITE ALTITUDE(UNDER)	1000 M
18. ENCLOSURE & COOLING METHOD	TENV
19. TYPE OF BEARING	PL 6205zz OPL 6204zz
20. MOUNTING	HORIZONTAL
21. MAXIMUM AMBIENT TEMPURE	40 ℃
22. BEARING LUBRICATION	GREASE
23. STARTING METHOD	FULL VOLTAGE



THREE PHASE INDUCTION MOTOR DATE SHEET

SCHEDULE OF TECHNICAL DATA

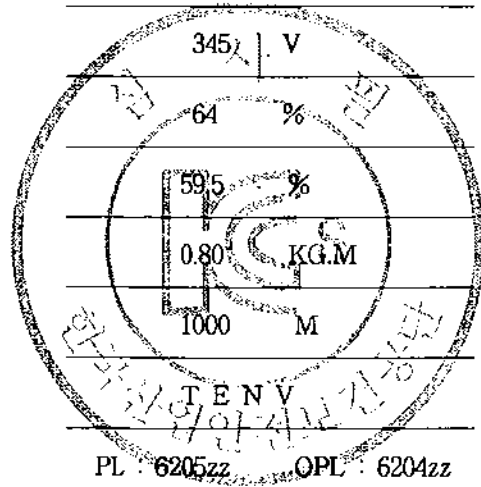
1. SERVICE	TRAVERSING
2. MANUFACTURE	극동호이스트 (주)
3. FRAME NUMBER	90 S
4. RATED POWER	0.5 KW x 6 P
5. RATED VOLTAGE AND FREQUENCY	220 V 60 Hz
6. MOTOR TYPE	SQUIRREL CAGE ROTOR TYPE
7. SERVICE FACTOR AND RATting	1.0 , 30 MIN
8. LOCATION AND INSULATION CLASS	INDOOR, OUTDOOR, B CLASS
9. DESIGN TRMPERATURE RISE(BY RESISTANCE)	80 ℃
10. FULL LOAD SPEED	1160 RPM
11. FULL LOAD CURRENT	3.4 A
12. LOCKED ROTOR CURRENT	16.4 A
13. MINIMUM STARTING VOLTAGE	200 V
14. EFFICIENCY AT 100% RATED LOAD	64 %
15. POWER FACTOR AT 100% RATED LOAD	59.5 %
16. FULL LOAD TORQUE	0.80 KG.M
17. SITE ALTTITUDE(UNDER)	1000 M
18. ENCLOSURE & COOLING METHOD	TENV
19. TYPE OF BEARING	PL : 6205zz OPL : 6204zz
20. MOUNTING	HORIZONTAL
21. MAXIMUM AMBIENT TEMPURE	40 ℃
22. BEARING LUBRICATION	GREASE
23. STARTING METHOD	FULL VOLTAGE



THREE PHASE INDUCTION MOTOR DATE SHEET

SCHEDULE OF TECHNICAL DATA

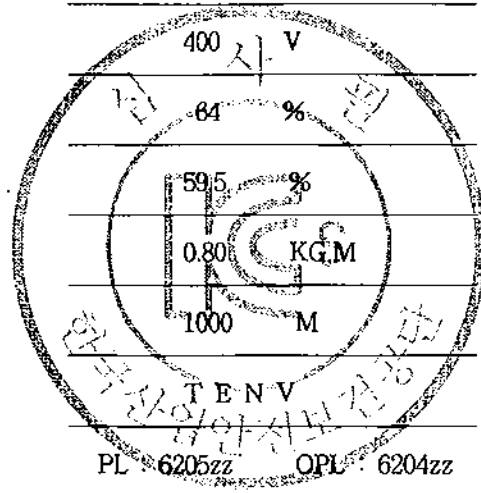
1. SERVICE	TRAVERSING
2. MANUFACTURE	극동호이스트 (주)
3. FRAME NUMBER	90 S
4. RATED POWER	0.5 KW x 6 P
5. RATED VOLTAGE AND FREQUENCY	380 V 60 Hz
6. MOTOR TYPE	SQUIRREL CAGE ROTOR TYPE
7. SERVICE FACTOR AND RATting	1.0 , 30 MIN
8. LOCATION AND INSULATION CLASS	INDOOR, OUTDOOR, B CLASS
9. DESIGN TRMPERATURE RISE(BY RESISTANCE)	80 ℃
10. FULL LOAD SPEED	1160 RPM
11. FULL LOAD CURRENT	2.0 A
12. LOCKED ROTOR CURRENT	9.5 A
13. MINIMUM STARTING VOLTAGE	345 V
14. EFFICIENCY AT 100% RATED LOAD	64 %
15. POWER FACTOR AT 100% RATED LOAD	59.5 %
16. FULL LOAD TORQUE	0.80 KG.M
17. SITE ALTITUDE(UNDER)	1000 M
18. ENCLOSURE & COOLING METHOD	TENV
19. TYPE OF BEARING	PL : 6205zz OPL : 6204zz
20. MOUNTING	HORIZONTAL
21. MAXIMUM AMBIENT TEMPURE	40 ℃
22. BEARING LUBRICATION	GREASE
23. STARTING METHOD	FULL VOLTAGE



