



제 2014 - 25388 호

안 전 인 증 서

(사업장명)

극동호이스트(주)

(소재지)

(425-833)경기도 안산시 성곡동630-2

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 _____

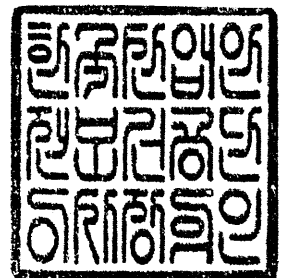
KD3-DL (3.0Ton) /14-AQ2AC-02216

_____ 인 증 기 준 _____

고용노동부 고시 제2012 - 33호 (위험기계,기구 의무안전인증 고시)

_____ 인 증 조 건 _____

2014년 07월 07일



한국산업안전보건공단이사장



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				
형식 (규격)		KD3-DL	용량 (등급)	3.0 Ton

산업안전보건법 제 34조 및 같은 법 시행규칙 제58조의4에 따라 실시한

[] 예비심사

[√] 서면심사

[] 기술능력 및 생산체계 심사

결과가 [√] 적 합
[] 부적합

함을 통지합니다.

[] 개별 제품심사

[] 개별 제품심사(제작중)

[] 형식별 제품심사

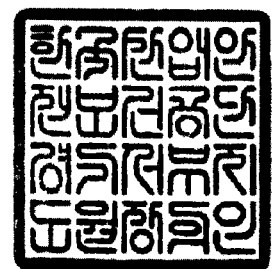
2011년 11월 02일

인증심사원

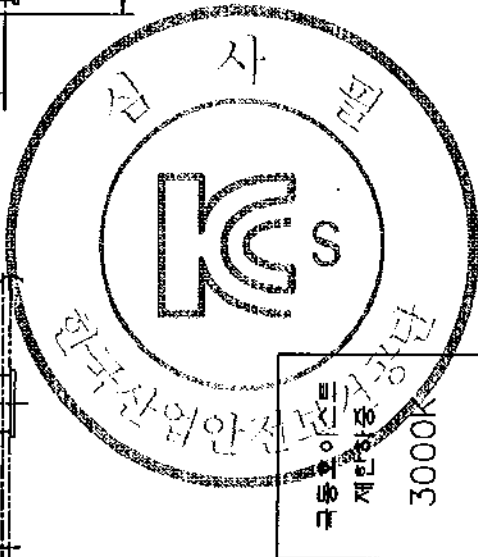
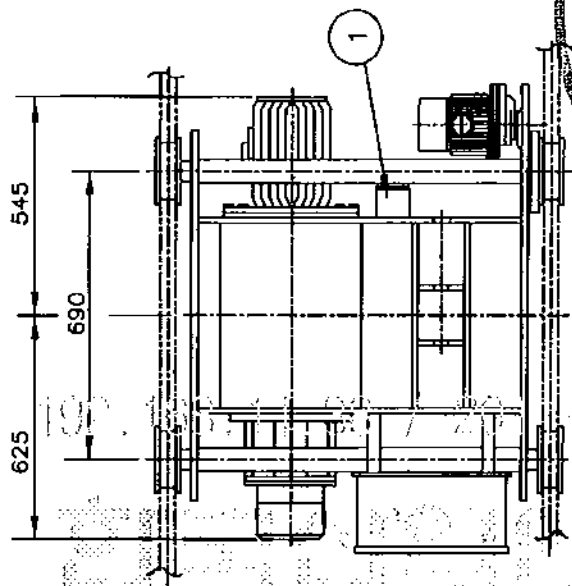
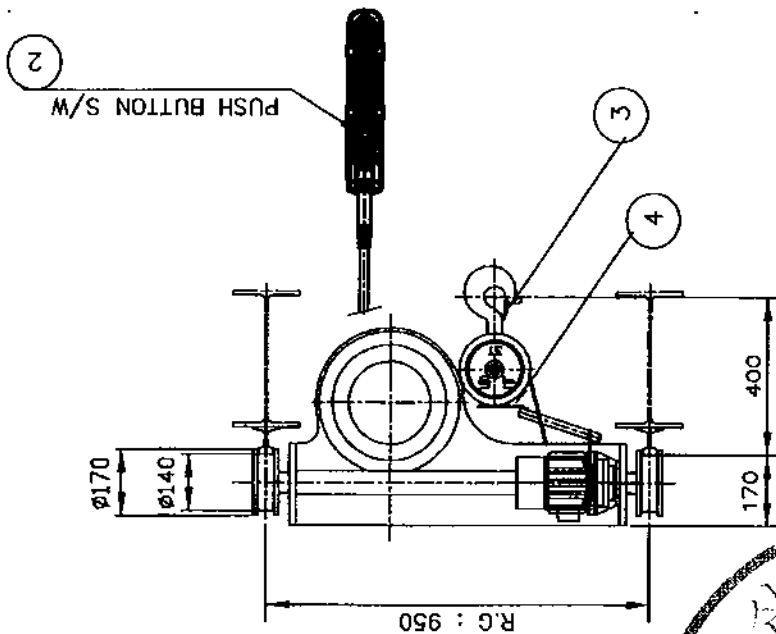
조성준 변명수

조성준

한국산업안전보건공단 경기서부지도원장



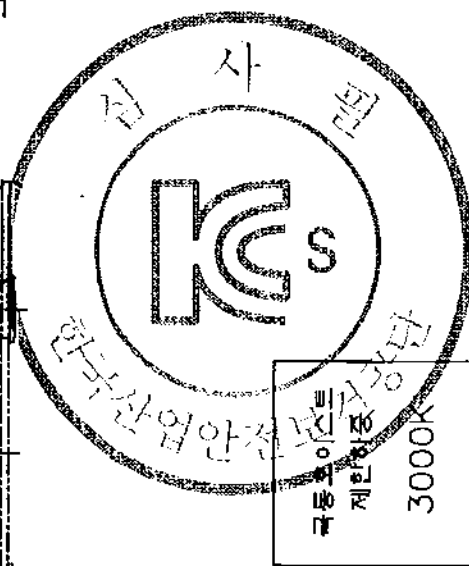
SPECIFICATION			
HOISTING LOAD		3,000	KG
TESTING LOAD		3,750	KG
LIFT		6	M
RATING		30	MIN
HOISTING	SPEED	HIGH	9.0 M/MIN
		LOW	4.5 M/MIN
	MOTOR	HIGH	5.5 KW x 4 P
		LOW	2.8 KW x 8 P
TRAVERSING	SPEED	HIGH	24 M/MIN
		LOW	16 M/MIN
	MOTOR	HIGH	0.75 KW x 4 P
		LOW	0.5 KW x 6 P
	SPEED	DUAL HIGH	24/12 M/MIN
		DUAL HIGH	16/8 M/MIN
	MOTOR	DUAL HIGH	0.8/0.4 KW x 4/8 P
		DUAL HIGH	0.5/0.25 KW x 6/12 P
WIRE ROPE		(5x37) # 9 x 4 FALLS	
POWER SOURCE		AC3# 220(380,440,480,480)V 60Hz	
COLOR		10 B 3/5	
WEIGHT		480 KG	

[illegible]

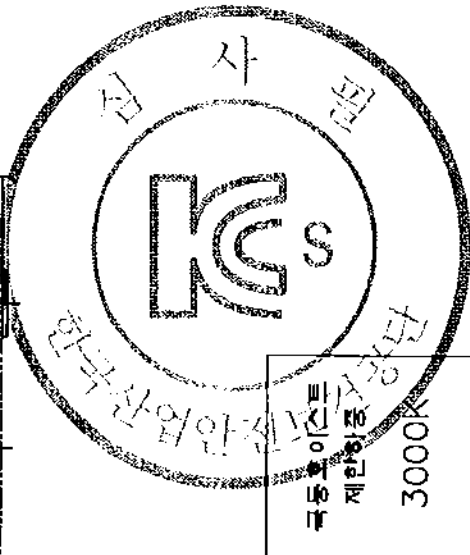
3000K 제안하중

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4	UPPER LIMIT S/W	SS400	1							
3	SAFETY LATCH	SPC	1							
2	EMERGENCY S/W	-	1							
1	LOAD LIMITER	-	1							
NO.	DESCRIPTION	MTL	SUB	TOTAL	SUB	TOTAL	REMARKS	DATE	DIM	
			QTY			WEIGHT(KG)				
PROJECT										
TITLE	KD3-L9-DL					SCALE		PROJECTION		
	ARRANGEMENT DRAWING FOR HOIST					A3/15		3rd		
DRAWN	DESIGNED	CHECKED	APPROVED			REF. DRAWING				
 KID KUK DONG HOIST CO., LTD.								SHEET No.		DWG No.



4	UPPER LIMIT S/W	SS400	1						
3	SAFETY LATCH	SPC	1						
2	EMERGENCY S/W	—	1						
1	LOAD LIMITER	—	1						
NO.	DESCRIPTION	MTL	SUB QTY	TOTAL	SUB WEIGHT(%)	TOTAL	REMARKS.		
PROJECT					DATE		DIM mm		
TITLE		KD3-L12-DL			SCALE		PROJECTION		
		ARRANGEMENT DRAWING FOR HOIST			A3/15		3rd		
DRAWN	DESIGNED	CHECKED	APPROVED	REF. DRAWING					
 KID KUK DONG HOIST CO., LTD.		KUK DONG HOIST CO. 주식회사 KUK DONG HOIST CO., LTD.			SHEET No.		DWG No.		

ELECTRICAL SYMBOL LIST

DESCRIPTION	SYMBOLS	DESCRIPTION	SYMBOLS	DESCRIPTION	SYMBOLS		DESCRIPTION	SYMBOLS		DESCRIPTION	SYMBOLS	
					MAKE	BREAK		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					LIMIT SWITCH					
EC BRAKE		POTENTIAL TRANSFORMER					PUSH-BUTTON SWITCH					
RECTIFIER		FUSE					EMERGENCY PUSH-BUTTON SWITCH					
LOAD LIMITER ELECTRICAL TYPE		FUSE-WITH CONTACTOR					KEY SWITCH					
ELECTRONIC OVER CURRENT RELAY		RESISTOR UNIT					FOOT SWITCH					

[illegible]

ZOOH007

BUZZER

ANODE LAMP

VOLT-METER

WATER

S

자

수

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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	BRAKE	REMARK
		STATOR CURRENT	1st CABLE SIZE	STATOR CURRENT	1st CABLE SIZE	STATOR CURRENT	STATOR CURRENT	STATOR CURRENT	1st CABLE SIZE		
MAIN HOIST	HIGH 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	
	LOW 2.8KW x 8P 30 MIN	17.70 A	6.0 sq	10.30 A	6.0 sq	8.9 A	7.7 A	7.3 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 23.10 A	10.0 sq	14.30 A	6.0 sq	12.60 A	11.40 A	10.90 A	6.0 sq	I(A)=M/H + T/S + ASS'Y	

* 위 계산은 HIGH(MAX.)일때와 LOW(MIN.)일때만 계산한것임.

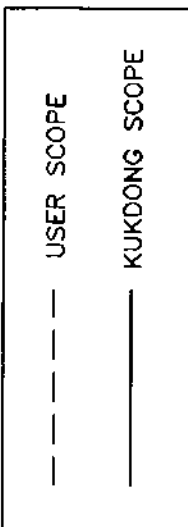
* 위 계산은 LIST 6, 9, 12M에 적용.

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	HOST POWER SOURCE WITH EARTH	WOT 10SQ x 1C
6	HOISTING MOTOR WITH EARTH	WOT 6.0SQ x 1C
7	TRAVELING MOTOR WITH EARTH	WOT 4.0SQ x 1C

* CV CABLE 4C용 1C는 EARTH로 사용함.

- NOTE -

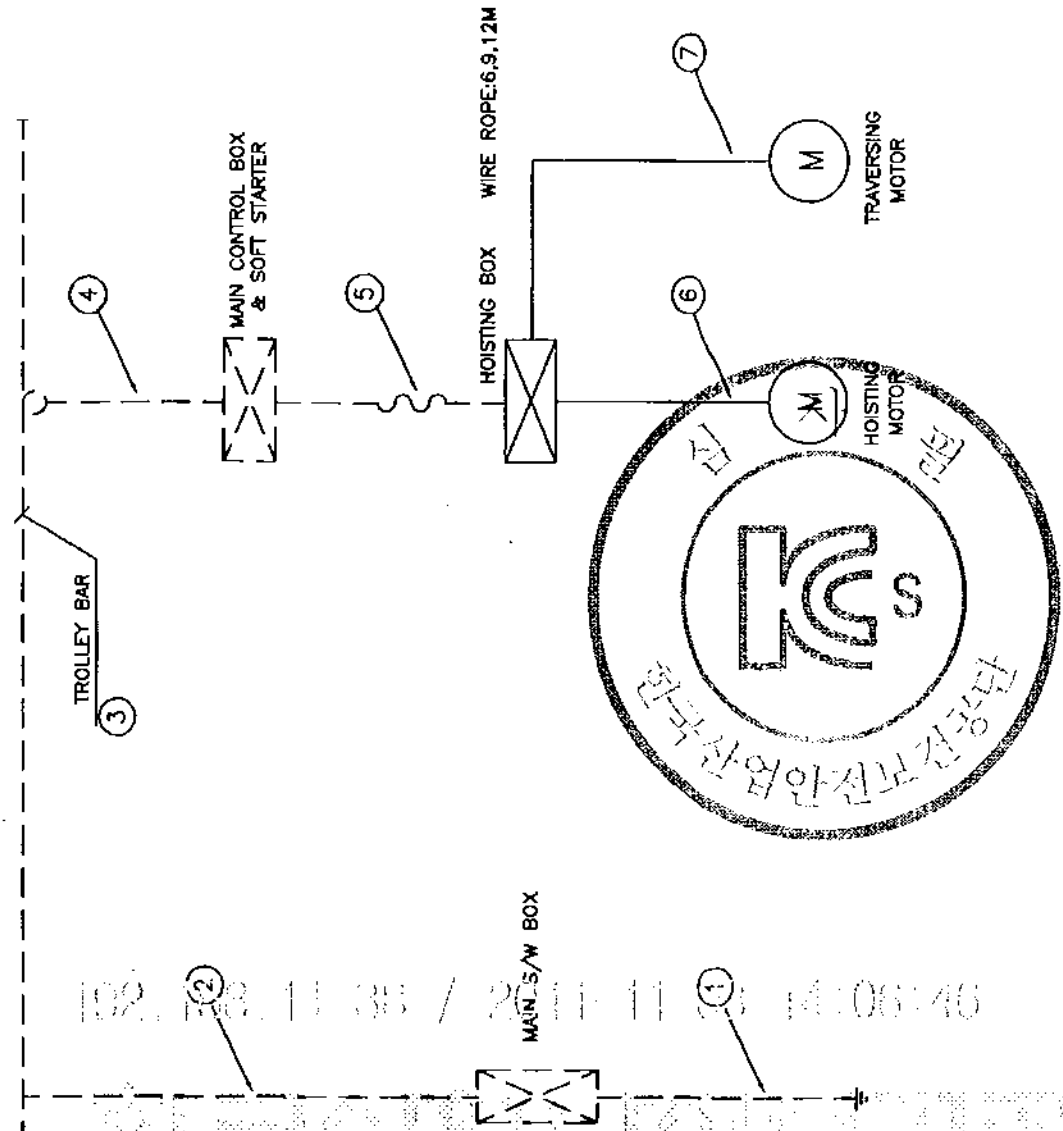
- 전원기 외장, 제어반의 프래임 등은 접지함
이 그 접지 저항은
- 400V 미만 : 100옴 이하임.(3봉 접지)
400V 이상 : 10옴 이하임.(4봉 3봉접지)
- 2.MAIN S/W BOX는 3봉 접지 요.



동전위접지

- 전기장폐와 기계의 노출된 모든 도선은 보호전압피복에 연결되어야 하며 적절한 접지연속성 기능이 유지되어야함.
- 보호전압피복에는 거대기, 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

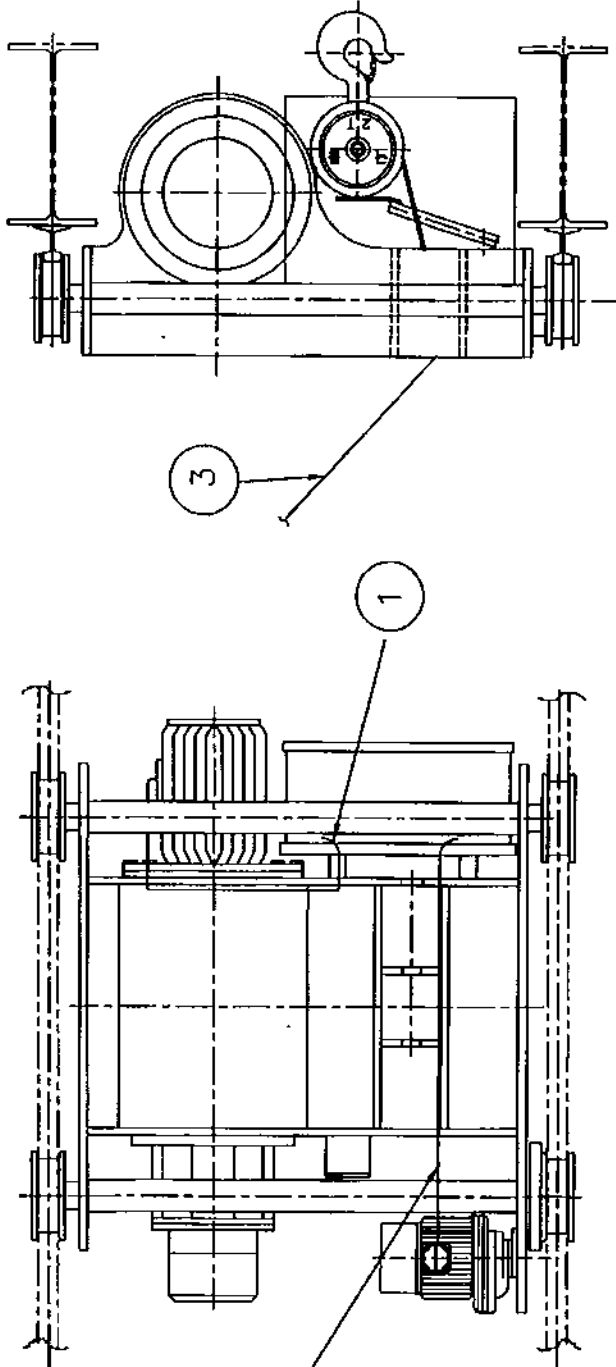


DRAWING	DESIGN	CHECKED	APPROVED	SCALE	DATE	ORDER NO.
				NONE	2003.07.01	
KUKDONG HOIST CO., LTD.						KD3-EC000
KUKDONG HOIST CO., LTD.						
EARTH DETAILS DRAWING						
DRAWING TITLE						
REVISIONS						
DATE	DATE	CHK.	APP.			

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



본 도면은 EARTH를 명기하기 위해 호이스트로서
실적-배치와 다를 수 있으며 HOIST 본체와
EARTH용 CABLE은 REFERENCE함.

* 3중 접지공사 100Ω이하 (AC 3PH 400V 피만 가)
* 3중 접지공사 10Ω이하 (AC 3PH 400V 이상)

동전여점지

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

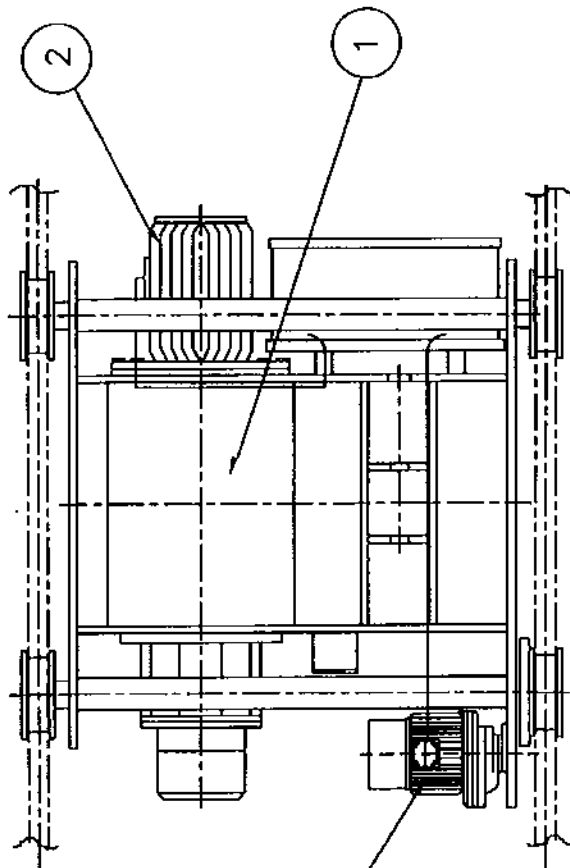
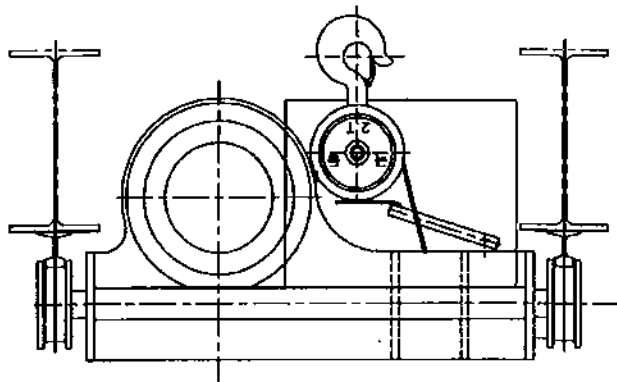
NO	CABLE		REMARK
	TYPE	SIZE	
1	VCT	380V TYPE 440V,460V,480V 6.0sqx4c 6.0sqx5c VCT 4.0sqx5c	HOISTING MOTOR WITH EARTH
2	VCT	4.0sqx4c+2.5sqx3c VCT 4.0sqx4c+2.5sqx3c	7.5 MOTOR WITH EARTH
3	VFC	10sqx4c 6.0sqx4c VFC 6.0sqx4c	MAIN POWER WITH EARTH

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

MK	DATE	REVISIONS	CHK.	APP.	CUSTOMER	DRAWING TITLE	GROUND WIRE SYSTEM	DRAWING	DESIGN	CHECKED	APPROVED	SCALE	DATE	ORDER NO.
										극동호이스트 주식회사		DWG. NO	KD3E0601	
								KUK DONG HOIST CO., LTD.						