THREE PHASE INDUCTION MOTOR DATE SHEET

SCHEDULE OF TECHNICAL DATA

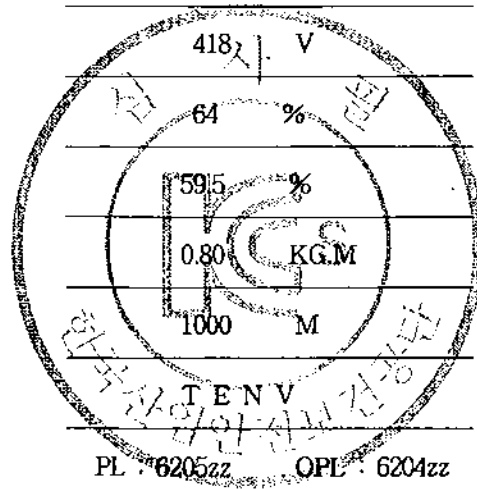
1. SERVICE	TRAVERSING
2. MANUFACTURE	극동호이스트 (주)
3. FRAME NUMBER	90 S
4. RATED POWER	0.5 KW x 6 P
5. RATED VOLTAGE AND FREQUENCY	440 V 60 Hz
6. MOTOR TYPE	SQUIRREL CAGE ROTOR TYPE
7. SERVICE FACTOR AND RATting	1.0 , 30 MIN
8. LOCATION AND INSULATION CLASS	INDOOR, OUTDOOR, B CLASS
9. DESIGN TRMPERATURE RISE(BY RESISTANCE)	80 ℃
10. FULL LOAD SPEED	1160 RPM
11. FULL LOAD CURRENT	1.7 A
12. LOCKED ROTOR CURRENT	8.2 A
13. MINIMUM STARTING VOLTAGE	400 V
14. EFFICIENCY AT 100% RATED LOAD	84 %
15. POWER FACTOR AT 100% RATED LOAD	59.5 %
16. FULL LOAD TORQUE	0.80 KG.M
17. SITE ALTTITUDE(UNDER)	1000 M
18. ENCLOSURE & COOLING METHOD	TENV
19. TYPE OF BEARING	PL 6205zz OPL 6204zz
20. MOUNTING	HORIZONTAL
21. MAXIMUM AMBIENT TEMPURE	40 ℃
22. BEARING LUBRICATION	GREASE
23. STARTING METHOD	FULL VOLTAGE



THREE PHASE INDUCTION MOTOR DATE SHEET

SCHEDULE OF TECHNICAL DATA

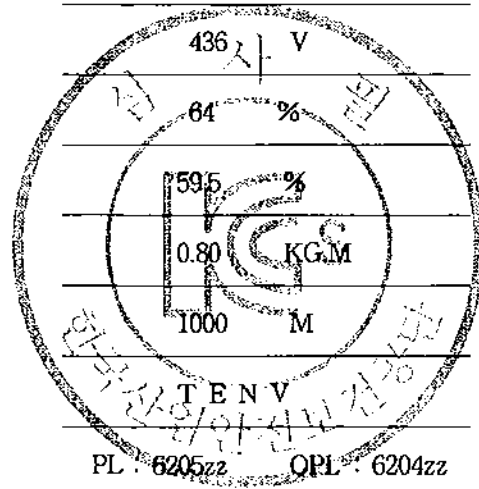
1. SERVICE	TRAVERSING
2. MANUFACTURE	극동호이스트 (주)
3. FRAME NUMBER	90 S
4. RATED POWER	0.5 KW x 6 P
5. RATED VOLTAGE AND FREQUENCY	460 V 60 Hz
6. MOTOR TYPE	SQUIRREL CAGE ROTOR TYPE
7. SERVICE FACTOR AND RATting	1.0 , 30 MIN
8. LOCATION AND INSULATION CLASS	INDOOR, OUTDOOR, B CLASS
9. DESIGN TRMPERATURE RISE(BY RESISTANCE)	80 ℃
10. FULL LOAD SPEED	1160 RPM
11. FULL LOAD CURRENT	1.7 A
12. LOCKED ROTOR CURRENT	7.9 A
13. MINIMUM STARTING VOLTAGE	418 V
14. EFFICIENCY AT 100% RATED LOAD	64 %
15. POWER FACTOR AT 100% RATED LOAD	59.5 %
16. FULL LOAD TORQUE	0.80 KG.M
17. SITE ALTTITUDE(UNDER)	1000 M
18. ENCLOSURE & COOLING METHOD	TENV
19. TYPE OF BEARING	PL : 6205zz OPL : 6204zz
20. MOUNTING	HORIZONTAL
21. MAXIMUM AMBIENT TEMPURE	40 ℃
22. BEARING LUBRICATION	GREASE
23. STARTING METHOD	FULL VOLTAGE



THREE PHASE INDUCTION MOTOR DATE SHEET

SCHEDULE OF TECHNICAL DATA

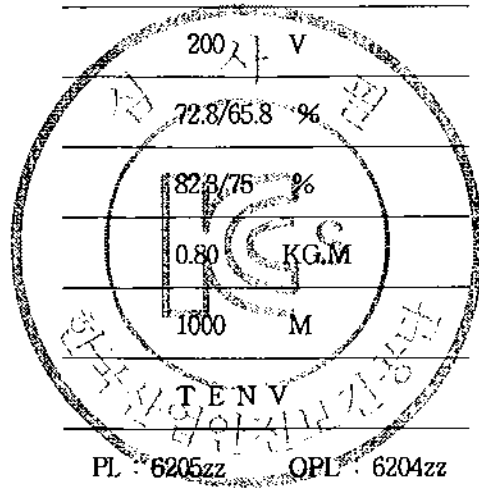
1. SERVICE	TRAVERSING
2. MANUFACTURE	극동호이스트 (주)
3. FRAME NUMBER	90 S
4. RATED POWER	0.5 KW x 6 P
5. RATED VOLTAGE AND FREQUENCY	480 V 60 Hz
6. MOTOR TYPE	SQUIRREL CAGE ROTOR TYPE
7. SERVICE FACTOR AND RATTING	1.0 , 30 MIN
8. LOCATION AND INSULATION CLASS	INDOOR, OUTDOOR, B CLASS
9. DESIGN TRMPERATURE RISE(BY RESISTANCE)	80 ℃
10. FULL LOAD SPEED	1160 RPM
11. FULL LOAD CURRENT	1.6 A
12. LOCKED ROTOR CURRENT	7.5 A
13. MINIMUM STARTING VOLTAGE	436 V
14. EFFICIENCY AT 100% RATED LOAD	64 %
15. POWER FACTOR AT 100% RATED LOAD	59.5 %
16. FULL LOAD TORQUE	0.80 KGM
17. SITE ALTTITUDE(UNDER)	1000 M
18. ENCLOSURE & COOLING METHOD	TENV
19. TYPE OF BEARING	PL : 6205zz QPL : 6204zz
20. MOUNTING	HORIZONTAL
21. MAXIMUM AMBIENT TEMPURE	40 ℃
22. BEARING LUBRICATION	GREASE
23. STARTING METHOD	FULL VOLTAGE



THREE PHASE INDUCTION MOTOR DATE SHEET

SCHEDULE OF TECHNICAL DATA

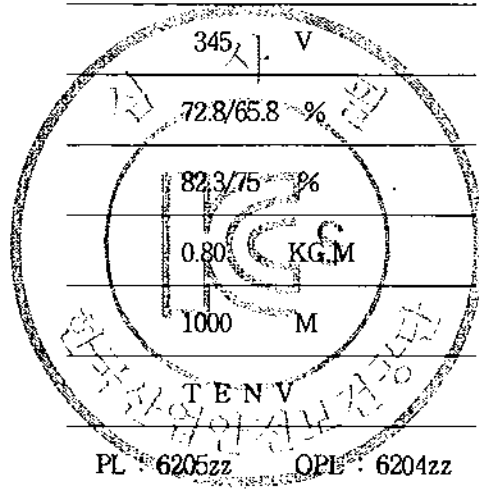
1. SERVICE	TRAVERSING
2. MANUFACTURE	국동호이스트 (주)
3. FRAME NUMBER	90 M
4. RATED POWER	0.8/0.4 KW x 4/8 P
5. RATED VOLTAGE AND FREQUENCY	220 V 60 Hz
6. MOTOR TYPE	SQUIRREL CAGE ROTOR TYPE
7. SERVICE FACTOR AND RATting	1.0 , 30 MIN
8. LOCATION AND INSULATION CLASS	INDOOR, OUTDOOR, B CLASS
9. DESIGN TRMPERATURE RISE(BY RESISTANCE)	80 ℃
10. FULL LOAD SPEED	1750 / 850 RPM
11. FULL LOAD CURRENT	4.8/4.25 A
12. LOCKED ROTOR CURRENT	14.2/13.6 A
13. MINIMUM STARTING VOLTAGE	200 V
14. EFFICIENCY AT 100% RATED LOAD	72.8/65.8 %
15. POWER FACTOR AT 100% RATED LOAD	82.8/75 %
16. FULL LOAD TORQUE	0.80 K.G.M
17. SITE ALTTITUDE(UNDER)	1000 M
18. ENCLOSURE & COOLING METHOD	TENV
19. TYPE OF BEARING	PL : 6205zz OPL : 6204zz
20. MOUNTING	HORIZONTAL
21. MAXIMUM AMBIENT TEMPURE	40 ℃
22. BEARING LUBRICATION	GREASE
23. STARTING METHOD	FULL VOLTAGE