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

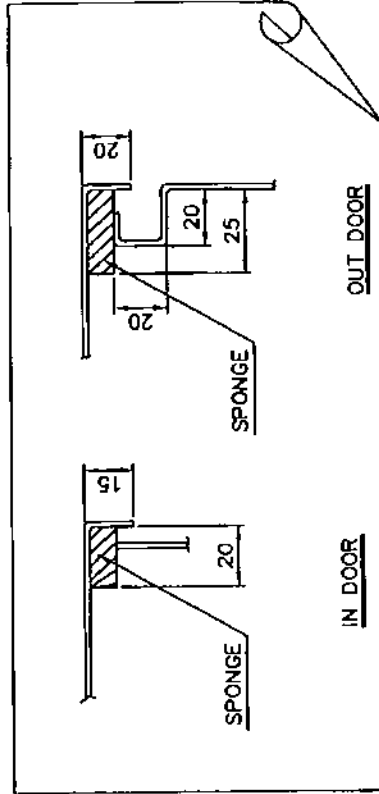
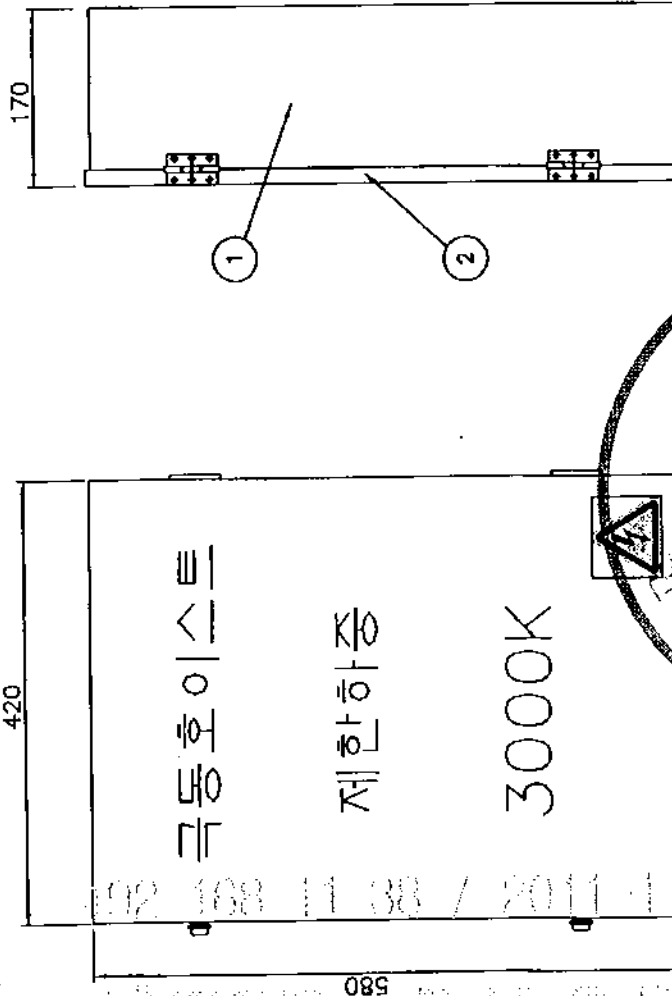
3 PHASE INDUCTION MOTOR			
KW	P TYPE	TENV	
VOLTS	V RATING	min	
AMP.S	A AMP. TEMP	40°C	
HEARTS	INS.CLASS	F	
R.P.M	BEARING		
ROTOR	C	BEARING	
SERIAL	DATE		

KUKDONG HOIST CO.,LTD

ELECTRIC WIRE ROPE HOIST			
MODEL	RATING	min	
CAPACITY	LIFT	m	
HOIST SPEED	POWER SOURCE	H-Z	
HOIST MOTOR	P	AMP'S R & T HOIST A	
TRAV. SPEED	m/min	AMP'S R & T TRAV. A	
TRAV. MOTOR	kW	AMP'S WIRE ROPE A	
WIDTH OF RAIL	mm	WEIGHT C Kg	
DATE	SERIAL		

REVISIONS DATE CHK. APP. REVISIONS DATE CHK. APP.	CUSTOMER DRAWING TITLE	DRAWING DESIGN CHECKED APPROVED SCALE DATE ORDER NO.  극동호이스트 주식회사 KUJ DONG HOIST CO., LTD. SCALE NONE DWG. NO.									
		WIRE HOIST NAMEPLATE									

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

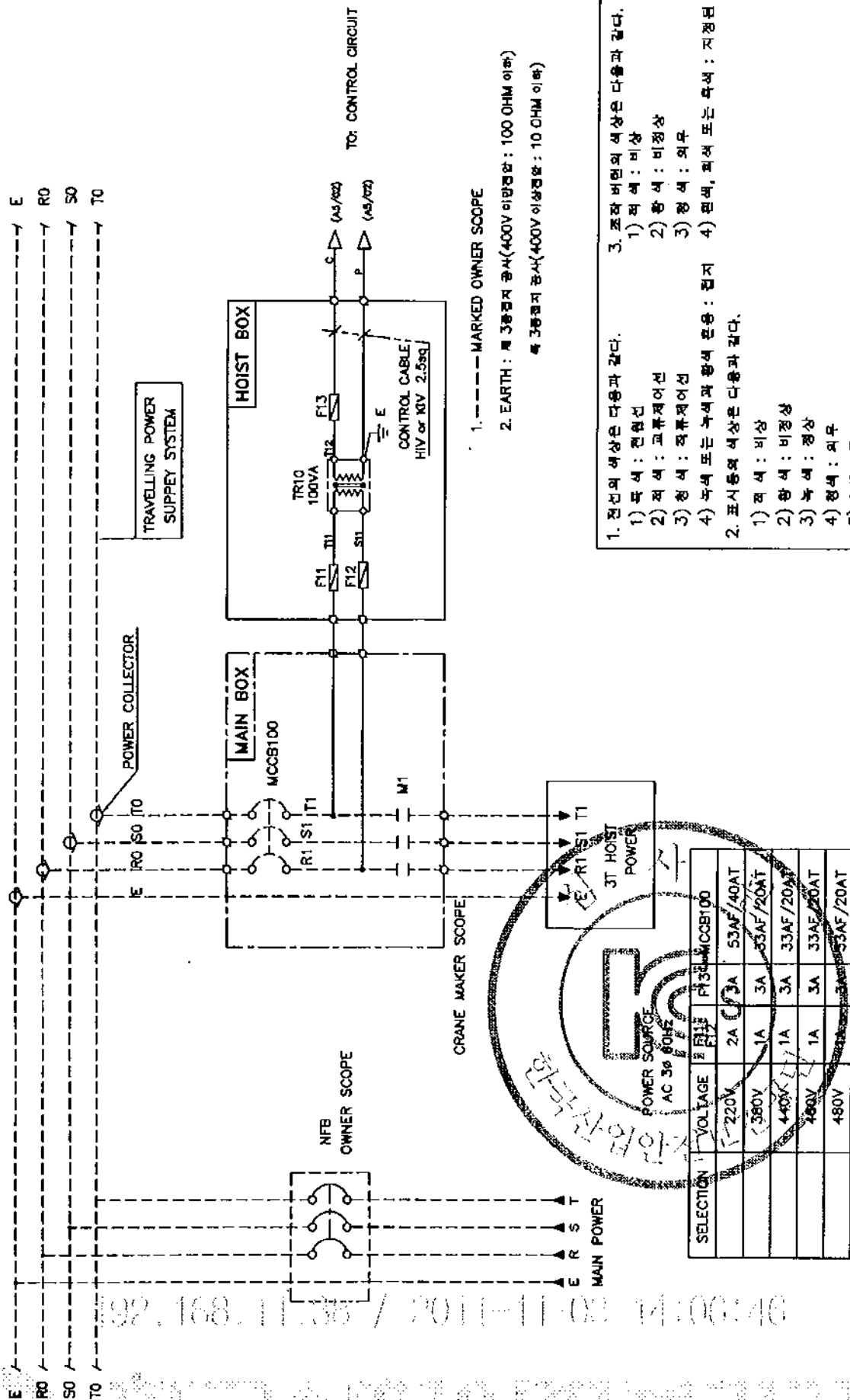


NOTE

- PROTECTION DEGREE :
A. INDOOR TYPE : DUST PROOF
B. OUT DOOR TYPE : SPLASH PROOF
- FINAL PAINTING COLOR (MUNSELL NO.)
A. IN SIDE : 10B 3/5
B. OUT SIDE : 10B 3/5
- PAINTING THICKNESS : ABOVE 40 μ
- APPLICATION VOLTAGE : 220V, 380V, 440V, 460V, 480V
- BOX INSIDE CONTROL CABLE : 2.5sq KIV. HIV
- 외함 개방 구조는 다음과 같다.

- 외함 개방시 충전부분이 차단되도록 한다.
- 외함 개방 후 충전되어있는 부분은 IP2X 이상의 방전 경각 방호가 되어있을것.

 구동호이스트 주식회사 KUK DONG HOIST CO., LTD.	APP	CHK	DESIGN	SHEET NO	QTY	PROJECT	986 NO.	
							HOIST CONTROL BOX	KD3EB001
							LAY OUT DRAWING	



3. ಪಾಠ್ಯಪುಸ್ತಕಗಳನ್ನು ಓದಿ.
- 1) ಹಳೆಯ : ಹೊಸದು
 - 2) ಹಳೆಯ : ಹಳಗಡೆ
 - 3) ಹಳೆಯ : ಹಳಗಡೆ
 - 4) ಹಳೆಯ : ಹಳಗಡೆ
4. ಪಾಠ್ಯಪುಸ್ತಕಗಳನ್ನು ಓದಿ.
- 1) ಹಳೆಯ : ಹೊಸದು
 - 2) ಹಳೆಯ : ಹಳಗಡೆ
 - 3) ಹಳೆಯ : ಹಳಗಡೆ
 - 4) ಹಳೆಯ : ಹಳಗಡೆ

SELECTION	VOLTAGE	FILE	FILE	FILE
	220V	2A	3A	53AF/40AT
	380V	1A	3A	53AF/20AT
	440V	1A	3A	53AF/20AT
	480V	1A	3A	53AF/20AT
	480V	1A	3A	53AF/20AT

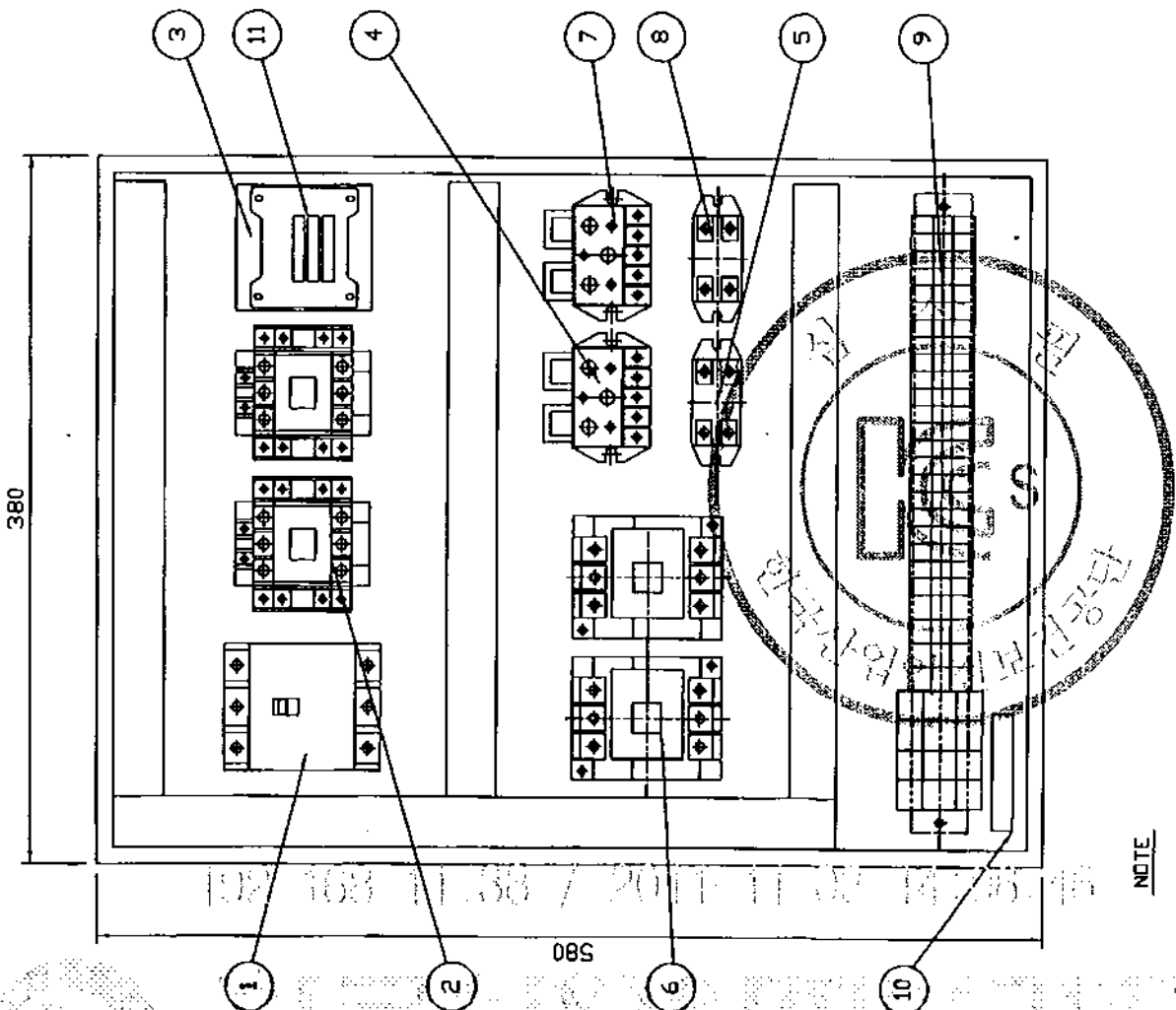
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NO	SYMBOL	DESCRIPTION	SPECIFICATION	Q'TY	MAKER
1	MCCB100	NO FUSE BREAKER	DBS-53/40	1	HOISTING
2	M101,102	MAG. CONTACTOR	DOC-65P	2	HOISTING
3	TR1	TRANSFORMER	220V/110,120V 100VA	1	SHINHAN
4	EOCR100	ELECTRONIC OVER CURRENT RELAY	SS-30	1	HOISTING
5	RF100	SILICON RECTIFIER	SR-60	1	HOISTING
6	M301,302	MAG. CONTACTOR	DOC-22P	2	TRAVERSING
7	EOCR300	ELECTRONIC OVER CURRENT RELAY	SS-05	1	TRAVERSING
8	RF300	SILICON RECTIFIER	SR-30	1	TRAVERSING
9		TERMINAL BLOCK	35A,15A	1	BUMHAN
10		EARTH TERMINAL	31x20x50	1	
11	F11,12,(13)	FUSE	2A, (3A)	2(1)	PUR

NOTE

- 전선의 색상은 다음과 같다.
1) 흑색 : 그라운드 및 미루 전선번호 S) 정색 : 미루 제어회로
2) 적색 : 그루터기선
3) 파랑색 : 외부에서 공급되는 전동장치 제어회로
4) 녹색 또는 노란색 : 용량 : 전지선
2. CABLE MATERIAL : KIV OR EQUIVALENT
MIN SIZE : 2.5sq
3. 제어용 전선 : 2.5mm KIV,HIV
4. 제동시 디스크 브레이크 필수요구
5. 외형 개량구조는 다음과 같음
1) 외형 개량시 용접부분이 차단되도록 함
2) 외형 개량후 용접되어있는 부분은 IP2X 이상의 외형 용접 부분이 되어있음

NO.	DESCRIPTION	MTL	SUB	TOTAL	SUB	TOTAL	REMARKS
		QTY	QTY		QTY		
PROJECT		DATE		DIM			
TITLE		HOISTING & T/S BOX (204)		SCALE		PROJECTION	
DRAWN		DESIGNED		CHECKED		APPROVED	
EQUIPMENT		A3/3		3rd		REF. DRAWING	
KHD		KUK DONG HOIST CO., LTD.		SHEET No.		DWG No.	
						KD38A21DL	



NOTE

- UPPER LIMIT LS-1,LS-2의 전정 허용 전류 : AC 600V 75A
- POWER SOURCE : AC 3φ 220V 60Hz
- EARTH TERMINAL RESISTANCE 0.018 Ω

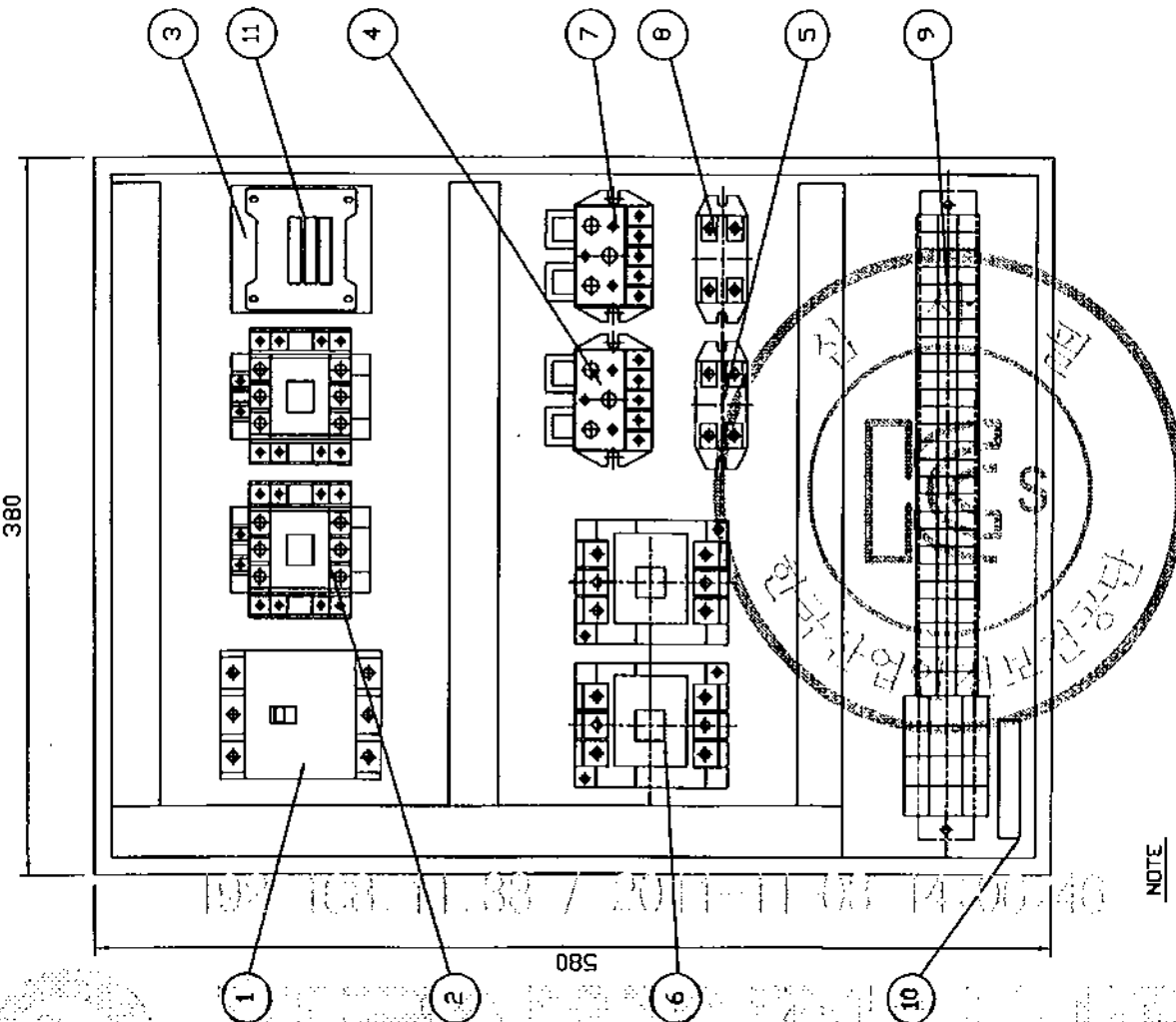


NO	SYMBOL	DESCRIPTION	SPECIFICATION	QTY	MAKER
1	MCCB100	NO FUSE BREAKER	DBS-33/30	1	HOISTING
2	M101,102	MAG. CONTACTOR	DOC-48P	2	HOISTING
3	TR1	TRANSFORMER	220V/110,120V 100VA	1	SHINHAN
4	EOCR100	ELECTRONIC OVER CURRENT RELAY	SS-30	1	HOISTING
5	RF100	SILICON RECTIFIER	SR-60	1	HOISTING
6	M301,302	MAG. CONTACTOR	DOC-22P	2	TRAVERSING
7	EOCR300	ELECTRONIC OVER CURRENT RELAY	SS-05	1	TRAVERSING
8	RF300	SILICON RECTIFIER	SR-30	1	TRAVERSING
9		TERMINAL BLOCK	35A,15A	1	BUMHAN
10		EARTH TERMINAL	3t20x50	1	
11	F11,12,(13)	FUSE	2A, (3A)	2(1)	PUR'

NOTE 1. 전선의 역량은 다음과 같다.

- 1) 폭력 : 고부 및 저부 전선선로 5) 정력 : 저부 제어회로
 - 2) 폭력 : 고부 제어회로
 - 3) 주동력 : 외부에서 공급되는 전동장치 제어회로
 - 4) 폭력 또는 누설과 함께 운용 : 전지선
2. CABLE MATERIAL : KIV OR EQUIVALENT
MIN SIZE : 2.5sq
3. 제어용 전선 : 2.5mm KIV,HIV
4. 제동시 다소 느려 질수 있음.
5. 외함 개방시 용접부위는 차단되도록 함.
- 1) 외함 개방시 용접부위는 차단되도록 함.
- 2) 외함 개방시 용접부위는 차단되도록 함.

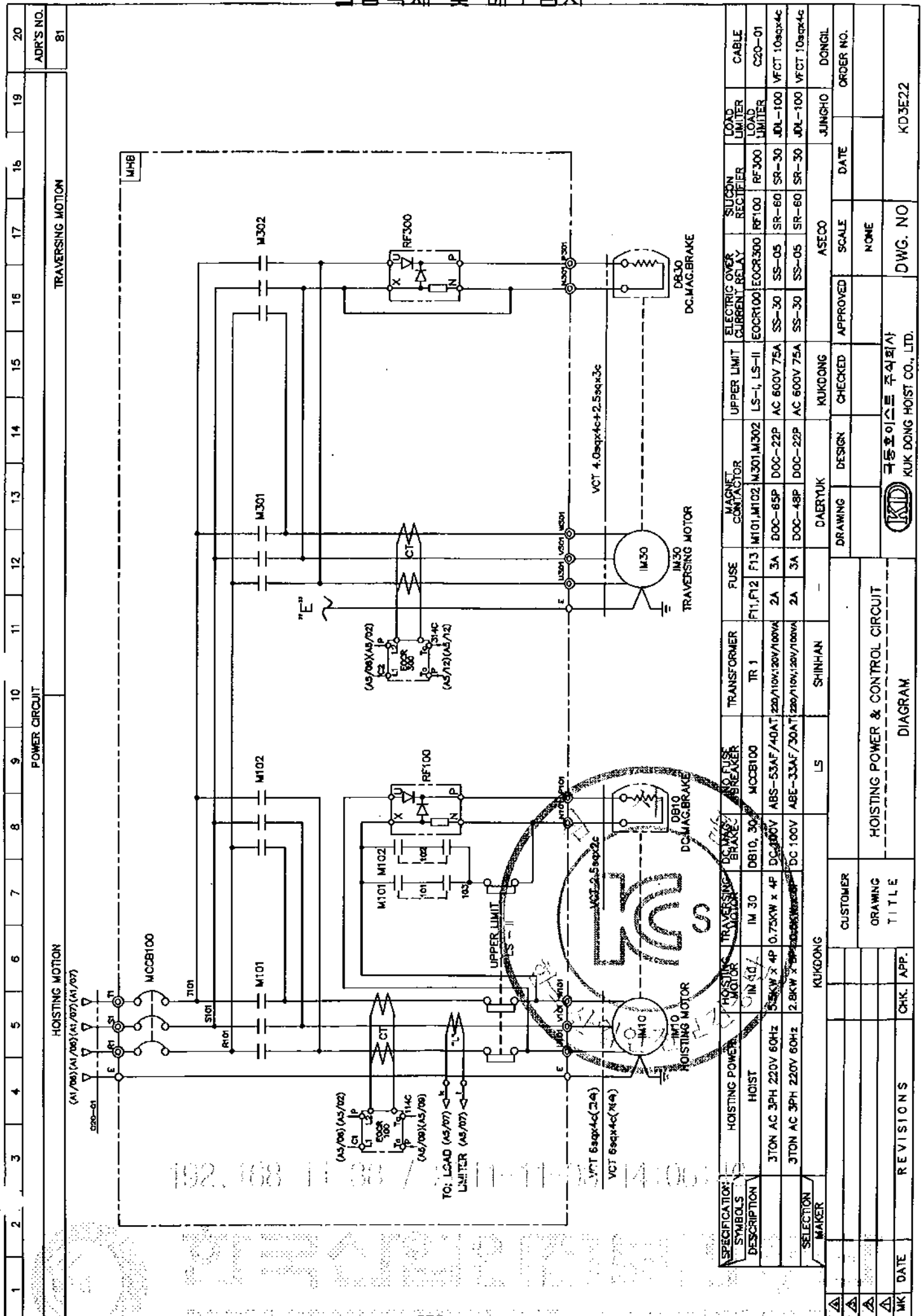
NO.	DESCRIPTION	MTL	SUB QTY	TOTAL QTY	SUB WEIGHT(Kg)	TOTAL WEIGHT(Kg)	REMARKS
PROJECT							DATE DIM mm
TITLE		HOISTING & T/S BOX (지속)			SCALE	PROJECTION	
DRAWN		EQUIPMENT			A3/3	3rd	
DESIGNED		CHECKED	APPROVED	REF. DRAWING			
KID		KUK DONG HOIST CO., LTD.			SHEET No.	DWG No.	
					KD3BA22DL		



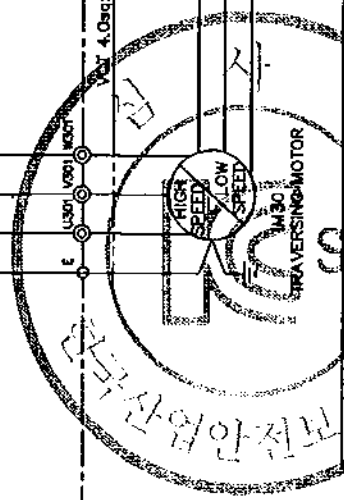
NOTE

1. UPPER LIMIT LS-1,LS-2의 전압 허용 전류, 용량 : AC 600V 75A
2. POWER SOURCE : AC 3φ 220V 60Hz
3. EARTH TERMINAL RESISTANCE 0.018 Ω