THREE PHASE INDUCTION MOTOR DATE SHEET

SCHEDULE OF TECHNICAL DATA

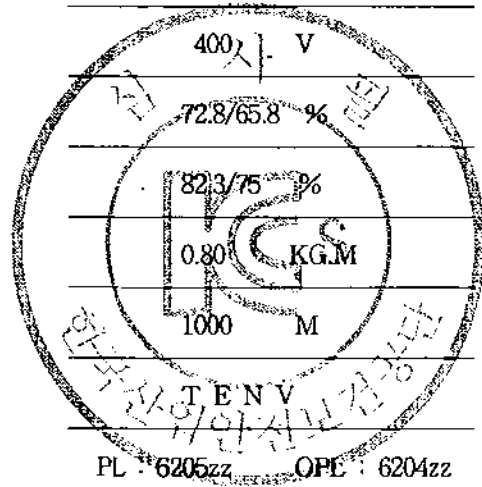
1. SERVICE	TRAVERSING
2. MANUFACTURE	극동호이스트 (주)
3. FRAME NUMBER	90 M
4. RATED POWER	0.8/0.4 KW x 4/8 P
5. RATED VOLTAGE AND FREQUENCY	380 V 60 Hz
6. MOTOR TYPE	SQUIRREL CAGE ROTOR TYPE
7. SERVICE FACTOR AND RATting	1.0 , 30 MIN
8. LOCATION AND INSULATION CLASS	INDOOR, OUTDOOR, B CLASS
9. DESIGN TRMPERATURE RISE(BY RESISTANCE)	80 ℃
10. FULL LOAD SPEED	1750 / 850 RPM
11. FULL LOAD CURRENT	2.78/2.63 A
12. LOCKED ROTOR CURRENT	9.2/6.3 A
13. MINIMUM STARTING VOLTAGE	345 V
14. EFFICIENCY AT 100% RATED LOAD	72.8/65.8 %
15. POWER FACTOR AT 100% RATED LOAD	82.3/75 %
16. FULL LOAD TORQUE	0.80 KG.M
17. SITE ALTTITUDE(UNDER)	1000 M
18. ENCLOSURE & COOLING METHOD	TENV
19. TYPE OF BEARING	PL : 6205zz OPL : 6204zz
20. MOUNTING	HORIZONTAL
21. MAXIMUM AMBIENT TEMPURE	40 ℃
22. BEARING LUBRICATION	GREASE
23. STARTING METHOD	FULL VOLTAGE



THREE PHASE INDUCTION MOTOR DATE SHEET

SCHEDULE OF TECHNICAL DATA

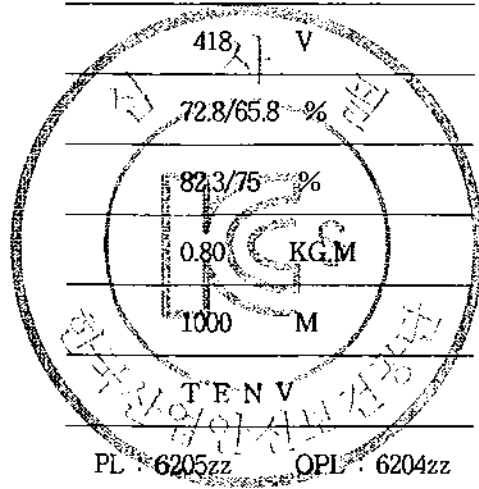
1. SERVICE	TRAVERSING
2. MANUFACTURE	국동호이스트 (주)
3. FRAME NUMBER	90 M
4. RATED POWER	0.8/0.4 KW x 4/8 P
5. RATED VOLTAGE AND FREQUENCY	440 V 60 Hz
6. MOTOR TYPE	SQUIRREL CAGE ROTOR TYPE
7. SERVICE FACTOR AND RATting	1.0 , 30 MIN
8. LOCATION AND INSULATION CLASS	INDOOR, OUTDOOR, B CLASS
9. DESIGN TRMPERATURE RISE(BY RESISTANCE)	80 ℃
10. FULL LOAD SPEED	1750 / 850 RPM
11. FULL LOAD CURRENT	2.4/2.27 A
12. LOCKED ROTOR CURRENT	8.6/6.21 A
13. MINIMUM STARTING VOLTAGE	400 V
14. EFFICIENCY AT 100% RATED LOAD	72.8/65.8 %
15. POWER FACTOR AT 100% RATED LOAD	82.3/75 %
16. FULL LOAD TORQUE	0.80 KG.M
17. SITE ALTITUDE(UNDER)	1000 M
18. ENCLOSURE & COOLING METHOD	TENV
19. TYPE OF BEARING	PL : 6205zz OPE : 6204zz
20. MOUNTING	HORIZONTAL
21. MAXIMUM AMBIENT TEMPURE	40 ℃
22. BEARING LUBRICATION	GREASE
23. STARTING METHOD	FULL VOLTAGE