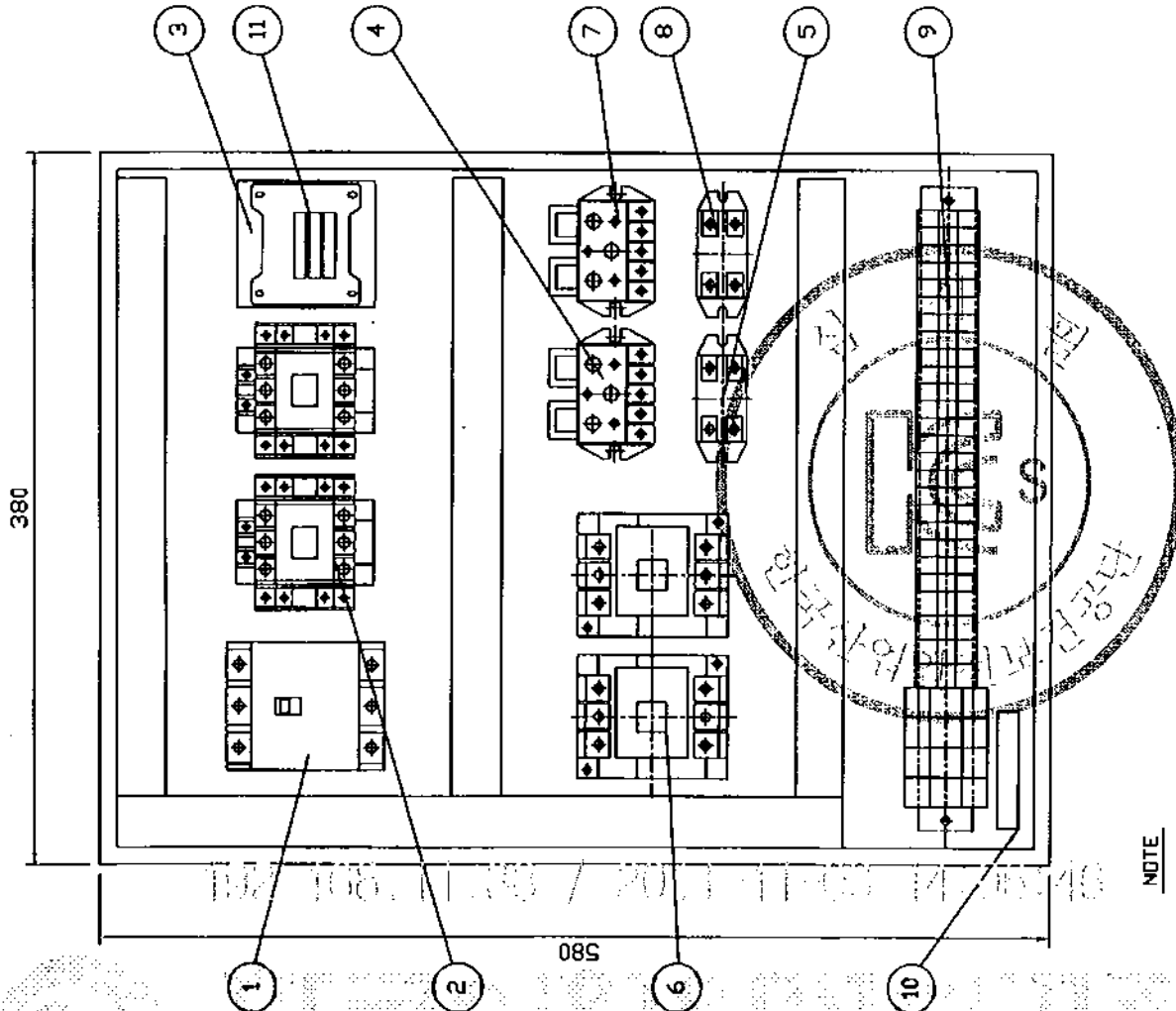
NO.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
ADP'S NO.																				81
HOISTING MOTION	POWER CIRCUIT																			
TRAVERSING MOTION	TRAVERSING MOTION																			
DESCRIPTION	HOISTING POWER HOIST 3TON AC 3PH 220V 60Hz 5.5KW x 4P 2.8KW x 2P 3TON AC 3PH 220V 60Hz 2.8KW x 2P 3TON AC 3PH 220V 60Hz 2.8KW x 2P																			
SELECTION	HOISTING POWER HOIST 3TON AC 3PH 220V 60Hz 5.5KW x 4P 2.8KW x 2P 3TON AC 3PH 220V 60Hz 2.8KW x 2P 3TON AC 3PH 220V 60Hz 2.8KW x 2P																			
MARKER	HOISTING POWER HOIST 3TON AC 3PH 220V 60Hz 5.5KW x 4P 2.8KW x 2P 3TON AC 3PH 220V 60Hz 2.8KW x 2P 3TON AC 3PH 220V 60Hz 2.8KW x 2P																			
DATE	2011-11-03																			
REVISIONS	1																			
CHK.	KUKDONG																			
APP.	KUKDONG																			
CUSTOMER	KUKDONG																			
HOISTING POWER & CONTROL CIRCUIT	HOISTING POWER & CONTROL CIRCUIT																			
DIAGRAM	DIAGRAM																			
DWG. NO.	K3E22																			
ORDER NO.	K3E22																			

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NO	SYMBOL	DESCRIPTION	SPECIFICATION	QTY	MAKER
1	MCCB100	NO FUSE BREAKER	DBE-33/30	1	HOISING
2	M101,102	MAG. CONTACTOR	DOC-48P	2	HOISING
3	TR1	TRANSFORMER	380V/110,120V 100VA	1	SHINHAN
4	EOCR100	ELECTRONIC OVER CURRENT RELAY	SS-30	1	HOISING
5	RF100	SILICON RECTIFIER	SR-60	1	HOISING
6	M301,302	MAG. CONTACTOR	DOC-22P	2	TRAVERSING
7	EOCR300	ELECTRONIC OVER CURRENT RELAY	SS-05	1	TRAVERSING
8	RF300	SILICON RECTIFIER	SR-30	1	TRAVERSING
9		TERMINAL BLOCK	35A,15A	1	BUMHAN
10		EARTH TERMINAL	3x20x50	1	
11	F11,12,(13)	FUSE	1A,(3A)	2(1)	PUR

NOTE

1. 전선의 사양은 다음과 같다.
1) 폭 : 2.5mm KIV,HIV
2) 폭 : 2.5mm KIV,HIV
3) 폭 : 2.5mm KIV,HIV
4. 제각기 다른 규격의 전선을 사용한다.
5. 외함 재료는 다음과 같다.
1) 외함 : 알루미늄
2) 외함 : 알루미늄
2. CABLE MATERIAL : KIV OR EQUIVALENT
MIN SIZE : 2.5sq
3. 제각기 다른 규격의 전선을 사용한다.
4. 제각기 다른 규격의 전선을 사용한다.
5. 외함 재료는 다음과 같다.
1) 외함 : 알루미늄
2) 외함 : 알루미늄



NOTE

1. UPPER LIMIT LS-1,LS-2의 전압 허용 범위 : AC 600V 75A
2. POWER SOURCE : AC 3 ϕ 380V 60Hz
3. EARTH TERMINAL RESISTANCE 0.018 Ω



NO.	DESCRIPTION	MTL	SUB	TOTAL	QTY	WEIGHT(Kg)	REMARKS.
PROJECT							DATE DIM
TITLE	HOISING & T/S BOX (그림)						SCALE PROJECTION
DRAWN	DESIGNED	CHECKED	APPROVED				A3/3 3rd
							REF. DRAWING
KDK				KUK DONG HOIST CO., LTD.			
KUK DONG HOIST CO., LTD.				KDK3BA31DL			



1. UPPER LIMIT LS-1, LS-2의 전압 허용 범위 : AC 600V 75A
2. POWER SOURCE : AC 3 ϕ 380V 60HZ
3. EARTH TERMINAL RESISTANCE 0.01 Ω 이하



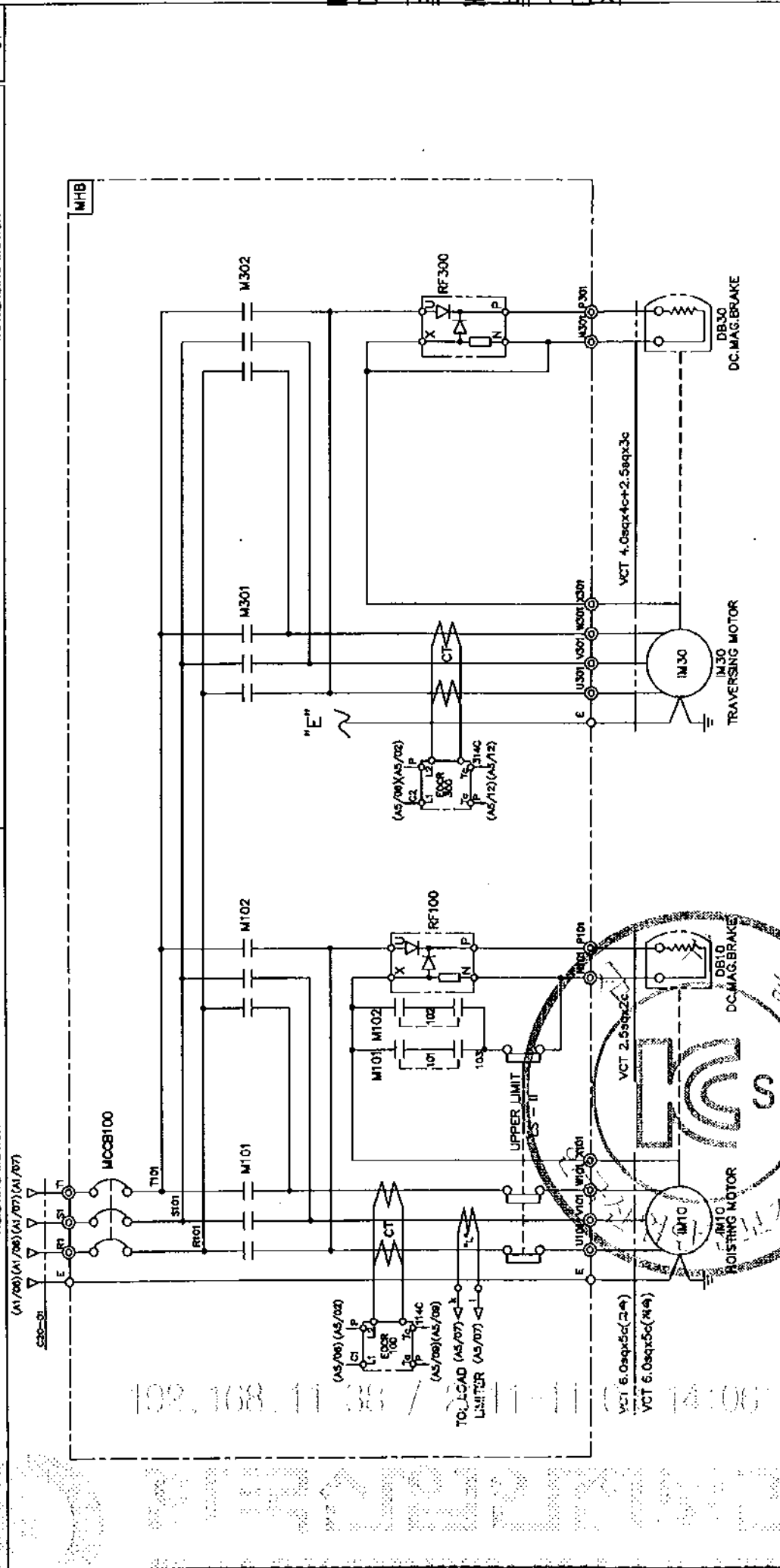
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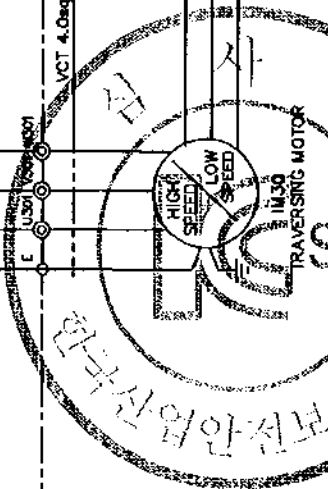
NO	SYMBOL	DESCRIPTION	SPECIFICATION	Q'TY	MAKER
1	MCCB100	NO FUSE BREAKER	DBS-33/20	1	HOISTING
2	M101,102	MAG. CONTACTOR	00C-40P	2	HOISTING
3	TR1	TRANSFORMER	380V/110,120V 100VA	1	SHINHAN
4	EOCR100	ELECTRONIC OVER CURRENT RELAY	SS-30	1	HOISTING
5	RF100	SILICON RECTIFIER	SR-60	1	HOISTING
6	M301,302	MAG. CONTACTOR	DOC-22P	2	TRAVERSING
7	EOCR300	ELECTRONIC OVER CURRENT RELAY	SS-05	1	TRAVERSING
8	RF300	SILICON RECTIFIER	SR-30	1	TRAVERSING
9		TERMINAL BLOCK	35A,15A	1	BUMHAN
10		EARTH TERMINAL	3x20x50	1	
11	F11,12,(1'3)	FUSE	1A ,(3A)	2(1)	PUR'

NOTE 1. 본선의 역상은 다음과 같다.

1. 전선의 역상은 다음과 같다.
 - 1) 흑색 : 교류 및 교류 전원선으로
 - 2) 적색 : 교류제어선
 - 3) 주황색 : 외부에서 공급되는 연동장치 제어회로
 - 4) 녹색 또는 녹색과 황색 혼합 : 접지선
 2. CABLE MATERIAL : KIV OR EQUIVALENT
MIN SIZE : 2.5sq
 3. 제어용 전선 : 2.5mm KIV,HIV
 4. 제어시 다소 변경 될수있음.
 5. 외함 개폐구조는 다음과 같음.
- 1) 외함 개폐시 용전본체가 차단되도록 함.
 - 2) 외함 개폐후 용전되어야하는 부분은 IP2X 이상의 차단 전압 보호가 되어있음.

NO.	DESCRIPTION	MTL	SUB QTY	SUB WEIGHT(kg)	TOTAL	REMARKS
PROJECT			DATE		DIM	
					mm	
TITLE	<u>HOISTING & T/S BOX (제4)</u> EQUIPMENT		SCALE		PROJECTION	
					A3/3	3rd
			DRAWN		DESIGNED	CHECKED
 극동호이스트 주식회사 KUK DONG HOIST CO., LTD.			SHEET No.		DWG No.	
					K03BA32DL	

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NO	SYMBOL	DESCRIPTION	SPECIFICATION	Q'TY	MAKER
1	MCCB100	NO FUSE BREAKER	DBE-33/20	1	HOISTING
2	M101,102	MAG. CONTACTOR	DOC-40P	2	HOISTING
3	TR1	TRANSFORMER	440V/110,120V 100VA	1	SHINHAN
4	EOCR100	ELECTRONIC OVER CURRENT RELAY	SS-30	1	HOISTING
5	RF100	SILICON RECTIFIER	SR-60	1	HOISTING
6	M301,302	MAG. CONTACTOR	DOC-22P	2	TRAVERSING
7	EOCR300	ELECTRONIC OVER CURRENT RELAY	SS-05	1	TRAVERSING
8	RF300	SILICON RECTIFIER	SR-30	1	TRAVERSING
9		TERMINAL BLOCK	35A,15A	1	BUMHAN
10		EARTH TERMINAL	35x20x50	1	
11	F11,12,(13)	FUSE	1A, (3A)	2(1)	PUR'

NOTE 1. 전선의 색상은 다음과 같다.

- 1) 흑색 : 그라운드 및 접지 전선으로
- 2) 적색 : 교류제어선
- 3) 파랑색 : 외부에서 공급되는 전동장치 제어회로
- 4) 녹색 또는 노란색 : 접지선

2. CABLE MATERIAL : KIV OR EQUIVALENT

MIN SIZE : 2.5sq

3. 제어용 전선 : 2.5mm KIV,HIV

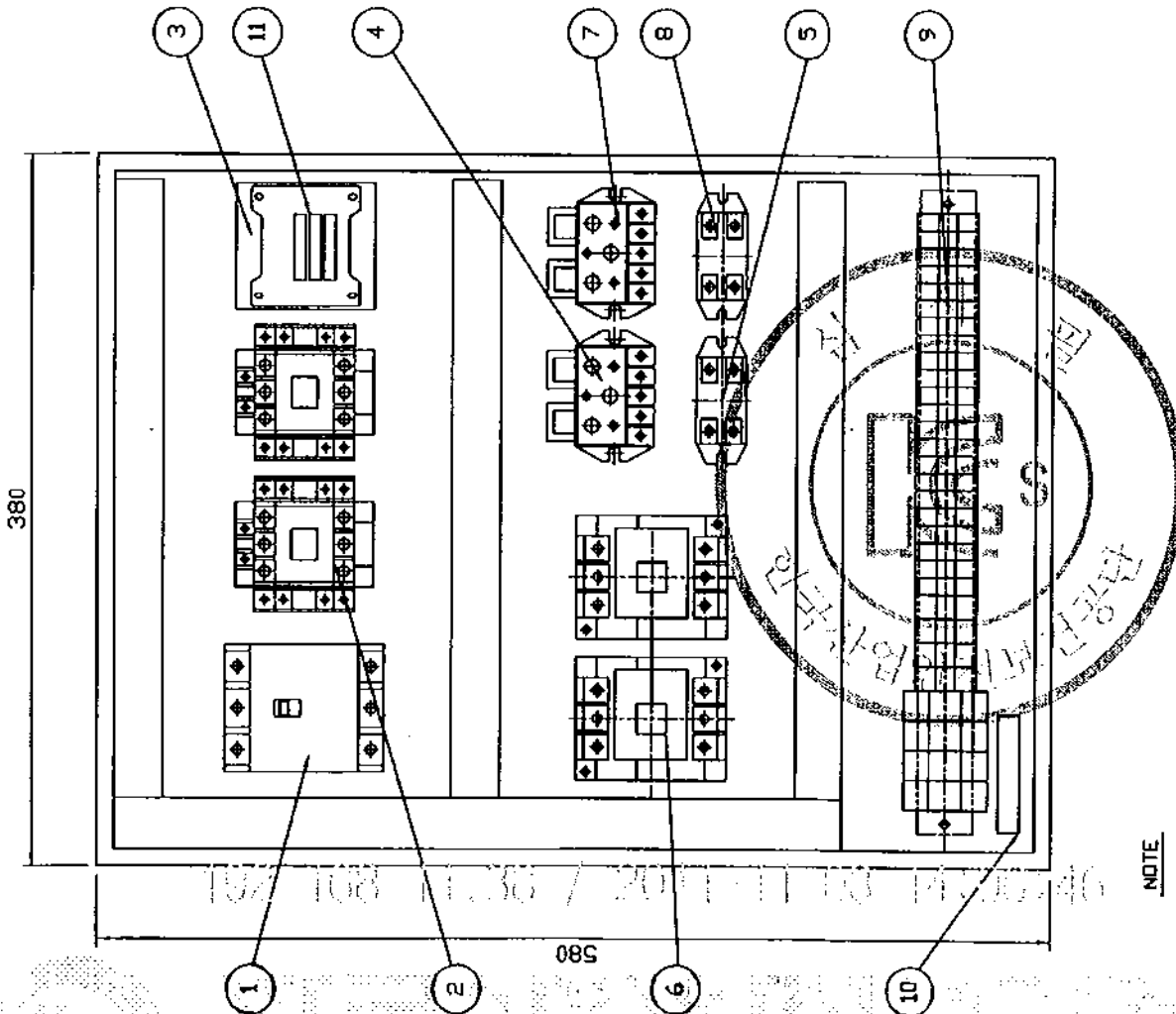
4. 제압시 다소 변경 될수있음.

5. 외형 개량구조는 다듬고 감을것.

1) 외형 개량시 용접부위는 차단되도록 할것.

2) 외형 개량후 용접되어있는 부분은 IP2X 이상의 차단 필속 필요가 되어있을것.

NO.	DESCRIPTION	MTL	SUB QTY	TOTAL QTY	SUB WEIGHT(%)	TOTAL WEIGHT(%)	REMARKS.
PROJECT							DATE DIM mm
TITLE							SCALE PROJECTION
DRAWN							A2/3 3rd
DESIGNED							REF. DRAWING
CHECKED							
APPROVED							
SHEET No.							DWG No.
KUK DONG HOIST CO., LTD.							KD3BA41DL



NOTE

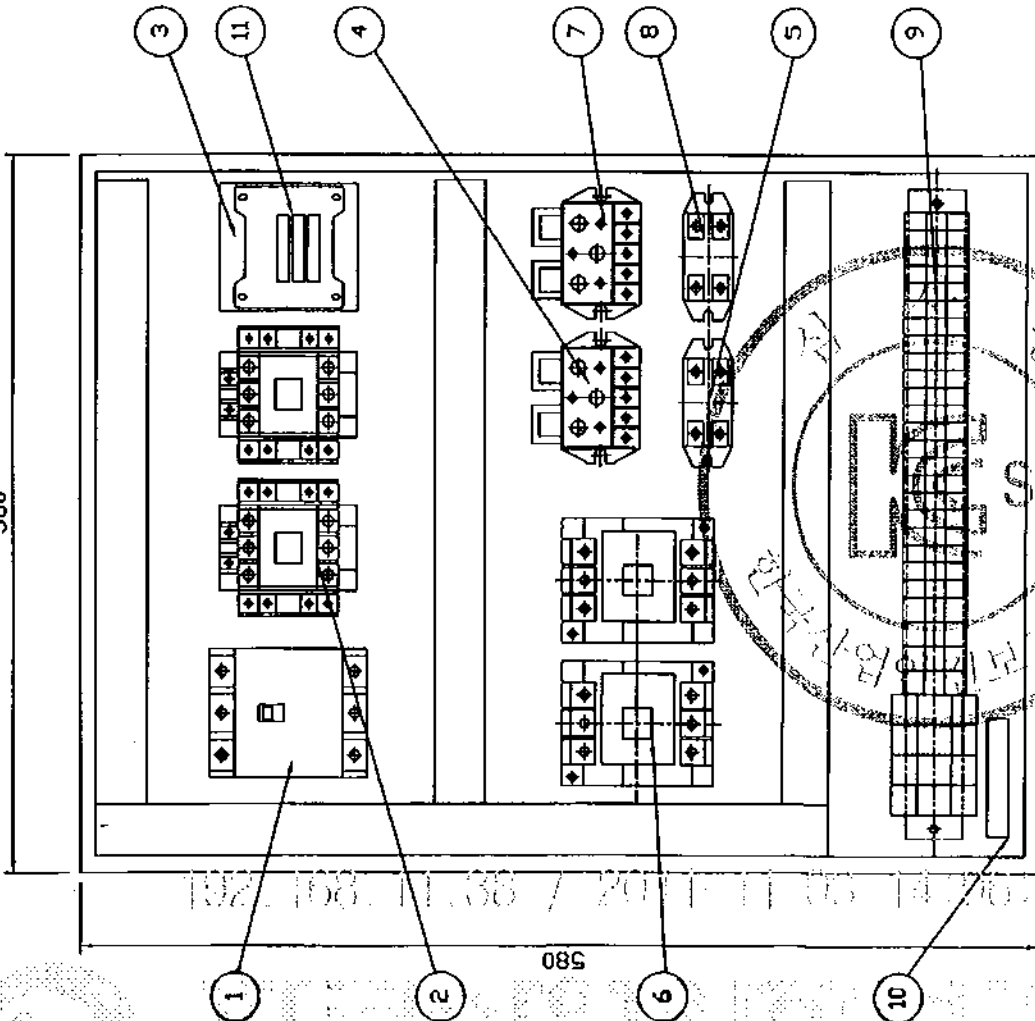
1. UPPER LIMIT LS-1,LS-2의 전압 허용 전류 용량 : AC 600V 75A

2. POWER SOURCE : AC 3ø 440V 60Hz

3. EARTH TERMINAL RESISTANCE 0.018 Ω

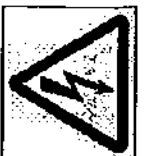


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NOTE

1. UPPER LIMIT LS-1,LS-2의 전압 허용 전압 : AC 600V 75A
2. POWER SOURCE : AC 3φ 440V 60Hz
3. EARTH TERMINAL RESISTANCE 0.018 Ω



NO	SYMBOL	DESCRIPTION	SPECIFICATION	QTY	MAKER
1	MCCB100	NO FUSE BREAKER	DBS-33/20	1	HOISTING
2	M101,102	MAG. CONTACTOR	DOC-40P	2	HOISTING
3	TR1	TRANSFORMER	440V/110,120V 100VA	1	SHINHAN
4	EOCR100	ELECTRONIC OVER CURRENT RELAY	SS-30	1	HOISTING
5	RF100	SILICON RECTIFIER	SR-60	1	HOISTING
6	M301,302	MAG. CONTACTOR	DOC-22P	2	TRAVERSING
7	EOCR300	ELECTRONIC OVER CURRENT RELAY	SS-05	1	TRAVERSING
8	RF300	SILICON RECTIFIER	SR-30	1	TRAVERSING
9		TERMINAL BLOCK	35A,15A	1	BUMHAN
10		EARTH TERMINAL	3x20x50	1	
11	F11,12,(13)	FUSE	1A, (3A)	2(1)	PUR'

NOTE 1. 전선의 색상은 다음과 같다.

- 1) 흑색 : 교류 및 직류 전원선로
- 2) 적색 : 교류제어선
- 3) 주황색 : 외부에서 공급되는 전동장치 제어회로
- 4) 녹색 또는 녹색과 황색 혼합 : 접지선

2. CABLE MATERIAL : KIV OR EQUIVALENT

3. 제어용 전선 : 2.5mm KIV,HIV

4. 제어시 디스플레이 가능할 경우 있음.

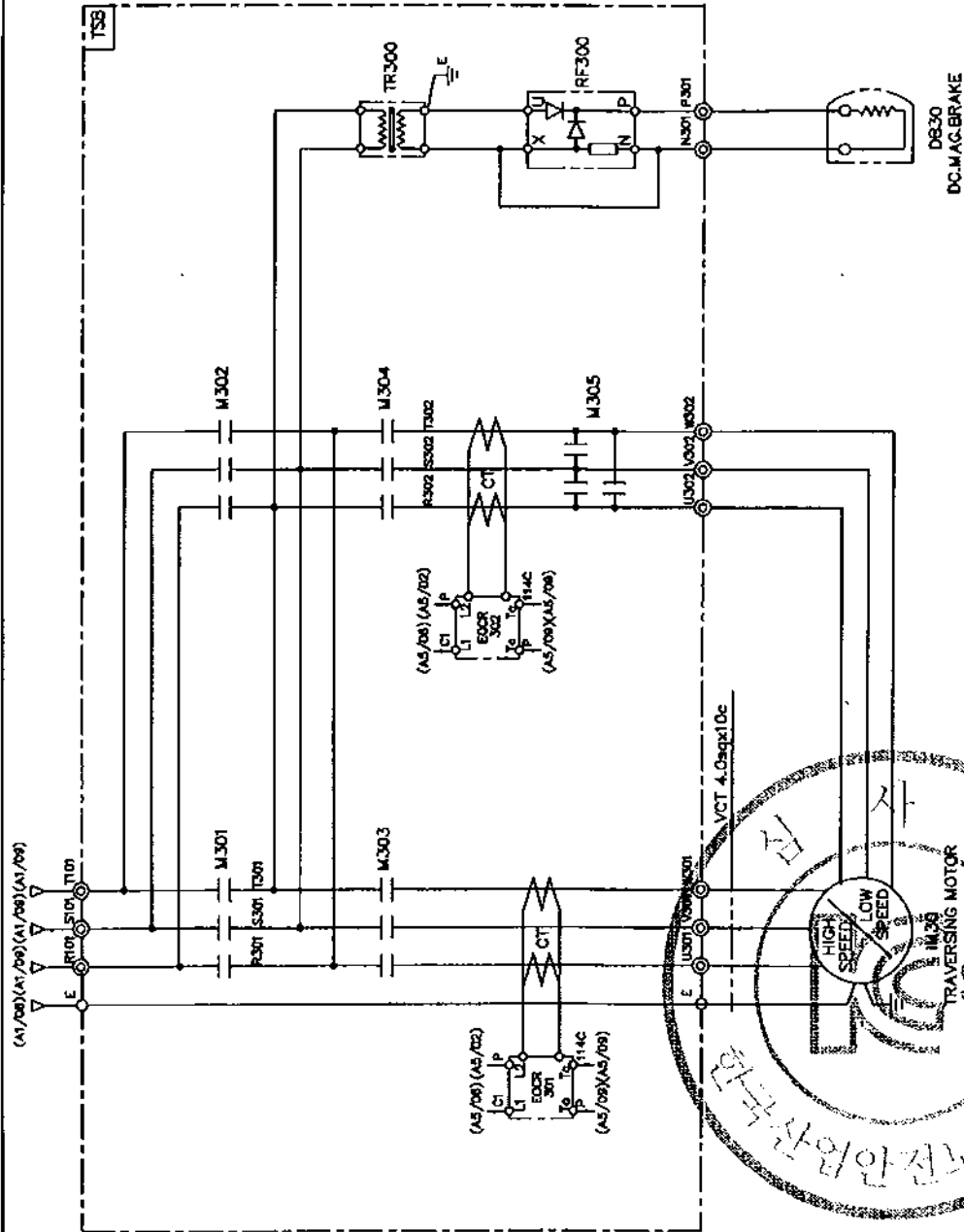
5. 외함 개폐구조는 다음과 같음.

- 1) 외함 개폐시 운전부분이 차단되도록 함.
- 2) 외함 개폐후 운전부분이 차단된 후 점검 가능하도록 함.

NO.	DESCRIPTION	MTL	SUB QTY	TOTAL QTY	REMARKS.
PROJECT					
DATE					
DIM					
mm					
SCALE					
PROJECTION					
A3/3					
3rd					
REF. DRAWING					
DRAWN					
DESIGNED					
CHECKED					
APPROVED					
TITLE					
HOISTING & T/S BOX (제어)					
EQUIPMENT					
SHEET No.					
DWG No.					
KUK DONG HOIST CO., LTD.					
KD3B4420L					

MX	△
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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																			
TRAVERSING MOTION																			
ADR'S NO.																			C2

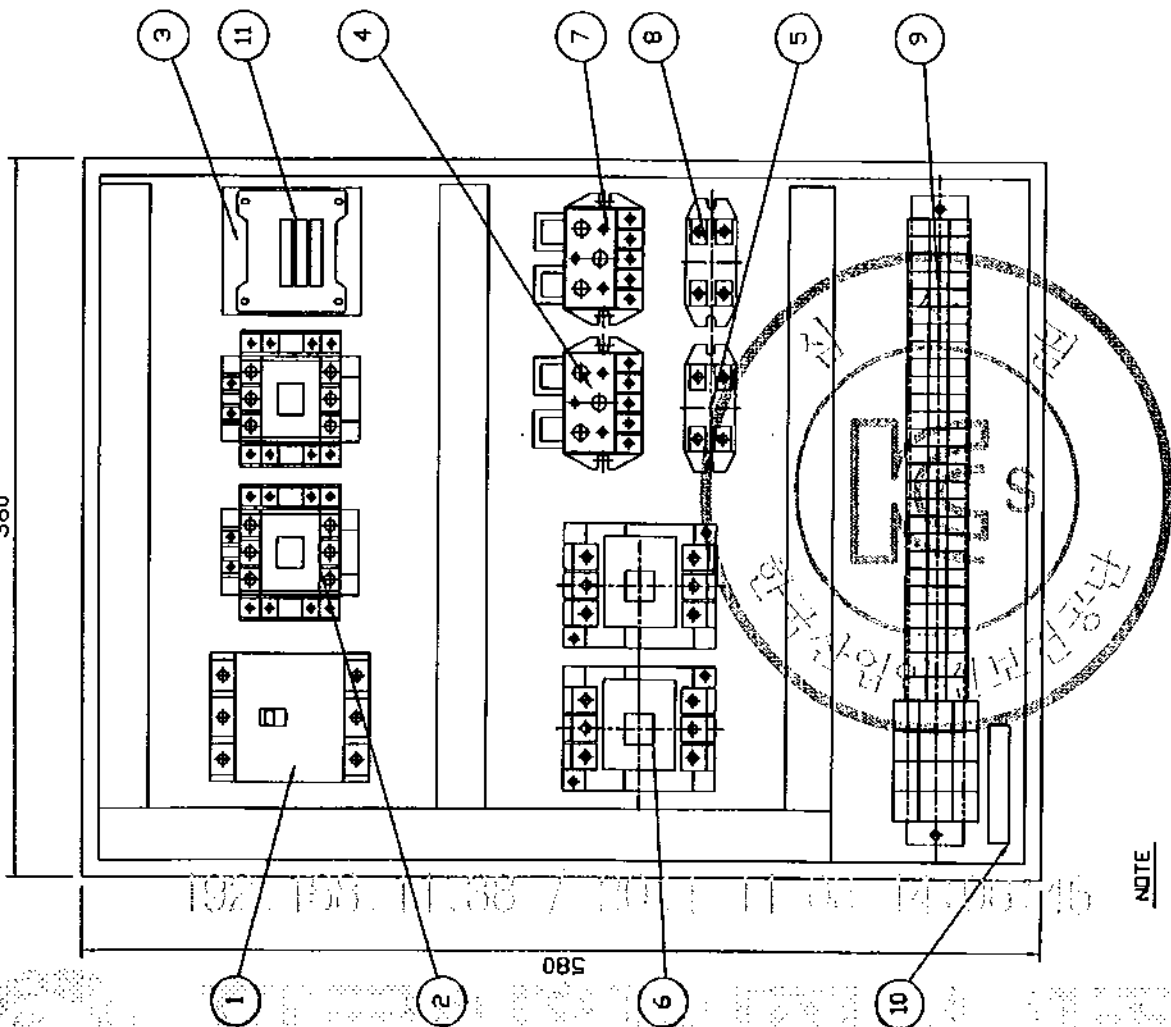


SPECIFICATION		MAGNET		ELECTRIC OVER		TRANSFORMER	
SYMBOLS		CONTACTOR		CURRENT RELAY		TR300	
DESCRIPTION		M301, M302, M303		EDCR 301,302		AC440/220V, 300VA	
SELECTION		DOO-22P		SS-05		AC440/220V, 300VA	
MAKER		DOO-22P		SS-05		AC440/220V, 300VA	
CUSTOMER		DAERYUK		ASCO		SHINHAN	
DRAWING		DESIGN		APPROVED		SCALE	
TITLE		DAERYUK		NONE		DATE	
REVISIONS		DATE		DWG. NO.		K03E45	
CHK. APP.		KUKDONG		KUKDONG HOIST CO., LTD.		K03E45	

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NOTE

1. UPPER UNIT [S-1] LS-2의 전압 허용 범위 : AC 600V 75A
2. POWER SOURCE : AC 3 ϕ 460V 60HZ
3. EARTH TERMINAL RESISTANCE 0.018 Ω



NO	SYMBOL	DESCRIPTION	SPECIFICATION	Q'TY	MAKER
1	MCCB100	NO FUSE BREAKER	DBE-33/20	1	HOISTING
2	M101,102	MAG. CONTACTOR	DCC-40P	2	HOISTING
3	TR1	TRANSFORMER	460V/110,120V 100VA	1	SHINHAN
4	EOCR100	ELECTRONIC OVER CURRENT RELAY	SS-30	1	HOISTING
5	RF100	SILICON RECTIFIER	SR-60	1	HOISTING
6	M301,302	MAG. CONTACTOR	DCC-22P	2	TRAVERSING
7	EOCR300	ELECTRONIC OVER CURRENT RELAY	SS-05	1	TRAVERSING
8	RF300	SILICON RECTIFIER	SR-30	1	TRAVERSING
9		TERMINAL BLOCK	35A,15A	1	SUMHAN
10		EARTH TERMINAL	3x20x50	1	
11	F11,12,(13)	FUSE	1A , (3A)	2(1)	PUR'

NOTE

1. 전선의 역상은 다음과 같다.
 - 1) 흑색 : 외부 및 내부 전선선로
 - 2) 적색 : 외부 제어선
 - 3) 주황색 : 외부에서 공급되는 전동장치 제어선로
 - 4) 녹색 또는 녹색과 황색 혼합 : 접지선
2. CABLE MATERIAL : KIV OR EQUIVALENT
MIN SIZE : 2.5sq
3. 제어용 전선 : 2.5mm KIV/HIV
4. 제어선 디스크 연결 불가능함.
5. 외함 거발구로는 전선과 같음.
- 1) 외함 거발시 음전압선이 차단되도록 함.
- 2) 외함 거발용 용접되어있는 부분은 IP2X 이상의 차단 성능을 갖도록 함.

NO.	DESCRIPTION	MTL	SUB QTY	TOTAL	SUB WEIGHT(KG)	TOTAL	REMARKS
PROJECT				DATE		DIM	
						mm	
TITLE		HOISTING & T/S BOX (29)		SCALE		PROJECTION	
		EQUIPMENT		A3/3		3rd	
DRAWN	DESIGNED	CHECKED	APPROVED	REF. DRAWING			
 KDD KUK DONG HOIST CO., LTD.				SHEET No.		DWG No.	
						K03BA51DL	

NO	SYMBOL	DESCRIPTION	SPECIFICATION	QTY	MAKER
1	MCCB100	NO FUSE BREAKER	DBE-33/20	1	HOISTING
2	M101,102	MAG. CONTACTOR	DOC-40P	2	HOISTING
3	TR1	TRANSFORMER	460V/110,120V 100VA	1	SHINHAN
4	EOCR100	ELECTRONIC OVER CURRENT RELAY	SS-30	1	HOISTING
5	RF100	SILICON RECTIFIER	SR-60	1	HOISTING
6	M301,302	MAG. CONTACTOR	DOC-22P	2	TRAVERSING
7	EOCR300	ELECTRONIC OVER CURRENT RELAY	SS-05	1	TRAVERSING
8	RF300	SILICON RECTIFIER	SR-30	1	TRAVERSING
9		TERMINAL BLOCK	35A,15A	1	BUMHAN
10		EARTH TERMINAL	31x20x50	1	
11	F11,12,(13)	FUSE	1A, (3A)	2(1)	PUR

NOTE 1. 전선의 색상은 다음과 같다.

- 1) 흑색 : 교류 및 직류 전원선으로 5) 황색 : 직류 제어선으로
- 2) 흑색 : 교류 제어선
- 3) 파랑색 : 외부에서 공급되는 전동장치 제어선으로
- 4) 녹색 또는 녹색과 황색 혼합 : 접지선

2. CABLE MATERIAL : KIV OR EQUIVALENT

MIN SIZE : 2.5sq

3. 제어용 전선 : 2.5mm KIV,HIV

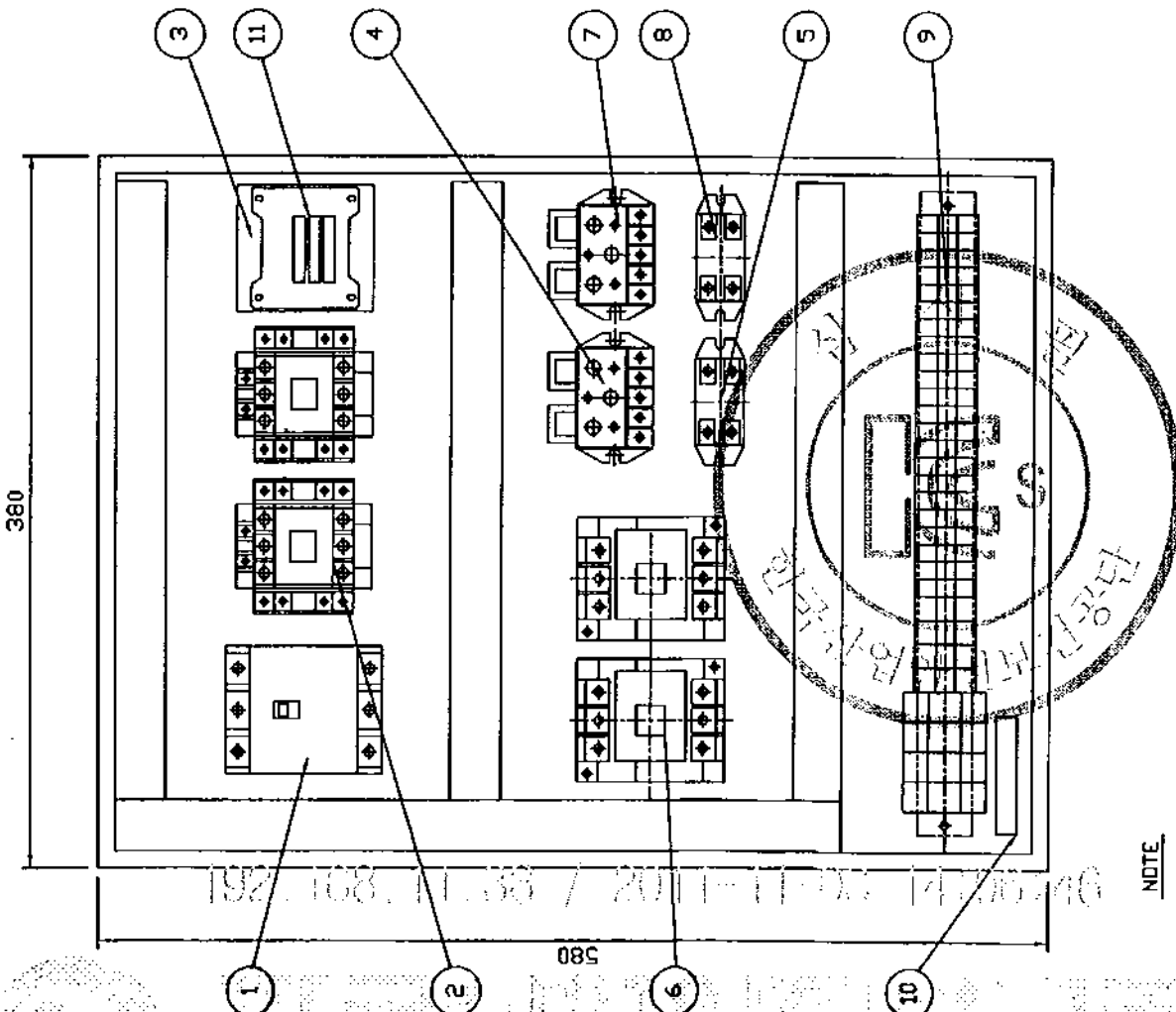
4. 제어시 디스 연결 필수임.

5. 외함 거장구조는 다음과 같음.

1) 외함 거장시 중전부분이 차단되도록 함.

2) 외함 거장후 동전리어있는 부분인 IP2X 이상의 차단 접점 부분이 되어있음.

NO.	DESCRIPTION	MTL	SUB QTY	TOTAL QTY	SUB WEIGHT(g)	TOTAL WEIGHT(g)	REMARKS
PROJECT		DATE		DIM			
TITLE		HOISTING & T/S BOX (직속)		SCALE		PROJECTION	
DRAWN		DESIGNED		CHECKED		REV. DRAWING	
EQUIPMENT		APPROVED		A3/3		3rd	
KID		KUK DONG HOIST CO., LTD.		SHEET No.		DWG No.	
						KD3BA52DL	

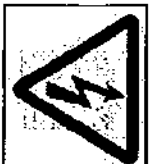


NOTE

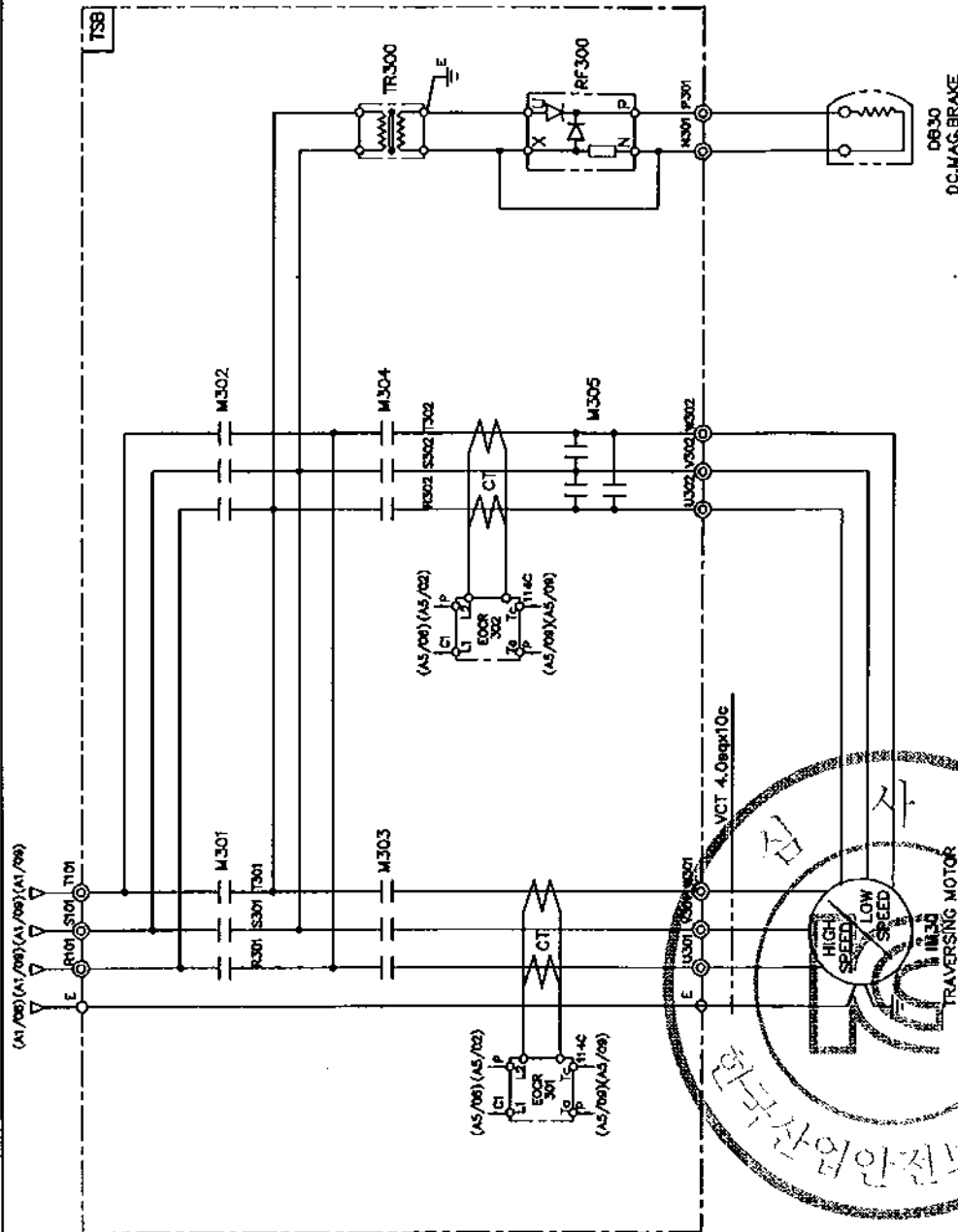
1. UPPER LIMIT LS-1,LS-2의 단점 허용 전류 용량 : AC 600V 75A

2. POWER SOURCE : AC 3φ 460V 60Hz

3. EARTH TERMINAL RESISTANCE 0.01Ω 이하



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		DESCRIPTION		MAGNET CONTACTOR		SILICON RECTIFIER		ELECTRIC OVER CURRENT RELAY		TRANSFORMER	
TRAVERSING MOTOR		DB30		DC 100V	DC 100V	M301, M302, M303, M304, M305		RF 300		EOCR 301, 302		TR300	
480V		0.5/0.25KW		2/2P AC3PH 60Hz	480V 60Hz	DOO-22P		SR-30		SS-05		AC460/220V, 300VA	
480V		0.5/0.25KW		2/2P AC3PH 60Hz	480V 60Hz	DOO-22P		SR-30		SS-05		AC460/220V, 300VA	
SELECTION		MAKER		KUKDOONG		DAERYUK		ASECO		SHINHAN		ORDER NO.	
DRAWING		DESIGN		CHECKED		APPROVED		SCALE		DATE		DWG. NO.	
TRAVERSING POWER CONTROL CIRCUIT		DIAGRAM		KUK DOONG HOIST CO., LTD.		KUK DOONG HOIST CO., LTD.		NONE		NONE		KD3E55	
MK	DATE	REVISIONS		CHK.	APP.	CUSTOMER		DRAWING TITLE		TRAVERSING POWER CONTROL CIRCUIT		DWG. NO.	

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NO	SYMBOL	DESCRIPTION	SPECIFICATION	QTY	MAKER
1	MCCB100	NO FUSE BREAKER	DBE-33/20	1	HOISING
2	M101,102	MAG. CONTACTOR	DOC-40P	2	HOISING
3	TR1	TRANSFORMER	480V/110,120V 100VA	1	SHINHAN
4	EOCR100	ELECTRONIC OVER CURRENT RELAY	SS-30	1	HOISING
5	RF100	SILICON RECTIFIER	SR-60	1	HOISING
6	M301,302	MAG. CONTACTOR	DOC-22P	2	TRAVERSING
7	EOCR300	ELECTRONIC OVER CURRENT RELAY	SS-05	1	TRAVERSING
8	RF300	SILICON RECTIFIER	SR-30	1	TRAVERSING
9		TERMINAL BLOCK	35A,15A	1	BUMHAN
10		EARTH TERMINAL	3tx20x50	1	
11	F11,12,(13)	FUSE	1A, (3A)	2(1)	PUR

NOTE

1. 전선의 색상과 같다.

1) 용역 : 그루 및 작류 전선선로 5) 용역 : 작류 제어회로

2) 용역 : 그루 제어회로

3) 주용역 : 외부에서 공급되는 전동장치 제어회로

4) 용역 또는 용역과 용역 : 전지선

2. CABLE MATERIAL : KIV OR EQUIVALENT

MIN SIZE : 2.5sq

3. 제어용 전선 : 2.5mm KIV,HIV

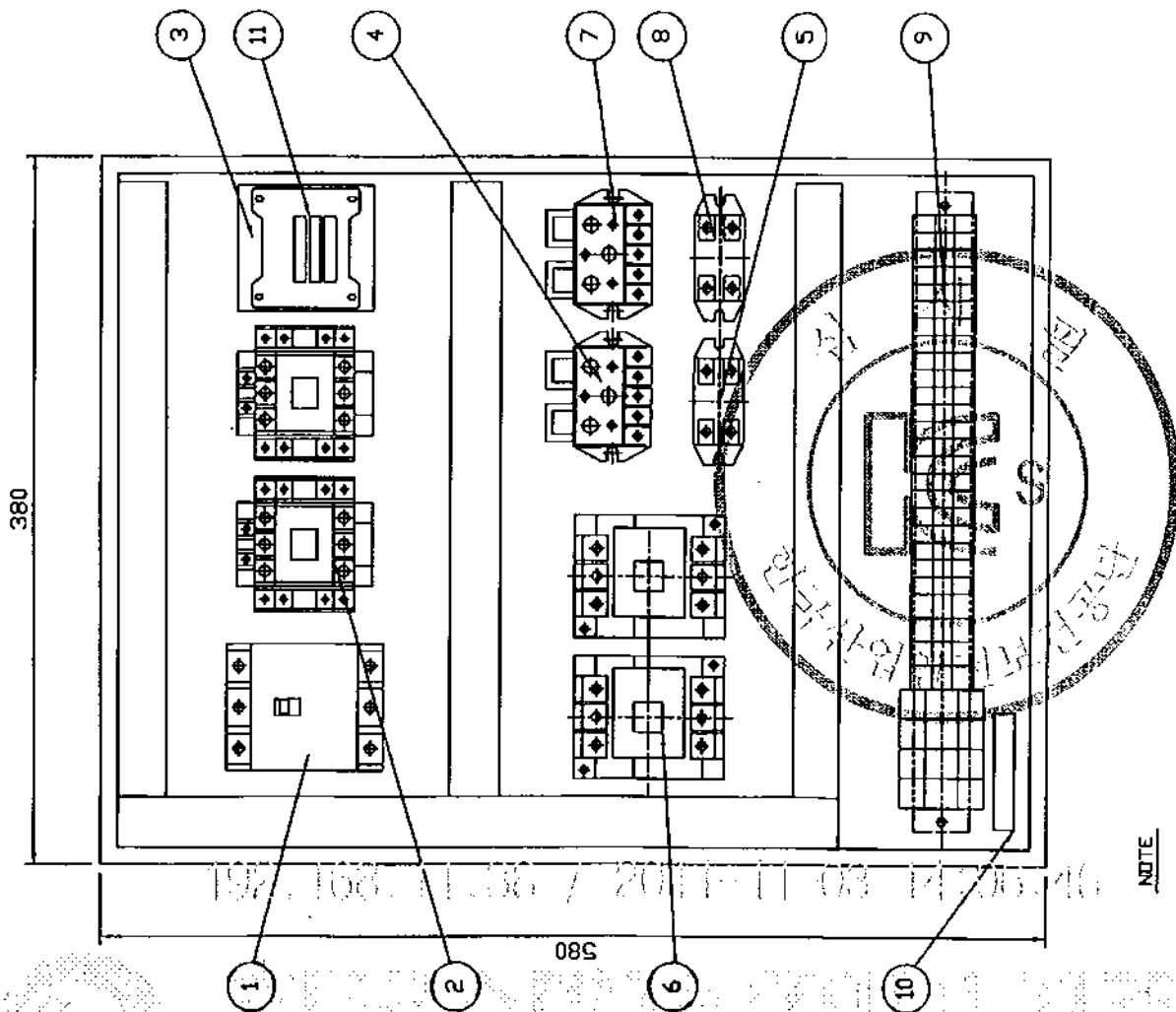
4. 제어시 다스 변경 필요있음.