THREE PHASE INDUCTION MOTOR DATE SHEET

SCHEDULE OF TECHNICAL DATA

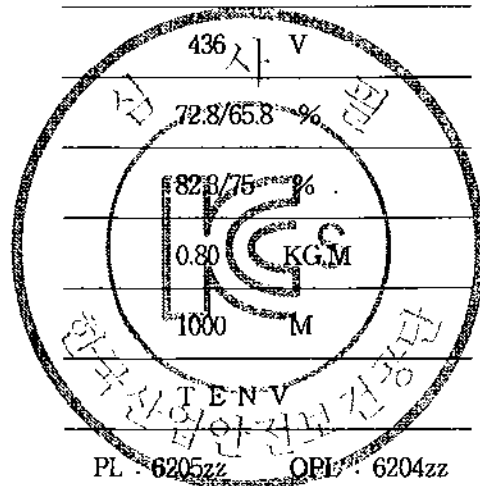
1. SERVICE	TRAVERSING
2. MANUFACTURE	극동호이스트 (주)
3. FRAME NUMBER	90 M
4. RATED POWER	0.8/0.4 KW x 4/8 P
5. RATED VOLTAGE AND FREQUENCY	460 V 60 Hz
6. MOTOR TYPE	SQUIRREL CAGE ROTOR TYPE
7. SERVICE FACTOR AND RATting	1.0 , 30 MIN
8. LOCATION AND INSULATION CLASS	INDOOR, OUTDOOR, B CLASS
9. DESIGN TRMPERATURE RISE(BY RESISTANCE)	80 ℃
10. FULL LOAD SPEED	1750 / 850 RPM
11. FULL LOAD CURRENT	2.3/2.17 A
12. LOCKED ROTOR CURRENT	8.5/6.18 A
13. MINIMUM STARTING VOLTAGE	418 V
14. EFFICIENCY AT 100% RATED LOAD	72.8/65.8 %
15. POWER FACTOR AT 100% RATED LOAD	82.3/75 %
16. FULL LOAD TORQUE	0.80 KG.M
17. SITE ALTITUDE(UNDER)	1000 M
18. ENCLOSURE & COOLING METHOD	TENV
19. TYPE OF BEARING	PL : 6205zz OPL : 6204zz
20. MOUNTING	HORIZONTAL
21. MAXIMUM AMBIENT TEMPURE	40 ℃
22. BEARING LUBRICATION	GREASE
23. STARTING METHOD	FULL VOLTAGE