5. 외함 개형구르는 다음과 같음.

1) 외함 개형시 용접부분이 차단되도록 함.

2) 외함 개형후 용접되어있는 부분은 IP2X 이상의 차단 성능을 갖도록 함.

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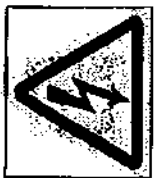


NOTE

1. UPPER LIMIT LS-1,LS-2의 정격 허용 전류 : AC 600V 75A

2. POWER SOURCE : AC 3φ 480V 60Hz

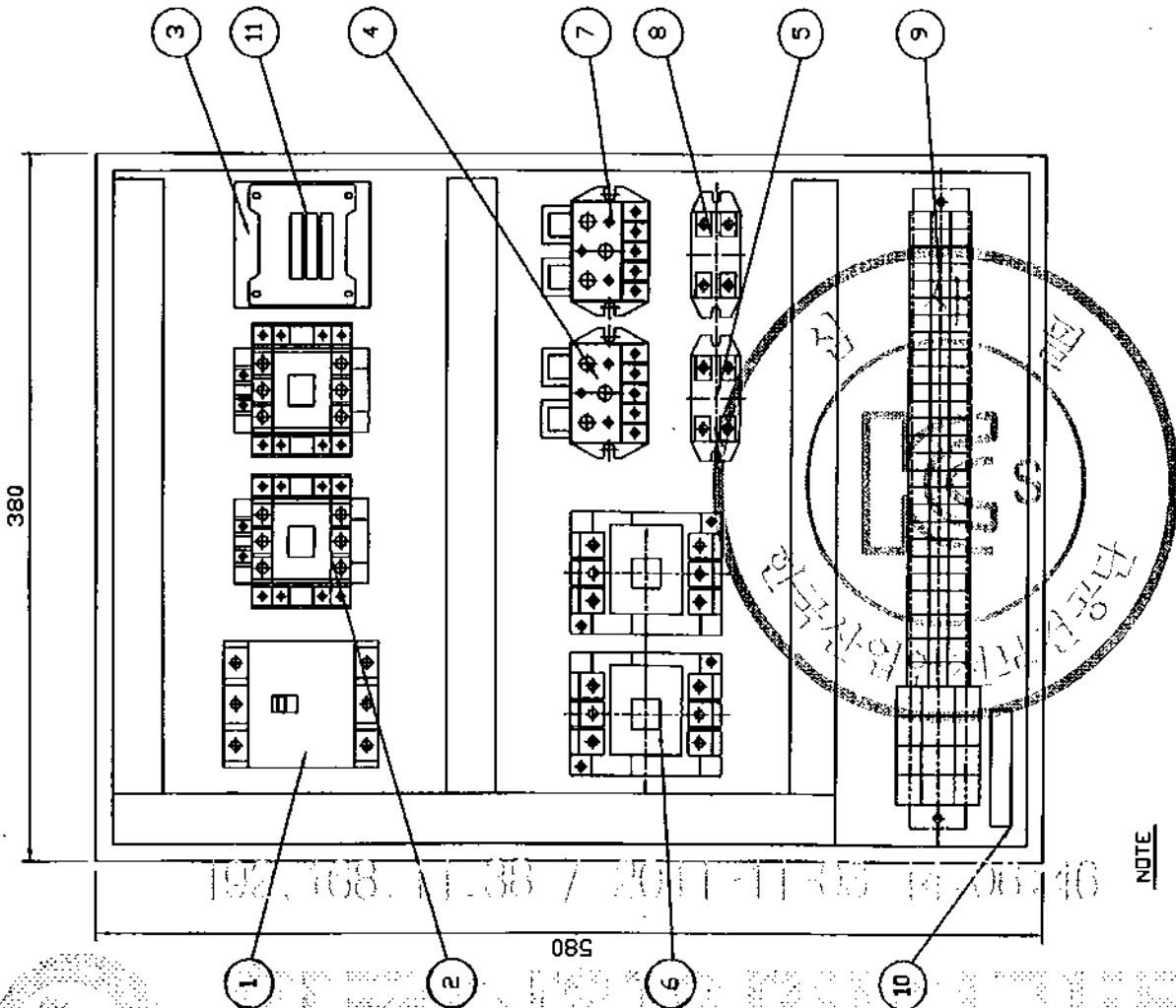
3. EARTH TERMINAL RESISTANCE 0.018 Ω



NO	SYMBOL	DESCRIPTION	SPECIFICATION	Q'TY	MAKER
1	MCCB100	NO FUSE BREAKER	DBE-33/20	1	HOISTING
2	M101,102	MAG. CONTACTOR	DOC-40P	2	HOISTING
3	TR1	TRANSFORMER	480V/110,120V 100VA	1	SHINHAN
4	EOCR100	ELECTRONIC OVER CURRENT RELAY	SS-30	1	HOISTING
5	RF100	SILICON RECTIFIER	SR-60	1	HOISTING
6	M301,302	MAG. CONTACTOR	DOC-22P	2	TRAVERSING
7	EOCR300	ELECTRONIC OVER CURRENT RELAY	SS-05	1	TRAVERSING
8	RF300	SILICON RECTIFIER	SR-30	1	TRAVERSING
9		TERMINAL BLOCK	35A,1SA	1	BUMHAN
10		EARTH TERMINAL	3x20x50	1	
11	F11,12,(13)	FUSE	1A, (3A)	2(1)	PUR'

NOTE 1. 전선의 사양은 다음과 같다.

- 1) 폭력 : 2.5mm KIV,HIV
- 2) 폭력 : 2.5mm KIV,HIV
- 3) 폭력 : 2.5mm KIV,HIV
- 4) 폭력 : 2.5mm KIV,HIV
- 5) 폭력 : 2.5mm KIV,HIV
- 6) 폭력 : 2.5mm KIV,HIV
- 7) 폭력 : 2.5mm KIV,HIV
- 8) 폭력 : 2.5mm KIV,HIV
- 9) 폭력 : 2.5mm KIV,HIV
- 10) 폭력 : 2.5mm KIV,HIV
- 11) 폭력 : 2.5mm KIV,HIV



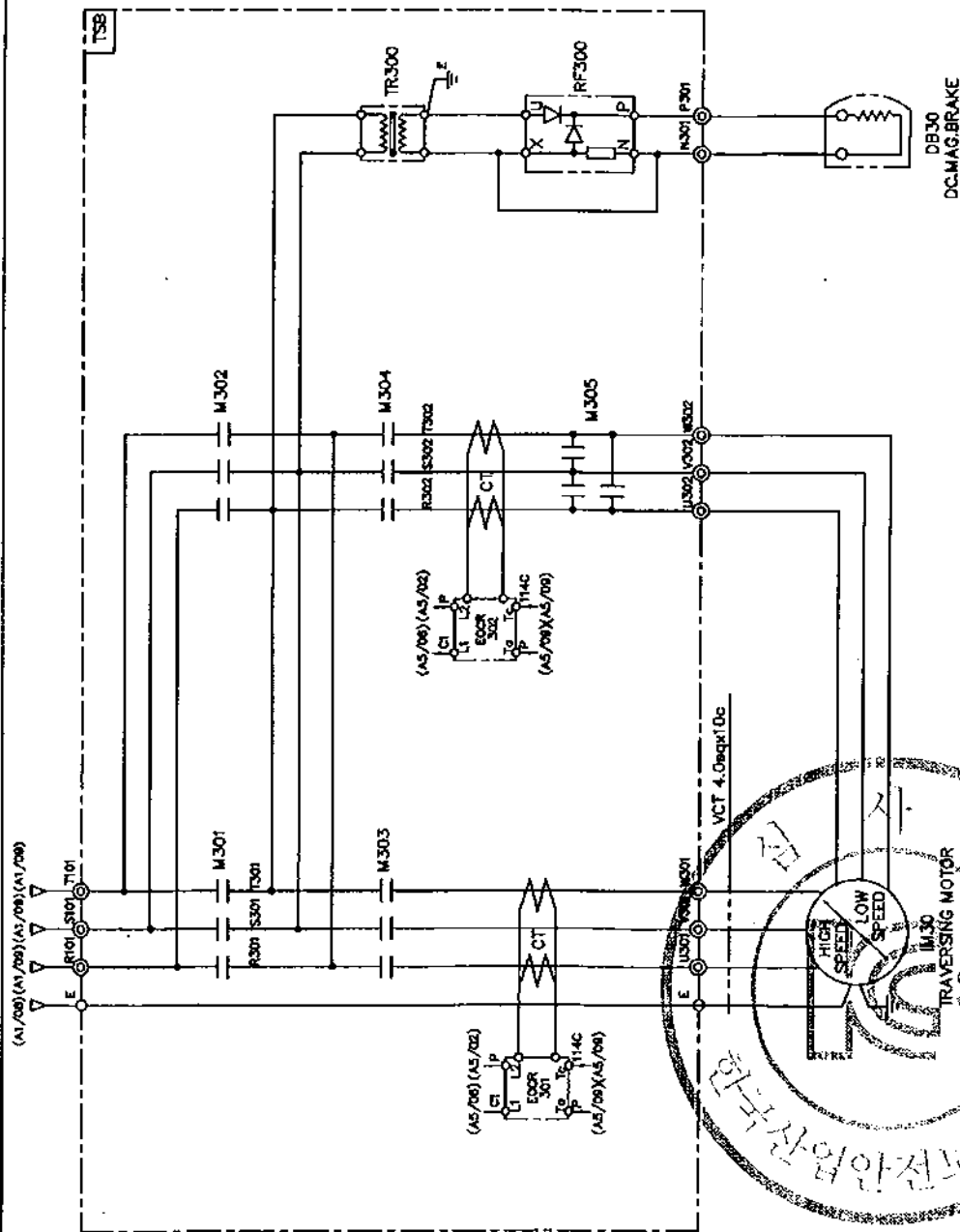
NOTE

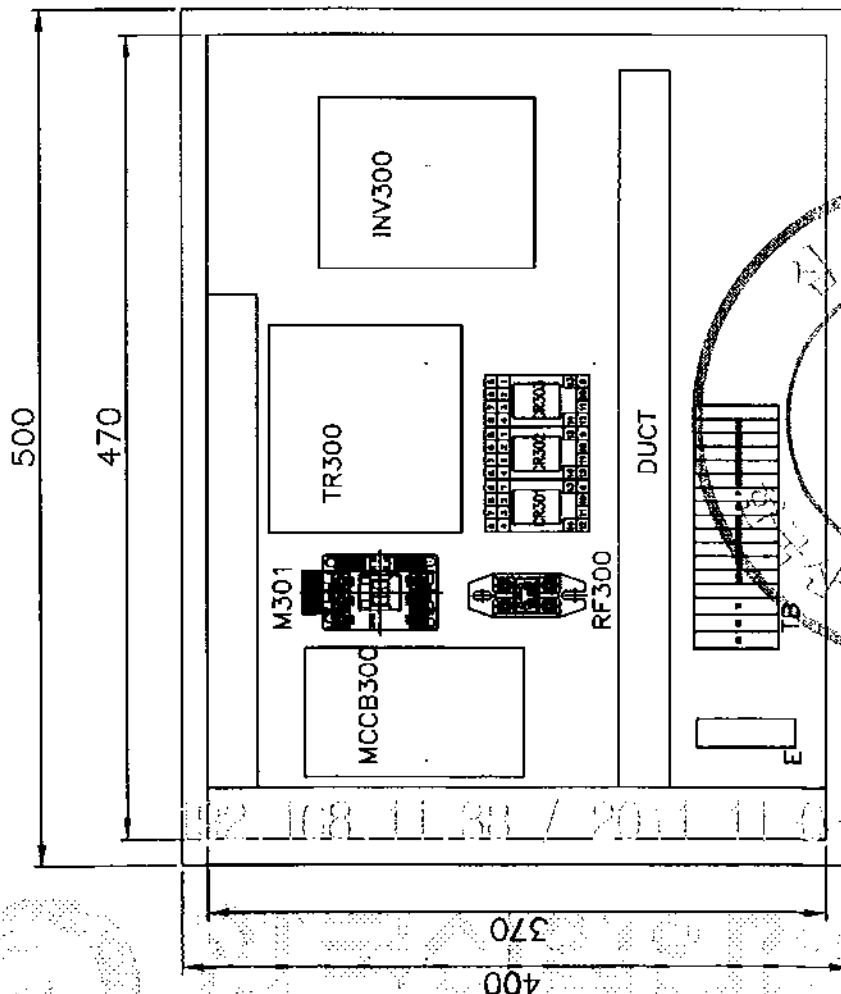
1. UPPER LIMIT LS-1LS-2의 전선 허용 전류 : AC 600V 75A
2. POWER SOURCE : AC 3φ 480V 60Hz
3. EARTH TERMINAL RESISTANCE 0.018 Ω



NO.	DESCRIPTION	MTL	SUB TOTAL QTY	SUB TOTAL WEIGHT(g)	REMARKS.
PROJECT					
TITLE					
HOISTING & T/S BOX (제속)					
EQUIPMENT					
DRAWN	DESIGNED	CHECKED	APPROVED	DATE	DIM
					mm
				SCALE	PROJECTION
				A3/3	3rd
				REF. DRAWING	
KUK DONG HOIST CO., LTD.					
KOD3BA62DL					

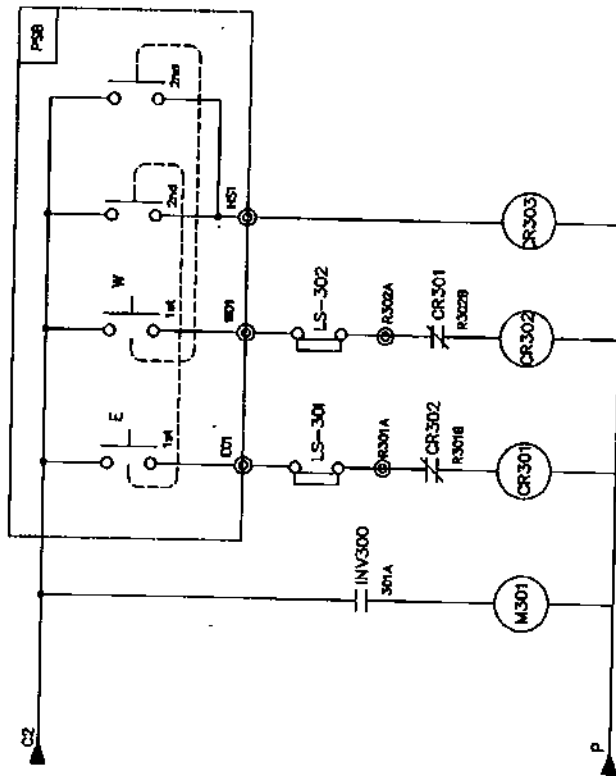
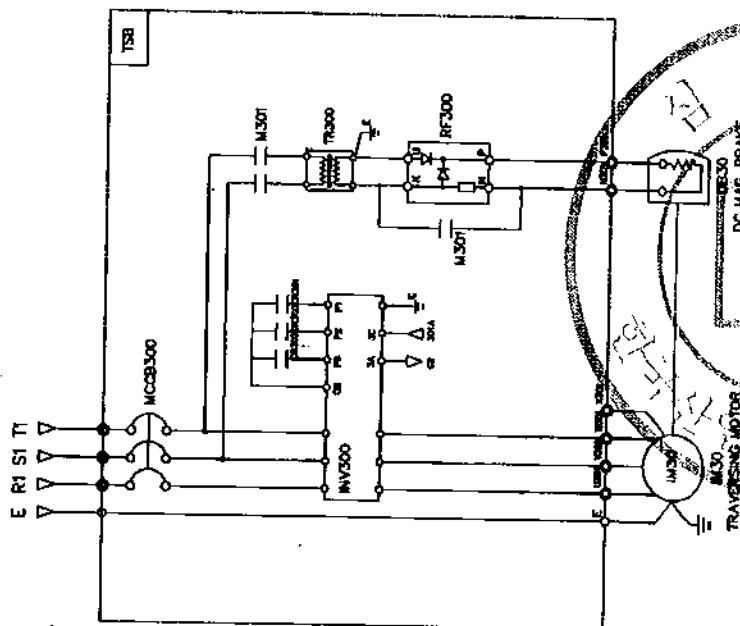
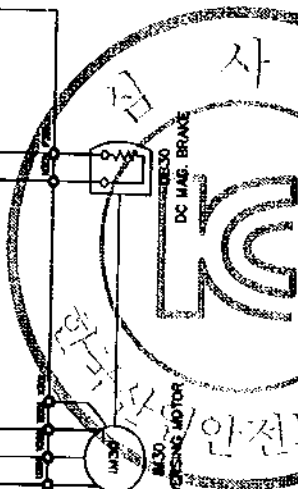


[illegible]

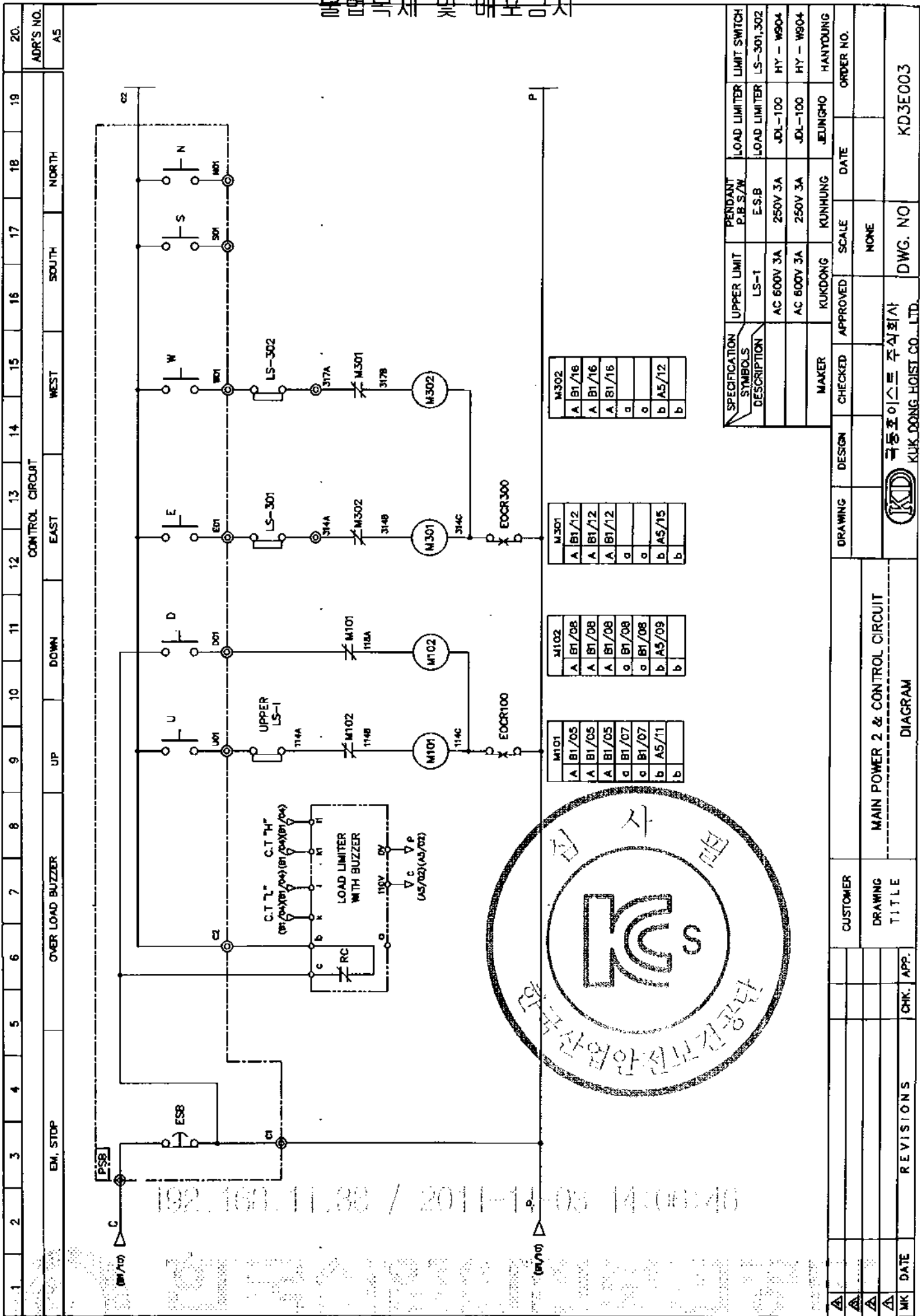


2	4 2	SS400		1							
1	T/S BOX		PIR		1						
NO.	DESCRIPTION	MTL	SUB	TOTAL	SUB	TOTAL	DATE	DIM	SCALE	PROJECTION	REMARKS.
			QTY			WEIGHT(KG)		mm			
PROJECT							DATE				
TITLE	T/S CONTROL PANEL(INVERTER)										
DRAWN	DESIGNED	CHECKED	APPROVED				A3/3	3rd			
							REF. DRAWING				
 KUDONGHISTE 주식회사 KUK DONG HOIST CO., LTD.			SHEET No.		DWG No.		K02E1001				

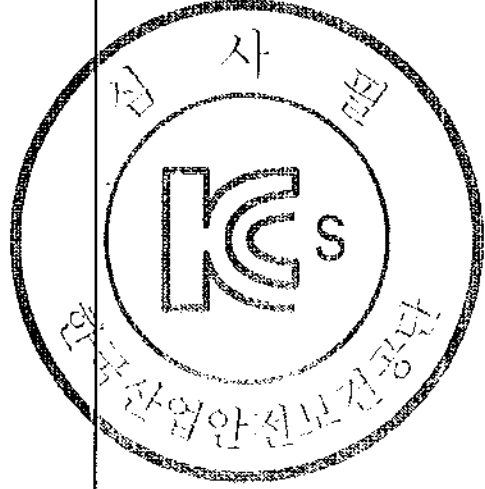
11	EARTH BUS BAR	PUR	1		
10	DUCT	PUR	1		
9	TERMINAL BLOCK	PUR	1		
8	INVERTER	PUR	1		
7	TR	PUR	1		
6	RELAY & SOCKET	PUR	1		
5	RF	PUR	1		
4	MC	PUR	1		
3	MCCB	PUR	1		



SPECIFICATION SYMBOLS	TRAVERSING POWER	TRAVERSING MOTOR	DC MAG. BRAKE	NO FUSE BREAKER	TRANSFORMER	BRAKE MAGNET	CONTROL RELAY	INVERTER	SILICON RECTIFIER
AC 3PH 220V 50Hz	IM 30	0.75KW x 4P	DBE-33AF/10AT	MC08300	TR 300	M301	CR301,302,303	INV300	RT300
AC 3PH 380V 440,460,480V 50Hz	0.75KW x 4P	0.75KW x 4P	DBE-33AF/10AT		220V,220V,300V	DM-22C	MINI 4x4b (Coil AC110V)	SV015IGSA-2	SR-30
AC 3PH 220V 50Hz	0.5KW x 6P	0.5KW x 6P	DBE-33AF/10AT		380V(440,460,480)/220V,300V	DM-22C	MINI 4x4b (Coil AC110V)	SV015IGSA-4	SR-30
AC 3PH 380V 440,460,480V 50Hz	0.5KW x 6P	0.5KW x 6P	DBE-33AF/10AT		220V,220V,300V	DM-22C	MINI 4x4b (Coil AC110V)	SV008IGSA-2	SR-30
					380V(440,460,480)/220V,300V	DM-22C	MINI 4x4b (Coil AC110V)	SV008IGSA-4	SR-30
SELECTION MAKER	KUK DONG HOIST								
	CUSTOMER	INVERTER CONTROL							
	DRAWING TITLE	TRAVERSING POWER & CONTROL CIRCUIT							
	CHK. APP.	DIAGRAM							
DATE	REVISIONS	국동호이스트 주식회사 KUK DONG HOIST CO., LTD. DWG. NO KD3E1002							
		APPROVED DATE ORDER NO.							



SPECIFICATION SYMBOLS	DESCRIPTION	UPPER LIMIT	PENDANT P.B. S/W	LOAD LIMITER	LIMIT SWITCH
		LS-1	E.S.B	LOAD LIMITER	LS-301,302
		AC 600V 3A	250V 3A	JDL-100	HY - W904
		AC 600V 3A	250V 3A	JDL-100	HY - W904
MAKER		KUKDONG	KUNHUNG	JEUNGHO	HANYOUNG
CHECKED	DESIGN	APPROVED	SCALE	DATE	ORDER NO.
			NONE		



KD3E003

DWG. NO

국동호이스트 주식회사
KUK DONG HOIST CO., LTD.

MAIN POWER 2 & CONTROL CIRCUIT
DIAGRAM

CUSTOMER

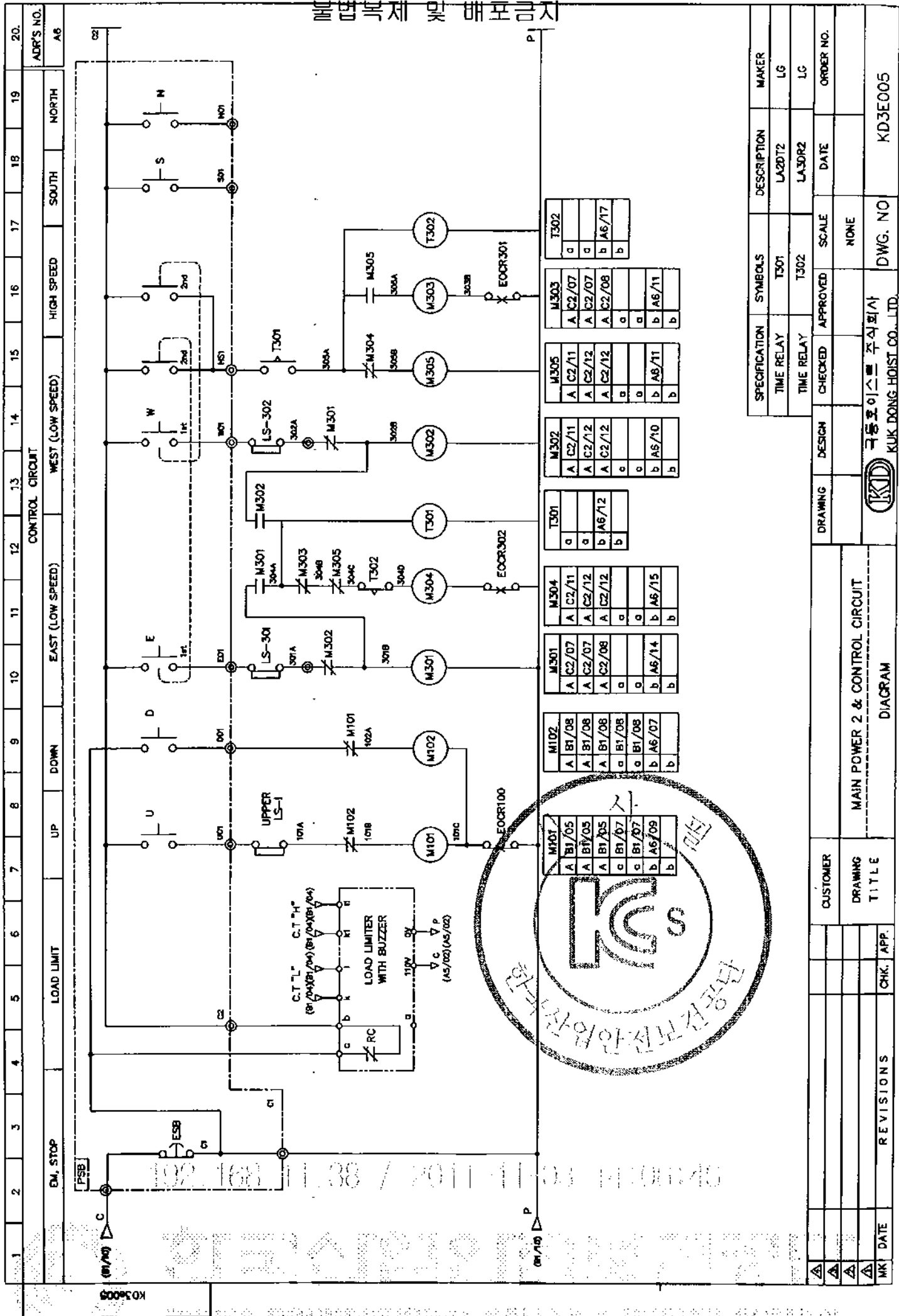
DRAWING TITLE

REVISIONS

CHK. APP.

DATE

MK



SPECIFICATION	SYMBOLS	DESCRIPTION	MAKER
TIME RELAY	T301	LA20T2	LG
TIME RELAY	T302	LA30R2	LG

DRAWING	DESIGN	CHECKED	APPROVED	SCALE	DATE	ORDER NO.
				NONE		

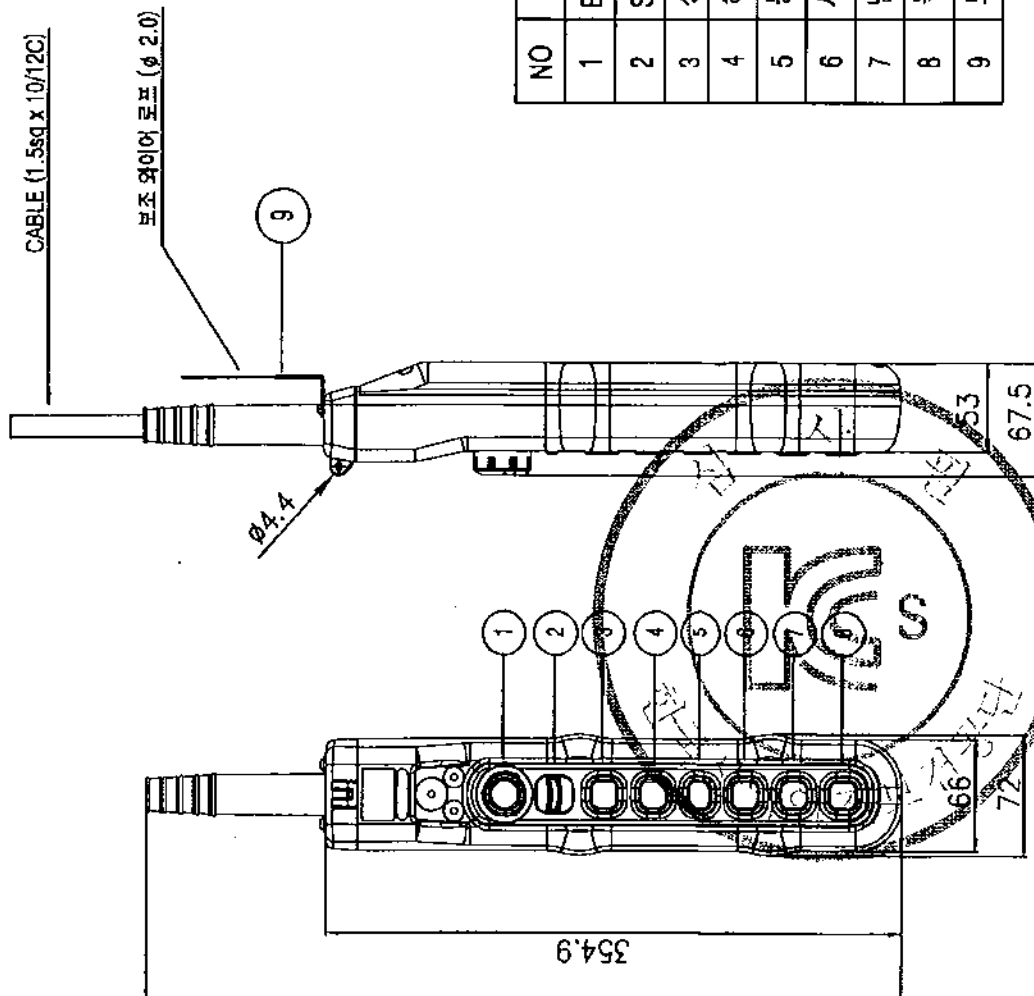
DWG. NO	주식회사
KD3E005	KUK DONG HOIST CO., LTD.

CUSTOMER	MAIN POWER 2 & CONTROL CIRCUIT

DRAWING	TITLE

REVISIONS	CHK.	APP.

DATE	DATE



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

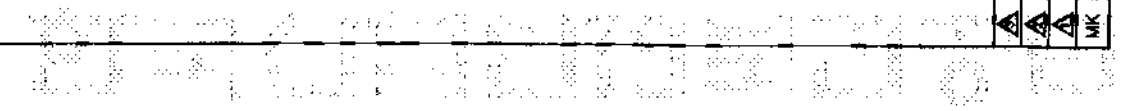
- * MATERIAL : POLYCARBONATE(PLASTIC)
- * BODY COLOR : YELLOW, BLACK
- * IP : 55 이상

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 1STEP		
4	하	1PUSH BUTTON 1STEP		
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	φ 2.0		

DRAWING	DESIGN	CHECKED	APPROVED	SCALE	DATE
PENDING PUSH BUTTON SWITCH					
LAY OUT					
CUSTOMER					
DRAWING TITLE					
CHK.					
APP.					
REVISIONS					
DATE					
KUK DONG HOIST CO., LTD. DWG. NO.					

192.168.11.38 / 2011-11-03 14:06:46

192.168.11.38 / 2011-11-03 14:06:46



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 1STEP		
4	하	1PUSH BUTTON 1STEP		
5	동 (좌)	1PUSH BUTTON 2STEP		
6	서 (우)	1PUSH BUTTON 2STEP		
7	남 (진)	1PUSH BUTTON 1STEP		
8	북 (후)	1PUSH BUTTON 1STEP		
9	보조 WIRE	φ 2.0		

☒													
☒													
☒													
MK	DATE	REVISIONS	CHK.	APP.	CUSTOMER	PENDANT PUSH BUTTON SWITCH							
						LAYOUT							
						 KUK DONG HOIST CO., LTD.							
						DRAWING	DESIGN	CHECKED	APPROVED	SCALE	DATE		

LOAD LIMITER 권고 SETTING치

* POWER SOURCE : AC 3Φ 220V 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%				
0.5 TON	1.2KW x 8P	110%	1 SEC	1 SEC	8.0 A	9.0 A	CT-1	K, L	5 V.A	
	1.5KW x 6P	110%	1 SEC	1 SEC	7.6 A	8.4 A	CT-1	K, L	5 V.A	
	2.4KW x 4P	110%	1 SEC	1 SEC	10 A	11.2 A	CT-1	K, L	5 V.A	
1 TON	1.2KW x 8P	110%	1 SEC	1 SEC	8.0 A	9.0 A	CT-1	K, L	5 V.A	
	1.8KW x 6P	110%	1 SEC	1 SEC	8.6 A	9.4 A	CT-1	K, L	5 V.A	
	2.4KW x 4P	110%	1 SEC	1 SEC	10 A	11.2 A	CT-1	K, L	5 V.A	
2 TON	1.8KW x 8P	110%	1 SEC	1 SEC	11.0 A	12.2 A	CT-1	K, L	5 V.A	
	2.5KW x 6P	110%	1 SEC	1 SEC	12.0 A	13.2 A	CT-1	K, L	5 V.A	
	3.7KW x 4P	110%	1 SEC	1 SEC	16.0 A	17.6 A	CT-1	K, L	5 V.A	
2.8 TON	2.5KW x 8P	110%	1 SEC	1 SEC	17.7 A	19.5 A	CT-1	K, L	5 V.A	
	5.0KW x 4P	110%	1 SEC	1 SEC	22.8 A	25.0 A	CT-1	K, L	5 V.A	
	2.8KW x 8P	110%	1 SEC	1 SEC	17.7 A	19.5 A	CT-1	K, L	5 V.A	
3 TON	5.5KW x 4P	110%	1 SEC	1 SEC	22.8 A	25.0 A	CT-1	K, L	5 V.A	
	4.2KW x 8P	110%	1 SEC	1 SEC	23.0 A	25.3 A	CT-1	K, L	5 V.A	
	5.5KW x 6P	110%	1 SEC	1 SEC	28.2 A	31.0 A	CT-1	K, L	5 V.A	
5 TON	8.5KW x 4P	110%	1 SEC	1 SEC	34.4 A	38.4 A	CT-1	K, L	5 V.A	
	4.2KW x 8P	110%	1 SEC	1 SEC	23.0 A	25.3 A	CT-1	K, L	5 V.A	
	5.5KW x 6P	110%	1 SEC	1 SEC	28.2 A	31.0 A	CT-1	K, L	5 V.A	
7.5 TON	8.5KW x 4P	110%	1 SEC	1 SEC	34.4 A	38.4 A	CT-1	K, L	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

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%				
0.5 TON	1.2KW x 8P	110%	1 SEC	1 SEC	4.6 A	5.2 A	CT-1	K, L	5 V.A	
	1.5KW x 6P	110%	1 SEC	1 SEC	5.4 A	4.9 A	CT-1	K, L	5 V.A	
	2.4KW x 4P	110%	1 SEC	1 SEC	5.6 A	6.4 A	CT-1	K, L	5 V.A	
1 TON	1.2KW x 8P	110%	1 SEC	1 SEC	4.6 A	5.2 A	CT-1	K, L	5 V.A	
	1.8KW x 6P	110%	1 SEC	1 SEC	5.4 A	4.9 A	CT-1	K, L	5 V.A	
	2.4KW x 4P	110%	1 SEC	1 SEC	5.6 A	6.4 A	CT-1	K, L	5 V.A	
2 TON	1.8KW x 8P	110%	1 SEC	1 SEC	6.4 A	7.1 A	CT-1	K, L	5 V.A	
	2.5KW x 6P	110%	1 SEC	1 SEC	7.0 A	7.7 A	CT-1	K, L	5 V.A	
	3.7KW x 4P	110%	1 SEC	1 SEC	9.3 A	10.3 A	CT-1	K, L	5 V.A	
2.8 TON	2.5KW x 8P	110%	1 SEC	1 SEC	10.3 A	11.4 A	CT-1	K, L	5 V.A	
	5.0KW x 4P	110%	1 SEC	1 SEC	12.2 A	13.5 A	CT-1	K, L	5 V.A	
	2.8KW x 6P	110%	1 SEC	1 SEC	10.3 A	11.4 A	CT-1	K, L	5 V.A	
3 TON	5.5KW x 4P	110%	1 SEC	1 SEC	12.2 A	13.5 A	CT-1	K, L	5 V.A	
	4.2KW x 8P	110%	1 SEC	1 SEC	13.3 A	14.6 A	CT-1	K, L	5 V.A	
	5.5KW x 6P	110%	1 SEC	1 SEC	16.3 A	18.0 A	CT-1	K, L	5 V.A	
5 TON	8.5KW x 4P	110%	1 SEC	1 SEC	19.9 A	23.1 A	CT-1	K, L	5 V.A	
	4.2KW x 8P	110%	1 SEC	1 SEC	13.3 A	14.6 A	CT-1	K, L	5 V.A	
	5.5KW x 6P	110%	1 SEC	1 SEC	19.9 A	23.1 A	CT-1	K, L	5 V.A	
7.5 TON	8.5KW x 4P	110%	1 SEC	1 SEC	16.3 A	18.0 A	CT-1	K, L	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

극동호이스트㈜

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%				
0.5 TON	1.2KW x 8P	110%	1 SEC	1 SEC	4.0 A	4.6 A	CT-1	K, L	5 V.A	
	1.5KW x 6P	110%	1 SEC	1 SEC	3.8 A	4.5 A	CT-1	K, L	5 V.A	
	2.4KW x 4P	110%	1 SEC	1 SEC	5.0 A	5.9 A	CT-1	K, L	5 V.A	
1 TON	1.2KW x 8P	110%	1 SEC	1 SEC	4.0 A	4.6 A	CT-1	K, L	5 V.A	
	1.8KW x 6P	110%	1 SEC	1 SEC	4.4 A	4.9 A	CT-1	K, L	5 V.A	
	2.4KW x 4P	110%	1 SEC	1 SEC	5.0 A	5.9 A	CT-1	K, L	5 V.A	
2 TON	1.8KW x 8P	110%	1 SEC	1 SEC	5.5 A	6.1 A	CT-1	K, L	5 V.A	
	2.5KW x 6P	110%	1 SEC	1 SEC	5.8 A	6.4 A	CT-1	K, L	5 V.A	
	3.7KW x 4P	110%	1 SEC	1 SEC	8.0 A	10.8 A	CT-1	K, L	5 V.A	
2.8 TON	2.5KW x 8P	110%	1 SEC	1 SEC	8.9 A	9.8 A	CT-1	K, L	5 V.A	
	5.0KW x 4P	110%	1 SEC	1 SEC	10.5 A	11.6 A	CT-1	K, L	5 V.A	
	2.8KW x 6P	110%	1 SEC	1 SEC	8.9 A	9.8 A	CT-1	K, L	5 V.A	
3 TON	5.5KW x 4P	110%	1 SEC	1 SEC	10.5 A	11.6 A	CT-1	K, L	5 V.A	
	4.2KW x 8P	110%	1 SEC	1 SEC	11.5 A	12.7 A	CT-1	K, L	5 V.A	
	5.5KW x 6P	110%	1 SEC	1 SEC	14.1 A	15.5 A	CT-1	K, L	5 V.A	
5 TON	8.5KW x 4P	110%	1 SEC	1 SEC	16.5 A	20.5 A	CT-1	K, L	5 V.A	
	4.2KW x 8P	110%	1 SEC	1 SEC	11.5 A	12.7 A	CT-1	K, L	5 V.A	
	5.5KW x 6P	110%	1 SEC	1 SEC	14.1 A	15.5 A	CT-1	K, L	5 V.A	
7.5 TON	8.5KW x 4P	110%	1 SEC	1 SEC	16.5 A	20.5 A	CT-1	K, L	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%				
0.5 TON	1.2KW x 8P	110%	1 SEC	1 SEC	3.8 A	4.4 A	CT-1	K, L	5 V.A	
	1.5KW x 6P	110%	1 SEC	1 SEC	3.6 A	4.1 A	CT-1	K, L	5 V.A	
	2.4KW x 4P	110%	1 SEC	1 SEC	4.8 A	5.2 A	CT-1	K, L	5 V.A	
1 TON	1.2KW x 8P	110%	1 SEC	1 SEC	3.8 A	4.4 A	CT-1	K, L	5 V.A	
	1.8KW x 6P	110%	1 SEC	1 SEC	4.2 A	4.6 A	CT-1	K, L	5 V.A	
	2.4KW x 4P	110%	1 SEC	1 SEC	4.8 A	5.2 A	CT-1	K, L	5 V.A	
2 TON	1.8KW x 8P	110%	1 SEC	1 SEC	5.3 A	5.9 A	CT-1	K, L	5 V.A	
	2.5KW x 6P	110%	1 SEC	1 SEC	5.5 A	6.1 A	CT-1	K, L	5 V.A	
	3.7KW x 4P	110%	1 SEC	1 SEC	7.7 A	8.5 A	CT-1	K, L	5 V.A	
2.8 TON	2.5KW x 8P	110%	1 SEC	1 SEC	7.7 A	8.5 A	CT-1	K, L	5 V.A	
	5.0KW x 4P	110%	1 SEC	1 SEC	10.0 A	11.5 A	CT-1	K, L	5 V.A	
	2.8KW x 6P	110%	1 SEC	1 SEC	7.7 A	8.5 A	CT-1	K, L	5 V.A	
3 TON	5.5KW x 4P	110%	1 SEC	1 SEC	10.0 A	11.5 A	CT-1	K, L	5 V.A	
	4.2KW x 8P	110%	1 SEC	1 SEC	11.0 A	12.2 A	CT-1	K, L	5 V.A	
	5.5KW x 6P	110%	1 SEC	1 SEC	13.5 A	14.7 A	CT-1	K, L	5 V.A	
5 TON	8.5KW x 4P	110%	1 SEC	1 SEC	16.5 A	20.5 A	CT-1	K, L	5 V.A	
	4.2KW x 8P	110%	1 SEC	1 SEC	11.0 A	12.2 A	CT-1	K, L	5 V.A	
	5.5KW x 6P	110%	1 SEC	1 SEC	13.5 A	14.7 A	CT-1	K, L	5 V.A	
7.5 TON	8.5KW x 4P	110%	1 SEC	1 SEC	16.5 A	20.5 A	CT-1	K, L	5 V.A	
	4.2KW x 8P	110%	1 SEC	1 SEC	11.0 A	12.2 A	CT-1	K, L	5 V.A	
	5.5KW x 6P	110%	1 SEC	1 SEC	13.5 A	14.7 A	CT-1	K, L	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

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%				
0.5 TON	1.2KW x 8P	110%	1 SEC	1 SEC	3.6 A	4.2 A	CT-1	K, L	5 V.A	
	1.5KW x 6P	110%	1 SEC	1 SEC	3.5 A	3.9 A	CT-1	K, L	5 V.A	
	2.4KW x 4P	110%	1 SEC	1 SEC	4.6 A	5.1 A	CT-1	K, L	5 V.A	
1 TON	1.2KW x 8P	110%	1 SEC	1 SEC	3.6 A	4.2 A	CT-1	K, L	5 V.A	
	1.8KW x 6P	110%	1 SEC	1 SEC	4.0 A	4.7 A	CT-1	K, L	5 V.A	
	2.4KW x 4P	110%	1 SEC	1 SEC	4.6 A	5.1 A	CT-1	K, L	5 V.A	
2 TON	1.8KW x 8P	110%	1 SEC	1 SEC	5.1 A	5.8 A	CT-1	K, L	5 V.A	
	2.5KW x 6P	110%	1 SEC	1 SEC	5.3 A	6.0 A	CT-1	K, L	5 V.A	
	3.7KW x 4P	110%	1 SEC	1 SEC	7.3 A	8.2 A	CT-1	K, L	5 V.A	
2.8 TON	2.5KW x 8P	110%	1 SEC	1 SEC	7.3 A	8.2 A	CT-1	K, L	5 V.A	
	5.0KW x 4P	110%	1 SEC	1 SEC	9.6 A	11.2 A	CT-1	K, L	5 V.A	
	2.8KW x 6P	110%	1 SEC	1 SEC	7.3 A	8.2 A	CT-1	K, L	5 V.A	
3 TON	5.5KW x 4P	110%	1 SEC	1 SEC	9.6 A	11.2 A	CT-1	K, L	5 V.A	
	4.2KW x 8P	110%	1 SEC	1 SEC	10.5 A	12.0 A	CT-1	K, L	5 V.A	
	5.5KW x 6P	110%	1 SEC	1 SEC	12.9 A	14.2 A	CT-1	K, L	5 V.A	
5 TON	8.5KW x 4P	110%	1 SEC	1 SEC	15.8 A	19.9 A	CT-1	K, L	5 V.A	
	4.2KW x 8P	110%	1 SEC	1 SEC	10.5 A	12.0 A	CT-1	K, L	5 V.A	
	5.5KW x 6P	110%	1 SEC	1 SEC	12.9 A	14.2 A	CT-1	K, L	5 V.A	
7.5 TON	8.5KW x 4P	110%	1 SEC	1 SEC	15.8 A	19.9 A	CT-1	K, L	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	
0.5 TON	1.2KW x 8P	8.0 A	1 DRIVE	SS-30	3 SEC	1 SEC	8.0 A	
	1.5KW x 6P	7.6 A	1 DRIVE	SS-30	3 SEC	1 SEC	7.6 A	
	2.4KW x 4P	10.0 A	1 DRAVE	SS-30	3 SEC	1 SEC	10.0 A	
1 TON	1.2KW x 8P	8.0 A	1 DRIVE	SS-30	3 SEC	1 SEC	8.0 A	
	1.8KW x 6P	8.6 A	1 DRIVE	SS-30	3 SEC	1 SEC	8.6 A	
	2.4KW x 4P	10.0 A	1 DRAVE	SS-30	3 SEC	1 SEC	10.0 A	
2 TON	1.8KW x 8P	11.0 A	1 DRAVE	SS-30	3 SEC	1 SEC	11.0 A	
	2.5KW x 6P	12.0 A	1 DRAVE	SS-30	3 SEC	1 SEC	12.0 A	
	3.7KW x 4P	16.0 A	1 DRAVE	SS-30	3 SEC	1 SEC	16.0 A	
2.8 TON	2.5KW x 8P	17.7 A	1 DRAVE	SS-30	3 SEC	1 SEC	17.7 A	
	5.0KW x 4P	22.8 A	1 DRAVE	SS-30	3 SEC	1 SEC	22.8 A	
	2.8KW x 8P	17.7 A	1 DRAVE	SS-30	3 SEC	1 SEC	17.7 A	
3 TON	5.5KW x 4P	22.8 A	1 DRAVE	SS-30	3 SEC	1 SEC	22.8 A	
	2.8KW x 8P	17.7 A	1 DRAVE	SS-30	3 SEC	1 SEC	17.7 A	
	5.5KW x 4P	22.8 A	1 DRAVE	SS-30	3 SEC	1 SEC	22.8 A	
5 TON	2.8KW x 8P	17.7 A	1 DRAVE	SS-30	3 SEC	1 SEC	17.7 A	
	5.5KW x 4P	22.8 A	1 DRAVE	SS-30	3 SEC	1 SEC	22.8 A	
	2.8KW x 8P	17.7 A	1 DRAVE	SS-30	3 SEC	1 SEC	17.7 A	
7.5 TON	5.5KW x 4P	22.8 A	1 DRAVE	SS-30	3 SEC	1 SEC	22.8 A	
	2.8KW x 8P	17.7 A	1 DRAVE	SS-30	3 SEC	1 SEC	17.7 A	
	5.5KW x 4P	22.8 A	1 DRAVE	SS-30	3 SEC	1 SEC	22.8 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 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	
C.5 TON	1.2KW x 8P	4.6 A	1 DRIVE	SS-30	3 SEC	1 SEC	4.6 A	
	1.5KW x 6P	5.4 A	1 DRIVE	SS-30	3 SEC	1 SEC	5.4 A	
	2.4KW x 4P	5.6 A	1 DRAVE	SS-30	3 SEC	1 SEC	5.6 A	
1 TON	1.2KW x 8P	4.6 A	1 DRIVE	SS-30	3 SEC	1 SEC	4.6 A	
	1.8KW x 6P	5.4 A	1 DRIVE	SS-30	3 SEC	1 SEC	5.4 A	
	2.4KW x 4P	5.6 A	1 DRAVE	SS-30	3 SEC	1 SEC	5.6 A	
2 TON	1.8KW x 8P	6.4 A	1 DRAVE	SS-30	3 SEC	1 SEC	6.4 A	
	2.5KW x 6P	7.0 A	1 DRAVE	SS-30	3 SEC	1 SEC	7.0 A	
	3.7KW x 4P	9.3 A	1 DRAVE	SS-30	3 SEC	1 SEC	9.3 A	
2.8 TON	2.5KW x 8P	10.3 A	1 DRAVE	SS-30	3 SEC	1 SEC	10.3 A	
	5.0KW x 4P	12.2 A	1 DRAVE	SS-30	3 SEC	1 SEC	12.2 A	
	2.8KW x 8P	10.3 A	1 DRAVE	SS-30	3 SEC	1 SEC	10.3 A	
3 TON	5.5KW x 4P	12.2 A	1 DRAVE	SS-30	3 SEC	1 SEC	12.2 A	
	4.2KW x 8P	13.3 A	1 DRAVE	SS-30	3 SEC	1 SEC	13.3 A	
	5.5KW x 6P	16.3 A	1 DRAVE	SS-30	3 SEC	1 SEC	16.3 A	
5 TON	8.5KW x 4P	19.9 A	1 DRAVE	SS-30	3 SEC	1 SEC	19.9 A	
	4.2KW x 8P	13.3 A	1 DRAVE	SS-30	3 SEC	1 SEC	13.3 A	
	5.5KW x 6P	16.3 A	1 DRAVE	SS-30	3 SEC	1 SEC	16.3 A	
7.5 TON	8.5KW x 4P	19.9 A	1 DRAVE	SS-30	3 SEC	1 SEC	19.9 A	
	4.2KW x 8P	13.3 A	1 DRAVE	SS-30	3 SEC	1 SEC	13.3 A	
	5.5KW x 6P	16.3 A	1 DRAVE	SS-30	3 SEC	1 SEC	16.3 A	
7.5 TON	8.5KW x 4P	19.9 A	1 DRAVE	SS-30	3 SEC	1 SEC	19.9 A	
	4.2KW x 8P	13.3 A	1 DRAVE	SS-30	3 SEC	1 SEC	13.3 A	
	5.5KW x 6P	16.3 A	1 DRAVE	SS-30	3 SEC	1 SEC	16.3 A	