THREE PHASE INDUCTION MOTOR DATE SHEET

SCHEDULE OF TECHNICAL DATA

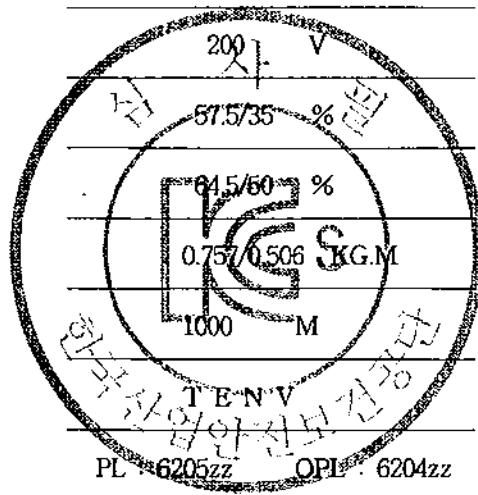
1. SERVICE	TRAVERSING
2. MANUFACTURE	국동호이스트 (주)
3. FRAME NUMBER	90 M
4. RATED POWER	0.8/0.4 KW x 4/8 P
5. RATED VOLTAGE AND FREQUENCY	480 V 60 Hz
6. MOTOR TYPE	SQUIRREL CAGE ROTOR TYPE
7. SERVICE FACTOR AND RATTING	1.0 , 30 MIN
8. LOCATION AND INSULATION CLASS	INDOOR, OUTDOOR, B CLASS
9. DESIGN TRMPERATURE RISE(BY RESISTANCE)	80 ℃
10. FULL LOAD SPEED	1750 / 850 RPM
11. FULL LOAD CURRENT	2.3/2.1 A
12. LOCKED ROTOR CURRENT	8.4/6.15 A
13. MINIMUM STARTING VOLTAGE	436 V
14. EFFICIENCY AT 100% RATED LOAD	72.8/65.8 %
15. POWER FACTOR AT 100% RATED LOAD	82.8/75 %
16. FULL LOAD TORQUE	0.80 KGM
17. SITE ALTTITUDE(UNDER)	1000 M
18. ENCLOSURE & COOLING METHOD	TENV
19. TYPE OF BEARING	PL : 6205zz OPI : 6204zz
20. MOUNTING	HORIZONTAL
21. MAXIMUM AMBIENT TEMPURE	40 ℃
22. BEARING LUBRICATION	GREASE
23. STARTING METHOD	FULL VOLTAGE



THREE PHASE INDUCTION MOTOR DATE SHEET

SCHEDULE OF TECHNICAL DATA

1. SERVICE	TRAVERSING
2. MANUFACTURE	극동호이스트 (주)
3. FRAME NUMBER	90 L
4. RATED POWER	0.5/0.25 KW x 6/12 P
5. RATED VOLTAGE AND FREQUENCY	220 V 60 Hz
6. MOTOR TYPE	SQUIRREL CAGE ROTOR TYPE
7. SERVICE FACTOR AND RATting	1.0 , 30 MIN
8. LOCATION AND INSULATION CLASS	INDOOR, OUTDOOR, B CLASS
9. DESIGN TRMPERATURE RISE(BY RESISTANCE)	80 ℃
10. FULL LOAD SPEED	1050/460 RPM
11. FULL LOAD CURRENT	3.2/3.6 A
12. STARTING CURRENT AT RATED VOLTAGE	12.8/10.8 A
13. MINIMUM STARTING VOLTAGE	200 V
14. EFFICIENCY AT 100% RATED LOAD	81.5/35 %
15. POWER FACTOR AT 100% RATED LOAD	84.5/60 %
16. STARTING TORQUE	0.75/0.506 K.G.M
17. SITE ALTITUDE(UNDER)	1000 M
18. ENCLOSURE & COOLING METHOD	TENV
19. TYPE OF BEARING	PL : 6205zz OPL : 6204zz
20. MOUNTING	HORIZONTAL
21. MAXIMUM AMBIENT TEMPURE	40 ℃
22. BEARING LUBRICATION	GREASE
23. STARTING METHOD	FULL VOLTAGE



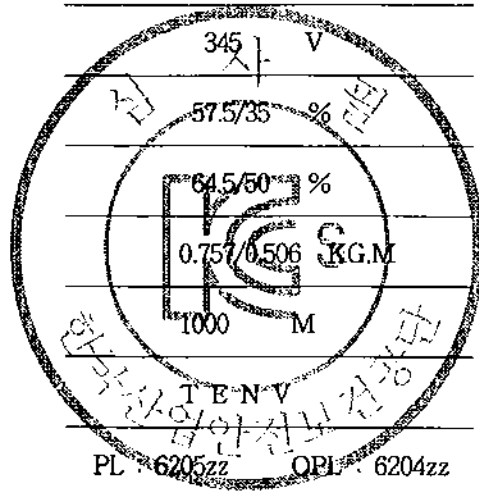
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THREE PHASE INDUCTION MOTOR DATE SHEET