NOTE

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

E.O.C.R 권고 SETTING치

극동호이스트(주)

* POWER SOURCE : AC 3Φ 440V 60Hz

HOIST	MOTOR 용량	MOTOR 정격 전류	DRIVE TYPE	E.O.C.R TYPE	권고 SETTING 치			REMARK
					DELAY TIME	OPERATION TIME	CURRENT	
0.5 TON	1.2KW x 8P	4.0 A	1 DRIVE	SS-06	3 SEC	1 SEC	4.0 A	
	1.5KW x 6P	3.8 A	1 DRIVE	SS-06	3 SEC	1 SEC	3.8 A	
	2.4KW x 4P	5.0 A	1 DRAVE	SS-30	3 SEC	1 SEC	5.0 A	
1 TON	1.2KW x 8P	4.0 A	1 DRIVE	SS-06	3 SEC	1 SEC	4.0 A	
	1.8KW x 6P	4.4 A	1 DRIVE	SS-06	3 SEC	1 SEC	4.4 A	
	2.4KW x 4P	5.0 A	1 DRAVE	SS-30	3 SEC	1 SEC	5.0 A	
2 TON	1.8KW x 8P	5.5 A	1 DRAVE	SS-30	3 SEC	1 SEC	5.5 A	
	2.5KW x 6P	5.8 A	1 DRAVE	SS-30	3 SEC	1 SEC	5.8 A	
	3.7KW x 4P	8.0 A	1 DRAVE	SS-30	3 SEC	1 SEC	8.0 A	
2.8 TON	2.5KW x 8P	8.9 A	1 DRAVE	SS-30	3 SEC	1 SEC	8.9 A	
	5.0KW x 4P	10.5 A	1 DRAVE	SS-30	3 SEC	1 SEC	10.5 A	
	2.8KW x 8P	8.9 A	1 DRAVE	SS-30	3 SEC	1 SEC	8.9 A	
3 TON	5.5KW x 4P	10.5 A	1 DRAVE	SS-30	3 SEC	1 SEC	10.5 A	
	4.2KW x 8P	11.5 A	1 DRAVE	SS-30	3 SEC	1 SEC	11.5 A	
	5.5KW x 6P	14.1 A	1 DRAVE	SS-30	3 SEC	1 SEC	14.1 A	
5 TON	8.5KW x 4P	16.5 A	1 DRAVE	SS-30	3 SEC	1 SEC	16.5 A	
	4.2KW x 8P	11.5 A	1 DRAVE	SS-30	3 SEC	1 SEC	11.5 A	
	5.5KW x 6P	14.1 A	1 DRAVE	SS-30	3 SEC	1 SEC	14.1 A	
7.5 TON	8.5KW x 4P	16.5 A	1 DRAVE	SS-30	3 SEC	1 SEC	16.5 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 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	
0.5 TON	1.2KW x 8P	3.8 A	1 DRAVE	SS-06	3 SEC	1 SEC	3.8 A	
	1.5KW x 6P	3.6 A	1 DRAVE	SS-06	3 SEC	1 SEC	3.6 A	
	2.4KW x 4P	4.8 A	1 DRAVE	SS-06	3 SEC	1 SEC	4.8 A	
1 TON	1.2KW x 8P	3.8 A	1 DRAVE	SS-30	3 SEC	1 SEC	3.8 A	
	1.8KW x 6P	4.2 A	1 DRAVE	SS-30	3 SEC	1 SEC	4.2 A	
	2.4KW x 4P	4.8 A	1 DRAVE	SS-30	3 SEC	1 SEC	4.8 A	
2 TON	1.8KW x 8P	5.3 A	1 DRAVE	SS-30	3 SEC	1 SEC	5.3 A	
	2.5KW x 6P	5.5 A	1 DRAVE	SS-30	3 SEC	1 SEC	5.8 A	
	3.7KW x 4P	7.7 A	1 DRAVE	SS-30	3 SEC	1 SEC	7.7 A	
2.8 TON	2.5KW x 8P	7.7 A	1 DRAVE	SS-30	3 SEC	1 SEC	7.7 A	
	5.0KW x 4P	10.0 A	1 DRAVE	SS-30	3 SEC	1 SEC	10.0 A	
	2.8KW x 8P	7.7 A	1 DRAVE	SS-30	3 SEC	1 SEC	7.7 A	
3 TON	5.5KW x 4P	10.0 A	1 DRAVE	SS-30	3 SEC	1 SEC	10.0 A	
	7.2KW x 4P	11.0 A	1 DRAVE	SS-30	3 SEC	1 SEC	11.0 A	
	8.5KW x 4P	13.5 A	1 DRAVE	SS-30	3 SEC	1 SEC	13.5 A	
5 TON	8.5KW x 4P	16.5 A	1 DRAVE	SS-30	3 SEC	1 SEC	16.5 A	
	4.2KW x 8P	11.0 A	1 DRAVE	SS-30	3 SEC	1 SEC	11.0 A	
	5.5KW x 6P	13.5 A	1 DRAVE	SS-30	3 SEC	1 SEC	13.5 A	
7.5 TON	8.5KW x 4P	16.5 A	1 DRAVE	SS-30	3 SEC	1 SEC	16.5 A	
	4.2KW x 8P	11.0 A	1 DRAVE	SS-30	3 SEC	1 SEC	11.0 A	
	5.5KW x 6P	13.5 A	1 DRAVE	SS-30	3 SEC	1 SEC	13.5 A	
	8.5KW x 4P	16.5 A	1 DRAVE	SS-30	3 SEC	1 SEC	16.5 A	

NOTE

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

E.O.C.R 권고 SETTING치

극동하이스트(주)

* POWER SOURCE : AC 3Φ 480V 60Hz

HOIST	MOTOR 용량	MOTOR 정격 전류	DRIVE TYPE	E.O.C.R TYPE	권고 SETTING 치			REMARK
					DELAY TIME	OPERATION TIME	CURRENT	
0.5 TON	1.2KW x 8P	3.6 A	1 DRIVE	SS-06	3 SEC	1 SEC	3.6 A	
	1.5KW x 6P	3.5 A	1 DRIVE	SS-06	3 SEC	1 SEC	3.5 A	
	2.4KW x 4P	4.6 A	1 DRAVE	SS-06	3 SEC	1 SEC	4.6 A	
1 TON	1.2KW x 8P	3.6 A	1 DRIVE	SS-06	3 SEC	1 SEC	3.6 A	
	1.8KW x 6P	3.5 A	1 DRIVE	SS-06	3 SEC	1 SEC	3.5 A	
	2.4KW x 4P	4.6 A	1 DRAVE	SS-06	3 SEC	1 SEC	4.6 A	
2 TON	1.8KW x 8P	5.1 A	1 DRAVE	SS-30	3 SEC	1 SEC	5.1 A	
	2.5KW x 6P	5.3 A	1 DRAVE	SS-30	3 SEC	1 SEC	5.3 A	
	3.7KW x 4P	7.3 A	1 DRAVE	SS-30	3 SEC	1 SEC	7.3 A	
2.8 TON	2.5KW x 8P	7.3 A	1 DRAVE	SS-30	3 SEC	1 SEC	7.3 A	
	5.0KW x 4P	9.6 A	1 DRAVE	SS-30	3 SEC	1 SEC	9.6 A	
	2.8KW x 8P	7.3 A	1 DRAVE	SS-30	3 SEC	1 SEC	7.3 A	
3 TON	5.5KW x 4P	9.6 A	1 DRAVE	SS-30	3 SEC	1 SEC	9.6 A	
	4.2KW x 8P	10.5 A	1 DRAVE	SS-30	3 SEC	1 SEC	10.5 A	
	5.5KW x 6P	12.9 A	1 DRAVE	SS-30	3 SEC	1 SEC	12.9 A	
5 TON	8.5KW x 4P	15.8 A	1 DRAVE	SS-30	3 SEC	1 SEC	15.8 A	
	4.2KW x 8P	10.5 A	1 DRAVE	SS-30	3 SEC	1 SEC	10.5 A	
	5.5KW x 6P	12.9 A	1 DRAVE	SS-30	3 SEC	1 SEC	12.9 A	
7.5 TON	8.5KW x 4P	15.8 A	1 DRAVE	SS-30	3 SEC	1 SEC	15.8 A	

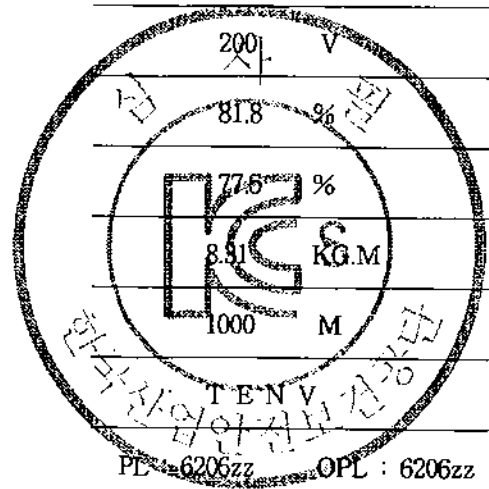
NOTE

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

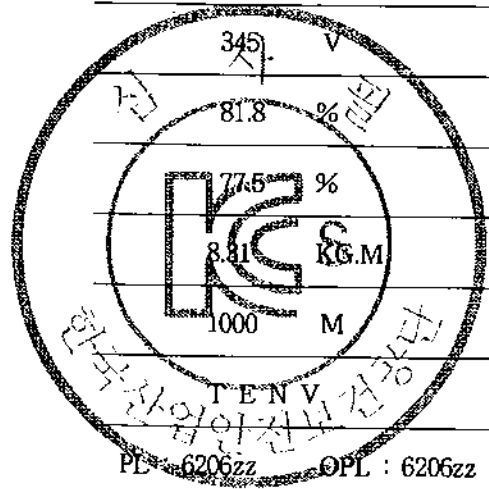
1. SERVICE	HOISTING
2. MANUFACTURE	극동호이스트 (주)
3. FRAME NUMBER	132 S
4. RATED POWER	5.5 KW x 4 P
5. RATED VOLTAGE AND FREQUENCY	220 V 60 Hz
6. MOTOR TYPE	SQUIRREL CAGE ROTOR TYPE
7. SERVICE FACTOR AND RATting	1.0 , 30 MIN
8. LOCATION AND INSULATION CLASS	INDOOR, OUTDOOR, B CLASS
9. DESIGN TRMPERATURE RISE(BY RESISTANCE)	80 ℃
10. FULL LOAD SPEED	1750 RPM
11. FULL LOAD CURRENT	22.8 A
12. LOCKED ROTOR CURRENT	136.6 A
13. MINIMUM STARTING VOLTAGE	200 V
14. EFFICIENCY AT 100% RATED LOAD	81.8 %
15. POWER FACTOR AT 100% RATED LOAD	77.6 %
16. FULL LOAD TORQUE	8.91 KG.M
17. SITE ALTITUDE(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

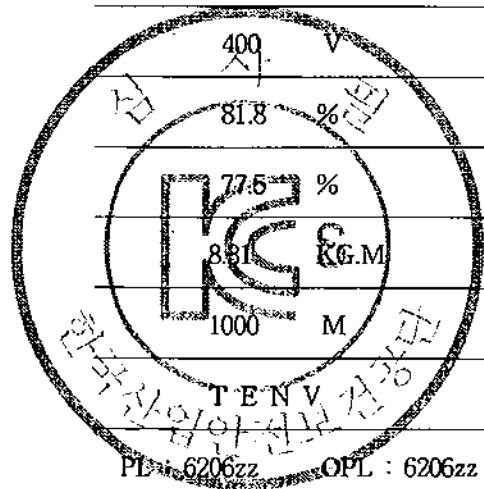
1. SERVICE	HOISTING
2. MANUFACTURE	극동호이스트 (주)
3. FRAME NUMBER	132 S
4. RATED POWER	5.5 KW x 4 P
5. RATED VOLTAGE AND FREQUENCY	380 V 60 Hz
6. MOTOR TYPE	SQUIRREL CAGE ROTOR TYPE
7. SERVICE FACTOR AND RATting	1.0 , 30 MIN
8. LOCATION AND INSULATION CLASS	INDOOR, OUTDOOR, B CLASS
9. DESIGN TRMPERATURE RISE(BY RESISTANCE)	80 ℃
10. FULL LOAD SPEED	1750 RPM
11. FULL LOAD CURRENT	12.2 A
12. LOCKER ROTOR CURRENT	72.9 A
13. MINIMUM STARTING VOLTAGE	345 V
14. EFFICIENCY AT 100% RATED LOAD	81.8 %
15. POWER FACTOR AT 100% RATED LOAD	77.5 %
16. FULL LOAD TORQUE	8.81 KG.M
17. SITE ALTITUDE(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

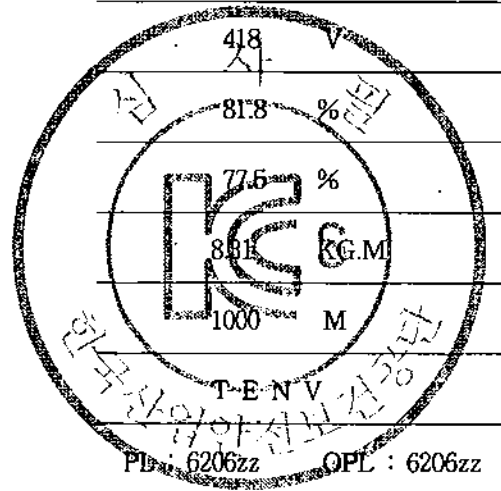
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2. MANUFACTURE	극동호이스트 (주)
3. FRAME NUMBER	132 S
4. RATED POWER	5.5 KW x 4 P
5. RATED VOLTAGE AND FREQUENCY	440 V 60 Hz
6. MOTOR TYPE	SQUIRREL CAGE ROTOR TYPE
7. SERVICE FACTOR AND RATting	1.0 , 30 MIN
8. LOCATION AND INSULATION CLASS	INDOOR, OUTDOOR, 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	81.8 %
15. POWER FACTOR AT 100% RATED LOAD	77.5 %
16. FULL LOAD TORQUE	8.81 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 ℃
22. BEARING LUBRICATION	GREASE
23. STARTING METHOD	FULL VOLTAGE



THREE PHASE INDUCTION MOTOR DATE SHEET

SCHEDULE OF TECHNICAL DATA

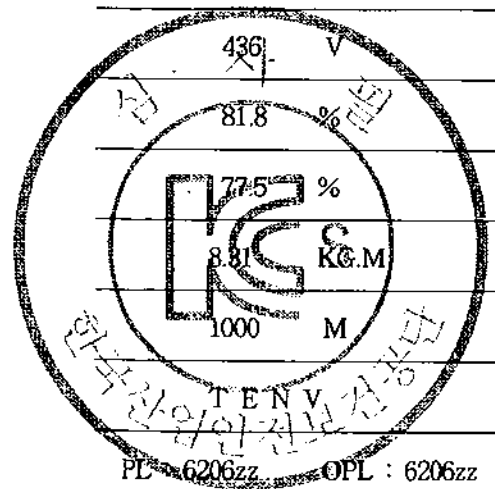
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2. MANUFACTURE	극동호이스트 (주)
3. FRAME NUMBER	132 S
4. RATED POWER	5.5 KW x 4 P
5. RATED VOLTAGE AND FREQUENCY	460 V 60 Hz
6. MOTOR TYPE	SQUIRREL CAGE ROTOR TYPE
7. SERVICE FACTOR AND RATting	1.0 , 30 MIN
8. LOCATION AND INSULATION CLASS	INDOOR, OUTDOOR, 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	81.8 %
15. POWER FACTOR AT 100% RATED LOAD	77.5 %
16. FULL LOAD TORQUE	8.81 KG.M
17. SITE ALTTITUDE(UNDER)	1000 M
18. ENCLOSURE & COOLING METHOD	T-E-N-V
19. TYPE OF BEARING	PD : 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

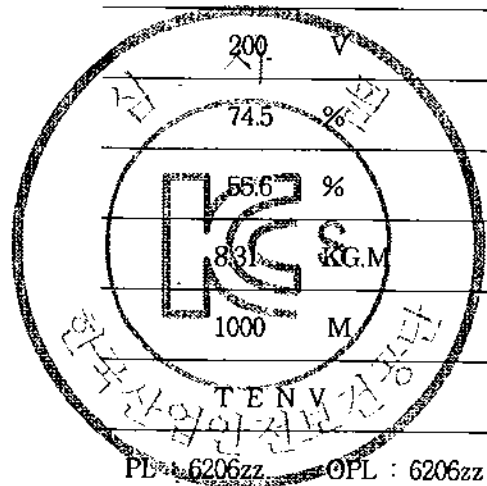
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2. MANUFACTURE	국동호이스트 (주)
3. FRAME NUMBER	132 S
4. RATED POWER	5.5 KW x 4 P
5. RATED VOLTAGE AND FREQUENCY	480 V 60 Hz
6. MOTOR TYPE	SQUIRREL CAGE ROTOR TYPE
7. SERVICE FACTOR AND RATting	1.0 , 30 MIN
8. LOCATION AND INSULATION CLASS	INDOOR, OUTDOOR, 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	81.8 %
15. POWER FACTOR AT 100% RATED LOAD	77.5 %
16. FULL LOAD TORQUE	8.81 K&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

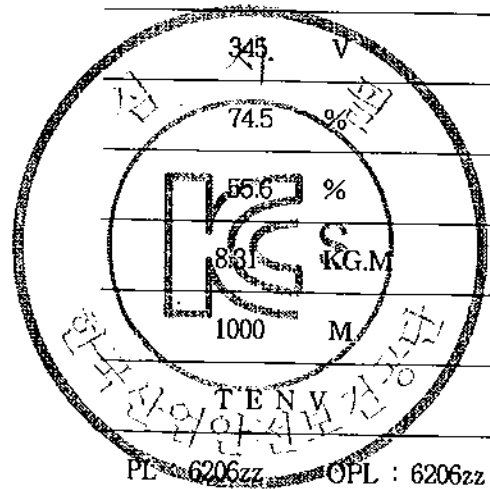
1. SERVICE	HOISTING
2. MANUFACTURE	극동호이스트 (주)
3. FRAME NUMBER	132 S
4. RATED POWER	2.8 KW x 8 P
5. RATED VOLTAGE AND FREQUENCY	220 V 60 Hz
6. MOTOR TYPE	SQUIRREL CAGE ROTOR TYPE
7. SERVICE FACTOR AND RATting	1.0 , 30 MIN
8. LOCATION AND INSULATION CLASS	INDOOR, OUTDOOR, B CLASS
9. DESIGN TRMPERATURE RISE(BY RESISTANCE)	80 ℃
10. FULL LOAD SPEED	860 RPM
11. FULL LOAD CURRENT	17.7 A
12. LOCKED ROTOR CURRENT	92.9 A
13. MINIMUM STARTING VOLTAGE	200 V
14. EFFICIENCY AT 100% RATED LOAD	74.5 %
15. POWER FACTOR AT 100% RATED LOAD	55.6 %
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

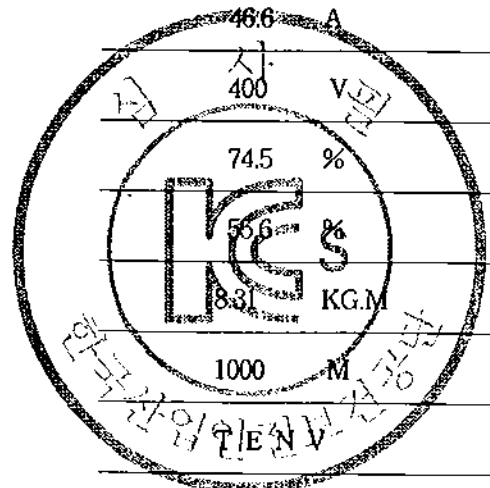
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2. MANUFACTURE	극동호이스트 (주)
3. FRAME NUMBER	132 S
4. RATED POWER	2.8 KW x 8 P
5. RATED VOLTAGE AND FREQUENCY	380 V 60 Hz
6. MOTOR TYPE	SQUIRREL CAGE ROTOR TYPE
7. SERVICE FACTOR AND RATting	1.0 , 30 MIN
8. LOCATION AND INSULATION CLASS	INDOOR, OUTDOOR, B CLASS
9. DESIGN TRMPERATURE RISE(BY RESISTANCE)	80 ℃
10. FULL LOAD SPEED	860 RPM
11. FULL LOAD CURRENT	10.3 A
12. LOCKED ROTOR CURRENT	53.9 A
13. MINIMUM STARTING VOLTAGE	345 V
14. EFFICIENCY AT 100% RATED LOAD	74.5 %
15. POWER FACTOR AT 100% RATED LOAD	55.6 %
16. FULL LOAD TORQUE	831 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

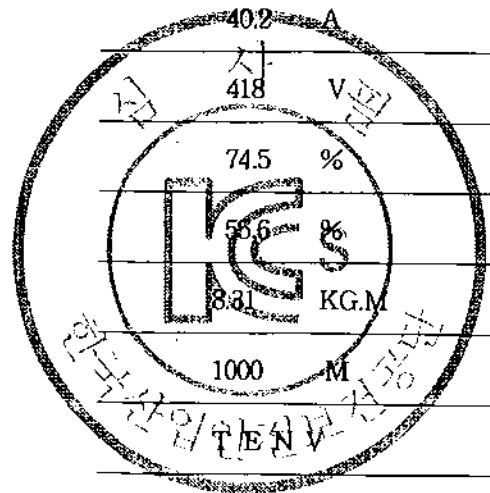
1. SERVICE	HOISTING
2. MANUFACTURE	극동호이스트 (주)
3. FRAME NUMBER	132 S
4. RATED POWER	2.8 KW x 8 P
5. RATED VOLTAGE AND FREQUENCY	440 V 60 Hz
6. MOTOR TYPE	SQUIRREL CAGE ROTOR TYPE
7. SERVICE FACTOR AND RATting	1.0 , 30 MIN
8. LOCATION AND INSULATION CLASS	INDOOR, OUTDOOR, B CLASS
9. DESIGN TRMPERATURE RISE(BY RESISTANCE)	80 ℃
10. FULL LOAD SPEED	860 RPM
11. FULL LOAD CURRENT	8.9 A
12. LOCKED ROTOR CURRENT	46.6 A
13. MINIMUM STARTING VOLTAGE	400 V
14. EFFICIENCY AT 100% RATED LOAD	74.5 %
15. POWER FACTOR AT 100% RATED LOAD	56.6 %
16. FULL LOAD TORQUE	8.31 KG.M
17. SITE ALTITUDE(UNDER)	1000 M
18. ENCLOSURE & COOLING METHOD	TEN V-2222
19. TYPE OF BEARING	PL : 6206zz OPL : 6206zz
20. MOUNTING	HORIZONTAL
21. MAXIMUM AMBIENT TEMPURE	2011-11-03 14:06:46
22. BEARING LUBRICATION	GREASE
23. STARTING METHOD	FULL VOLTAGE