SCHEDULE OF TECHNICAL DATA

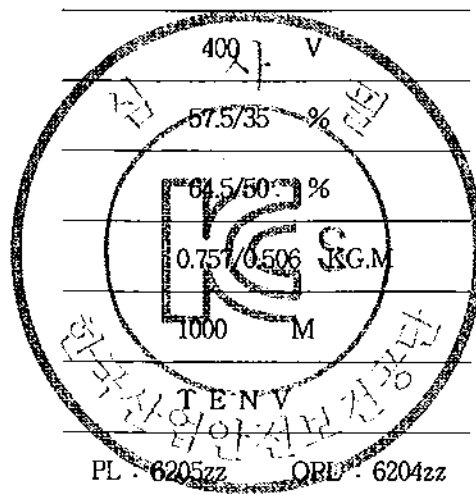
1. SERVICE	TRAVERSING
2. MANUFACTURE	극동호이스트 (주)
3. FRAME NUMBER	90 L
4. RATED POWER	0.5/025 KW x 6/12 P
5. RATED VOLTAGE AND FREQUENCY	380 V 60 Hz
6. MOTOR TYPE	SQUIRREL CAGE ROTOR TYPE
7. SERVICE FACTOR AND RATting	1.0 , 30 MIN
8. LOCATION AND INSULATION CLASS	INDOOR, OUTDOOR, B CLASS
9. DESIGN TRMPERATURE RISE(BY RESISTANCE)	80 ℃
10. FULL LOAD SPEED	1050/460 RPM
11. FULL LOAD CURRENT	1.85/2.08 A
12. STARTING CURRENT AT RATED VOLTAGE	7.41/6.25 A
13. MINIMUM STARTING VOLTAGE	345 V
14. EFFICIENCY AT 100% RATED LOAD	57.5/35 %
15. POWER FACTOR AT 100% RATED LOAD	64.5/50 %
16. STARTING TORQUE	0.75/0.506 KG.M
17. SITE ALTTITUDE(UNDER)	1000 M
18. ENCLOSURE & COOLING METHOD	TENV
19. TYPE OF BEARING	PL 6205zz QPL 6204zz
20. MOUNTING	HORIZONTAL
21. MAXIMUM AMBIENT TEMPURE	40 ℃
22. BEARING LUBRICATION	GREASE
23. STARTING METHOD	FULL VOLTAGE



THREE PHASE INDUCTION MOTOR DATE SHEET

SCHEDULE OF TECHNICAL DATA

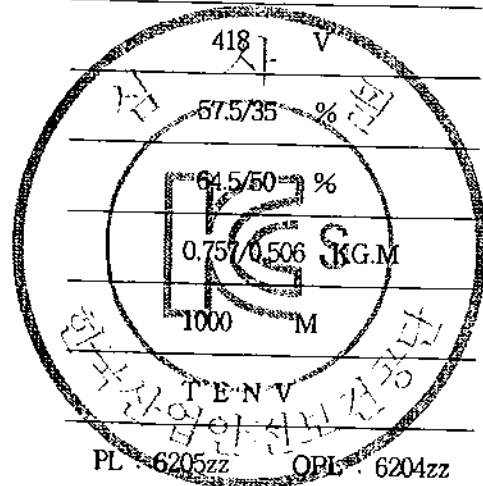
1. SERVICE	TRAVERSING
2. MANUFACTURE	극동호이스트 (주)
3. FRAME NUMBER	90 L
4. RATED POWER	0.5/0.25 KW x 6/12 P
5. RATED VOLTAGE AND FREQUENCY	440 V 60 Hz
6. MOTOR TYPE	SQUIRREL CAGE ROTOR TYPE
7. SERVICE FACTOR AND RATting	1.0 , 30 MIN
8. LOCATION AND INSULATION CLASS	INDOOR, OUTDOOR, B CLASS
9. DESIGN TRMPERATURE RISE(BY RESISTANCE)	80 ℃
10. FULL LOAD SPEED	1050/460 RPM
11. FULL LOAD CURRENT	1.6/1.8 A
12. STARTING CURRENT AT RATED VOLTAGE	6.4/5.4 A
13. MINIMUM STARTING VOLTAGE	400 V
14. EFFICIENCY AT 100% RATED LOAD	57.5/35 %
15. POWER FACTOR AT 100% RATED LOAD	64.5/50 %
16. STARTING TORQUE	0.75/0.506 K.G.M
17. SITE ALTITUDE(UNDER)	1000 M
18. ENCLOSURE & COOLING METHOD	TENV
19. TYPE OF BEARING	PL : 6205zz ORL : 6204zz
20. MOUNTING	HORIZONTAL
21. MAXIMUM AMBIENT TEMPURE	40 ℃
22. BEARING LUBRICATION	GREASE
23. STARTING METHOD	FULL VOLTAGE



THREE PHASE INDUCTION MOTOR DATE SHEET

SCHEDULE OF TECHNICAL DATA

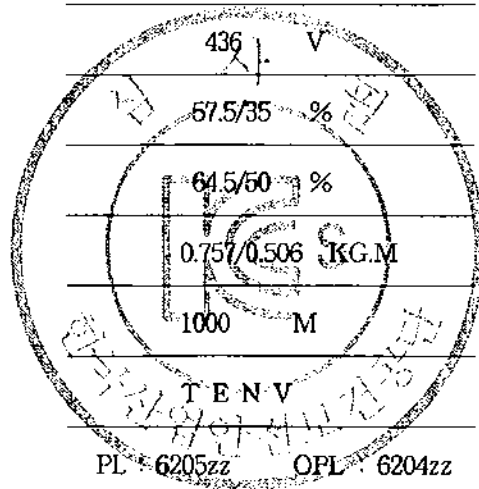
1. SERVICE	TRAVERSING
2. MANUFACTURE	극동호이스트 (주)
3. FRAME NUMBER	90 L
4. RATED POWER	0.5/025 KW x 6/12 P
5. RATED VOLTAGE AND FREQUENCY	460 V 60 Hz
6. MOTOR TYPE	SQUIRREL CAGE ROTOR TYPE
7. SERVICE FACTOR AND RATting	1.0 , 30 MIN
8. LOCATION AND INSULATION CLASS	INDOOR, OUTDOOR, B CLASS
9. DESIGN TRMPERATURE RISE(BY RESISTANCE)	80 ℃
10. FULL LOAD SPEED	1050/460 RPM
11. FULL LOAD CURRENT	1.5/1.72 A
12. STARTING CURRENT AT RATED VOLTAGE	6.2/5.3 A
13. MINIMUM STARTING VOLTAGE	418 V
14. EFFICIENCY AT 100% RATED LOAD	67.5/35 %
15. POWER FACTOR AT 100% RATED LOAD	64.5/50 %
16. STARTING TORQUE	0.757/0.506 K.G.M
17. SITE ALTTITUDE(UNDER)	1000 M
18. ENCLOSURE & COOLING METHOD	TEN V
19. TYPE OF BEARING	PL : 6205zz OBL : 6204zz
20. MOUNTING	HORIZONTAL
21. MAXIMUM AMBIENT TEMPURE	40 ℃
22. BEARING LUBRICATION	GREASE
23. STARTING METHOD	FULL VOLTAGE



THREE PHASE INDUCTION MOTOR DATE SHEET

SCHEDULE OF TECHNICAL DATA

1. SERVICE	TRAVERSING
2. MANUFACTURE	극동호이스트 (주)
3. FRAME NUMBER	90 L
4. RATED POWER	0.5/025 KW x 6/12 P
5. RATED VOLTAGE AND FREQUENCY	480 V 60 Hz
6. MOTOR TYPE	SQUIRREL CAGE ROTOR TYPE
7. SERVICE FACTOR AND RATTING	1.0 , 30 MIN
8. LOCATION AND INSULATION CLASS	INDOOR, OUTDOOR, B CLASS
9. DESIGN TRMPERATURE RISE(BY RESISTANCE)	80 ℃
10. FULL LOAD SPEED	1050/460 RPM
11. FULL LOAD CURRENT	1.4/1.6 A
12. STARTING CURRENT AT RATED VOLTAGE	5.82/4.93 A
13. MINIMUM STARTING VOLTAGE	436 V
14. EFFICIENCY AT 100% RATED LOAD	57.5/35 %
15. POWER FACTOR AT 100% RATED LOAD	64.5/50 %
16. STARTING TORQUE	0.757/0.506 KG.M
17. SITE ALTTITUDE(UNDER)	1000 M
18. ENCLOSURE & COOLING METHOD	TENV
19. TYPE OF BEARING	PL 6205zz OPL 6204zz
20. MOUNTING	HORIZONTAL
21. MAXIMUM AMBIENT TEMPURE	40 ℃
22. BEARING LUBRICATION	GREASE
23. STARTING METHOD	FULL VOLTAGE





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ISSUE NO. PW9034

DATE Mar. 29, 2010

MILL TEST CERTIFICATE

THIS IS TO CERTIFY THAT THE MATERIAL DESCRIBED BELOW WAS MANUFACTURED
IN ACCORDANCE WITH KISWIRE LTD SPECIFICATION AND APPLICABLE SECTIONS

OF KSD 3514 (B Grade)

TO MESSRS

MATERIAL DESCRIPTION UNGALVANIZED STEEL WIRE ROPE

06 X 37 + FC 1000M X 4 REEL

EX NO. PW9034

T/T NO.

ORDER NO. REEL NO. 1~4 SAMPLING NO. 1

DIAMETER OF ROPE 9.0 mm TYPE OF CORE Fiber Core

SPECIFIED BREAKING LOAD 45.9 kN SAMPLE BROKE AT 51.6 kN

WT. OF ZINC COATING OF OUTER WIRE MIN. g/m² MAX. g/m²

ROPE LAY RHRL LAY LENGTH 58.2 mm

LUBRICATION A-2

CHEMICAL ANALYSIS OF WIRE ROD

CHARGE NO.	C×100	Si×100	Mn×100	P×1000	S×1000
053358E	70	20	75	16	5

DATE OF SAMPLE TEST Mar. 07, 2010

CHIEF INSPECTOR D.S.NA
KISWIRE QINGDAO LTD.

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