THREE PHASE INDUCTION MOTOR DATE SHEET

SCHEDULE OF TECHNICAL DATA

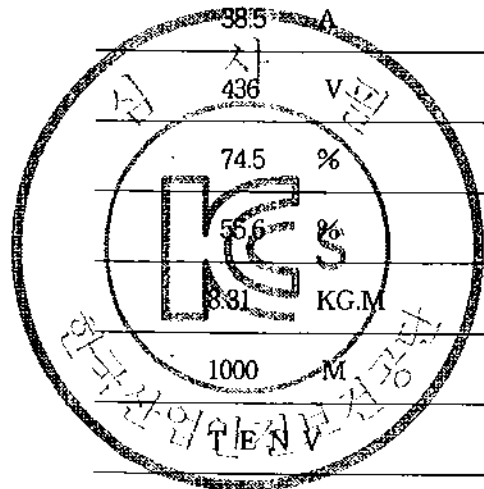
1. SERVICE	HOISTING
2. MANUFACTURE	국동호이스트 (주)
3. FRAME NUMBER	132 S
4. RATED POWER	2.8 KW x 8 P
5. RATED VOLTAGE AND FREQUENCY	460 V 60 Hz
6. MOTOR TYPE	SQUIRREL CAGE ROTOR TYPE
7. SERVICE FACTOR AND RATTING	1.0 , 30 MIN
8. LOCATION AND INSULATION CLASS	INDOOR, OUTDOOR, B CLASS
9. DESIGN TRMPERATURE RISE(BY RESISTANCE)	80 ℃
10. FULL LOAD SPEED	860 RPM
11. FULL LOAD CURRENT	7.7 A
12. LOCKED ROTOR CURRENT	40.2 A
13. MINIMUM STARTING VOLTAGE	418 V
14. EFFICIENCY AT 100% RATED LOAD	74.5 %
15. POWER FACTOR AT 100% RATED LOAD	55.6 %
16. FULL LOAD TORQUE	8.81 KG.M
17. SITE ALTTITUDE(UNDER)	1000 M
18. ENCLOSURE & COOLING METHOD	
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

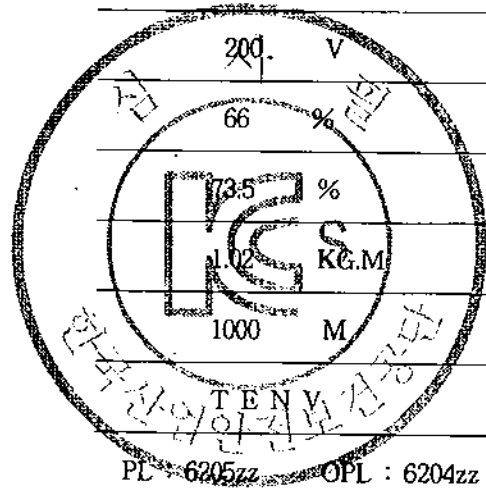
1. SERVICE	HOISTING
2. MANUFACTURE	극동호이스트 (주)
3. FRAME NUMBER	132 S
4. RATED POWER	2.8 KW x 8 P
5. RATED VOLTAGE AND FREQUENCY	480 V 60 Hz
6. MOTOR TYPE	SQUIRREL CAGE ROTOR TYPE
7. SERVICE FACTOR AND RATting	1.0 , 30 MIN
8. LOCATION AND INSULATION CLASS	INDOOR, OUTDOOR, B CLASS
9. DESIGN TRMPERATURE RISE(BY RESISTANCE)	80 °C
10. FULL LOAD SPEED	860 RPM
11. FULL LOAD CURRENT	7.3 A
12. LOCKED ROTOR CURRENT	38.5 A
13. MINIMUM STARTING VOLTAGE	436 V
14. EFFICIENCY AT 100% RATED LOAD	74.5 %
15. POWER FACTOR AT 100% RATED LOAD	55.6 %
16. FULL LOAD TORQUE	8.81 KGM
17. SITE ALTITUDE(UNDER)	1000 M
18. ENCLOSURE & COOLING METHOD	
19. TYPE OF BEARING	PL : 6206zz OPL : 6206zz
20. MOUNTING	HORIZONTAL
21. MAXIMUM AMBIENT TEMPURE	2011-11-03 14:06:46 40.00 °C
22. BEARING LUBRICATION	GREASE
23. STARTING METHOD	FULL VOLTAGE



THREE PHASE INDUCTION MOTOR DATE SHEET

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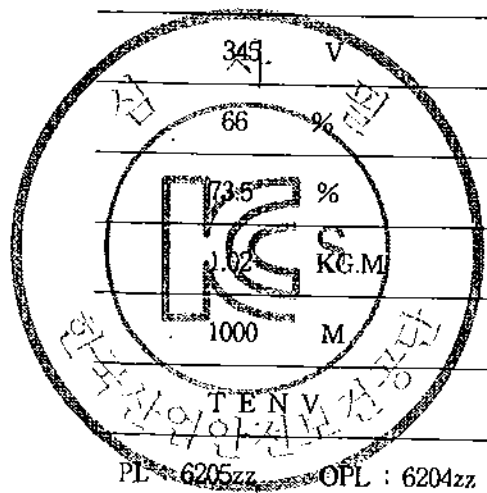
1. SERVICE	TRAVERSING
2. MANUFACTURE	극동호이스트 (주)
3. FRAME NUMBER	90 S
4. RATED POWER	0.75 KW x 4 P
5. RATED VOLTAGE AND FREQUENCY	220 V 60 Hz
6. MOTOR TYPE	SQUIRREL CAGE ROTOR TYPE
7. SERVICE FACTOR AND RATting	1.0 , 30 MIN
8. LOCATION AND INSULATION CLASS	INDOOR, OUTDOOR, B CLASS
9. DESIGN TRMPERATURE 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 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



THREE PHASE INDUCTION MOTOR DATE SHEET

SCHEDULE OF TECHNICAL DATA

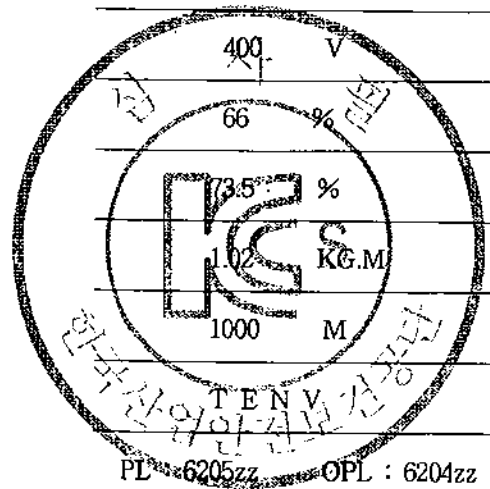
1. SERVICE	TRAVERSING
2. MANUFACTURE	극동호이스트 (주)
3. FRAME NUMBER	90 S
4. RATED POWER	0.75 KW x 4 P
5. RATED VOLTAGE AND FREQUENCY	380 V 60 Hz
6. MOTOR TYPE	SQUIRREL CAGE ROTOR TYPE
7. SERVICE FACTOR AND RATting	1.0 , 30 MIN
8. LOCATION AND INSULATION CLASS	INDOOR, OUTDOOR, B CLASS
9. DESIGN TRMPERATURE 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	0.02 KG.M
17. SITE ALTITUDE(UNDER)	1000 M
18. ENCLOSURE & COOLING METHOD	TEN V
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	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

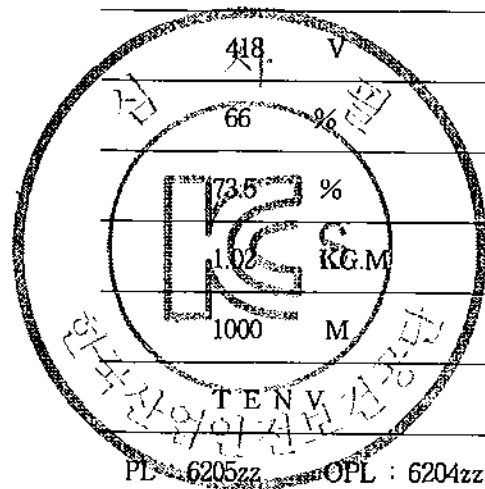


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THREE PHASE INDUCTION MOTOR DATE SHEET

SCHEDULE OF TECHNICAL DATA

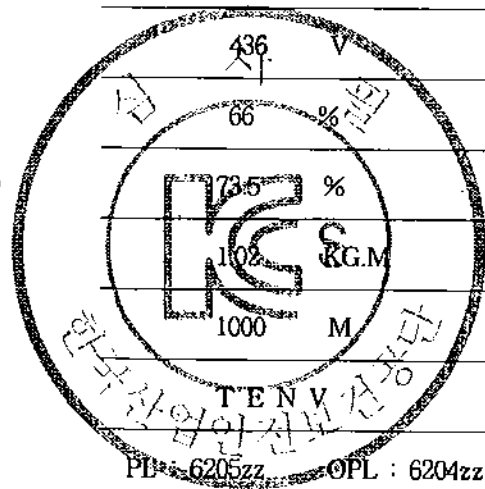
1. SERVICE	TRAVERSING
2. MANUFACTURE	극동호이스트 (주)
3. FRAME NUMBER	90 S
4. RATED POWER	0.75 KW x 4 P
5. RATED VOLTAGE AND FREQUENCY	460 V 60 Hz
6. MOTOR TYPE	SQUIRREL CAGE ROTOR TYPE
7. SERVICE FACTOR AND RATting	1.0 , 30 MIN
8. LOCATION AND INSULATION CLASS	INDOOR, OUTDOOR, B CLASS
9. DESIGN TRMPERATURE 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	국동호이스트 (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 °C
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	102 KG.M
17. SITE ALTITUDE(UNDER)	1000 M
18. ENCLOSURE & COOLING METHOD	TENV
19. TYPE OF BEARING	PI-6205zz OPL : 6204zz
20. MOUNTING	HORIZONTAL
21. MAXIMUM AMBIENT TEMPURE	40 °C
22. BEARING LUBRICATION	GREASE
23. STARTING METHOD	FULL VOLTAGE

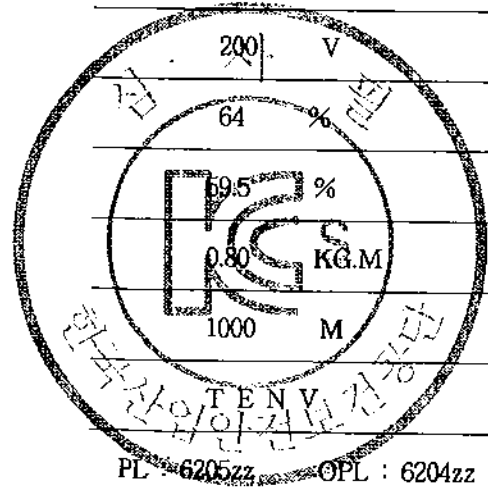


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THREE PHASE INDUCTION MOTOR DATE SHEET

SCHEDULE OF TECHNICAL DATA

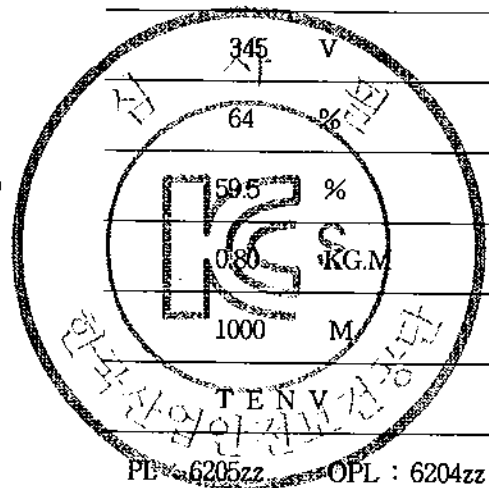
1. SERVICE	TRAVERSING
2. MANUFACTURE	극동호이스트 (주)
3. FRAME NUMBER	90 S
4. RATED POWER	0.5 KW x 6 P
5. RATED VOLTAGE AND FREQUENCY	220 V 60 Hz
6. MOTOR TYPE	SQUIRREL CAGE ROTOR TYPE
7. SERVICE FACTOR AND RATting	1.0 , 30 MIN
8. LOCATION AND INSULATION CLASS	INDOOR, OUTDOOR, B CLASS
9. DESIGN TRMPERATURE 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	69.5 %
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

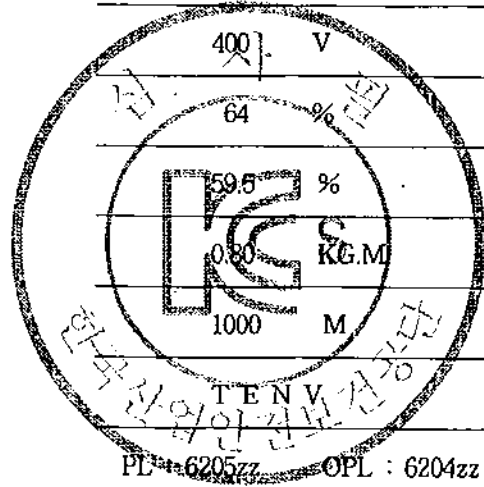
1. SERVICE	TRAVERSING
2. MANUFACTURE	극동호이스트 (주)
3. FRAME NUMBER	90 S
4. RATED POWER	0.5 KW x 6 P
5. RATED VOLTAGE AND FREQUENCY	380 V 60 Hz
6. MOTOR TYPE	SQUIRREL CAGE ROTOR TYPE
7. SERVICE FACTOR AND RATting	1.0 , 30 MIN
8. LOCATION AND INSULATION CLASS	INDOOR, OUTDOOR, B CLASS
9. DESIGN TRMPERATURE 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 K.G.M
17. SITE ALTITUDE(UNDER)	1000 M
18. ENCLOSURE & COOLING METHOD	TENV
19. TYPE OF BEARING	PE 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

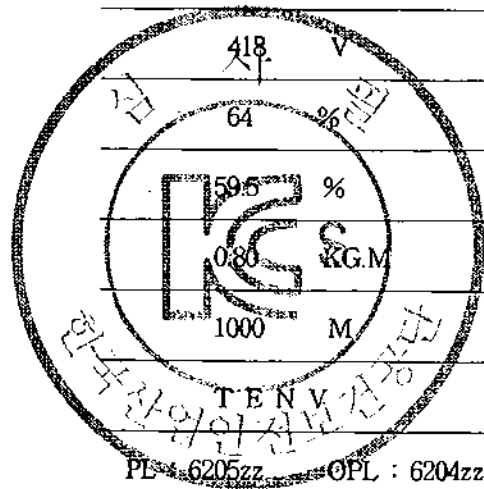
1. SERVICE	TRAVERSING
2. MANUFACTURE	극동호이스트 (주)
3. FRAME NUMBER	90 S
4. RATED POWER	0.5 KW x 6 P
5. RATED VOLTAGE AND FREQUENCY	440 V 60 Hz
6. MOTOR TYPE	SQUIRREL CAGE ROTOR TYPE
7. SERVICE FACTOR AND RATting	1.0 , 30 MIN
8. LOCATION AND INSULATION CLASS	INDOOR, OUTDOOR, B CLASS
9. DESIGN TRMPERATURE 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	64 %
15. POWER FACTOR AT 100% RATED LOAD	59.5 %
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

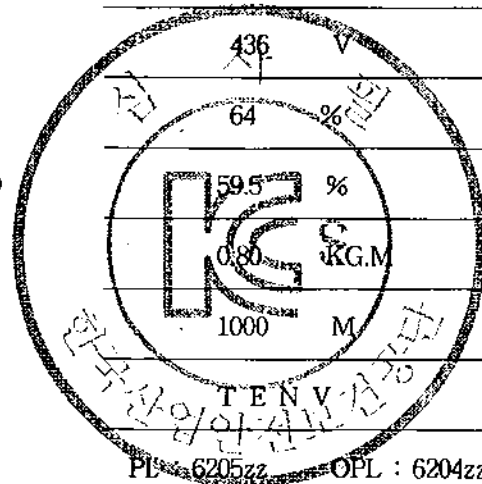
1. SERVICE	TRAVERSING
2. MANUFACTURE	극동호이스트 (주)
3. FRAME NUMBER	90 S
4. RATED POWER	0.5 KW x 6 P
5. RATED VOLTAGE AND FREQUENCY	460 V 60 Hz
6. MOTOR TYPE	SQUIRREL CAGE ROTOR TYPE
7. SERVICE FACTOR AND RATting	1.0 , 30 MIN
8. LOCATION AND INSULATION CLASS	INDOOR, OUTDOOR, B CLASS
9. DESIGN TRMPERATURE 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

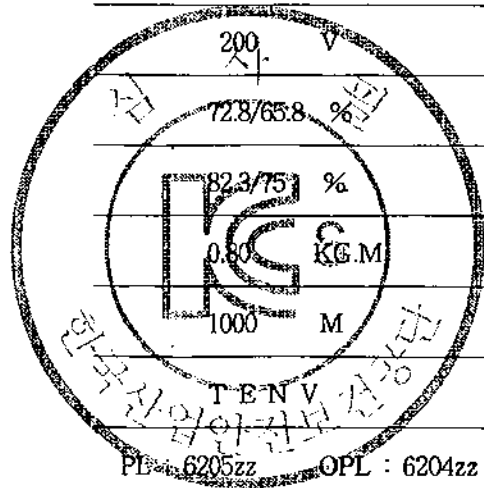
1. SERVICE	TRAVERSING
2. MANUFACTURE	국동호이스트 (주)
3. FRAME NUMBER	90 S
4. RATED POWER	0.5 KW x 6 P
5. RATED VOLTAGE AND FREQUENCY	480 V 60 Hz
6. MOTOR TYPE	SQUIRREL CAGE ROTOR TYPE
7. SERVICE FACTOR AND RATting	1.0 , 30 MIN
8. LOCATION AND INSULATION CLASS	INDOOR, OUTDOOR, B CLASS
9. DESIGN TRMPERATURE 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 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	극동하이스트 (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	82.3/75 %
16. FULL LOAD TORQUE	0.80 K.G.M
17. SITE ALTITUDE(UNDER)	1000 M
18. ENCLOSURE & COOLING METHOD	TENV
19. TYPE OF BEARING	PE-6205zz OPL : 6204zz
20. MOUNTING	HORIZONTAL
21. MAXIMUM AMBIENT TEMPURE	40 ℃
22. BEARING LUBRICATION	GREASE
23. STARTING METHOD	FULL VOLTAGE



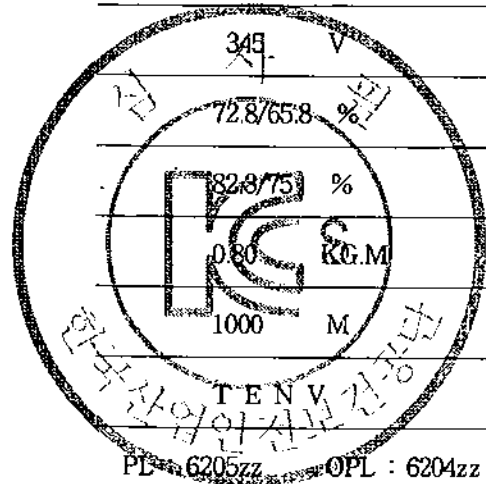
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THREE PHASE INDUCTION MOTOR DATE SHEET

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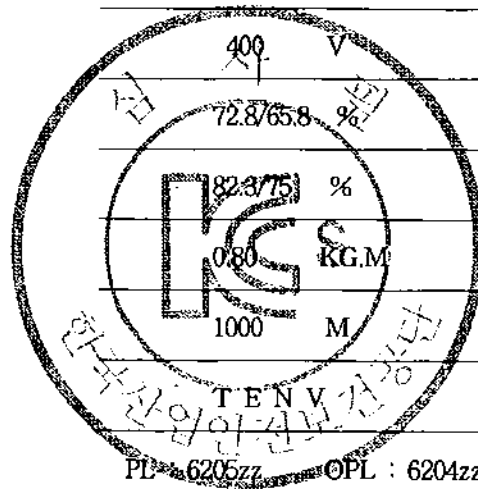
1. SERVICE	TRAVERSING
2. MANUFACTURE	극동호이스트 (주)
3. FRAME NUMBER	90 M
4. RATED POWER	0.8/0.4 KW x 4/8 P
5. RATED VOLTAGE AND FREQUENCY	380 V 60 Hz
6. MOTOR TYPE	SQUIRREL CAGE ROTOR TYPE
7. SERVICE FACTOR AND RATting	1.0 , 30 MIN
8. LOCATION AND INSULATION CLASS	INDOOR, OUTDOOR, B CLASS
9. DESIGN TRMPERATURE 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	82.8/75 %
16. FULL LOAD TORQUE	0.80 K.G.M
17. SITE ALTTITUDE(UNDER)	1000 M
18. ENCLOSURE & COOLING METHOD	TENV
19. TYPE OF BEARING	PE-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

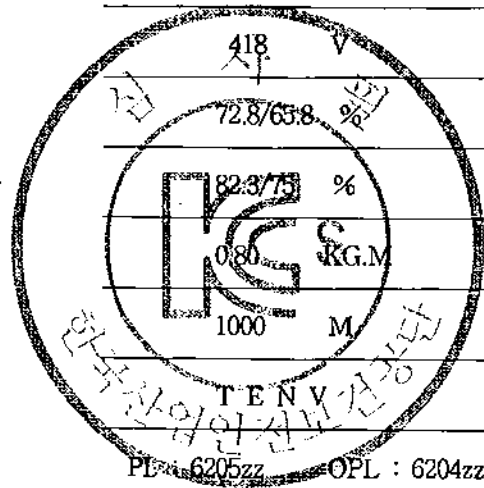
1. SERVICE	TRAVERSING
2. MANUFACTURE	극동호이스트 (주)
3. FRAME NUMBER	90 M
4. RATED POWER	0.8/0.4 KW x 4/8 P
5. RATED VOLTAGE AND FREQUENCY	440 V 60 Hz
6. MOTOR TYPE	SQUIRREL CAGE ROTOR TYPE
7. SERVICE FACTOR AND RATting	1.0 , 30 MIN
8. LOCATION AND INSULATION CLASS	INDOOR, OUTDOOR, B CLASS
9. DESIGN TRMPERATURE 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	
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	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	72.8/63.8 %
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

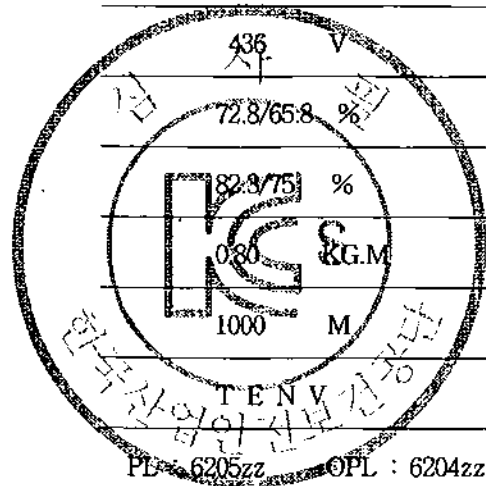


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THREE PHASE INDUCTION MOTOR DATE SHEET

SCHEDULE OF TECHNICAL DATA

1. SERVICE	TRAVERSING
2. MANUFACTURE	극동호이스트 (주)
3. FRAME NUMBER	90 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	82.3/75 %
16. FULL LOAD TORQUE	0.80 & 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



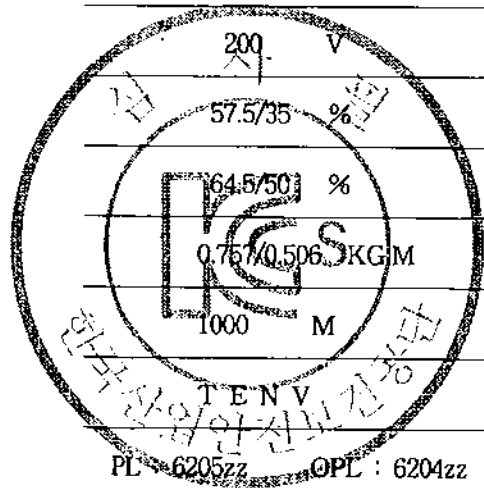
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THREE PHASE INDUCTION MOTOR DATE SHEET

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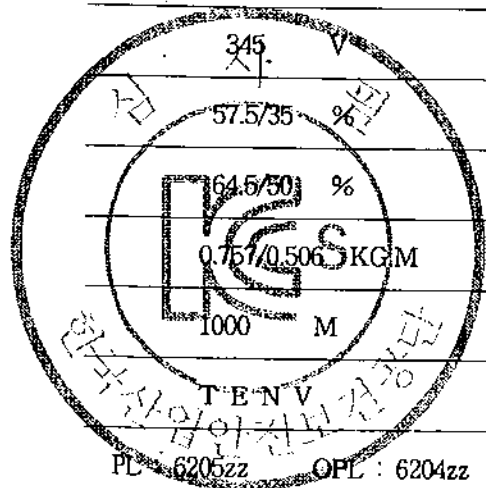
1. SERVICE	TRAVERSING
2. MANUFACTURE	극동호이스트 (주)
3. FRAME NUMBER	90 L
4. RATED POWER	0.5/025 KW x 6/12 P
5. RATED VOLTAGE AND FREQUENCY	220 V 60 Hz
6. MOTOR TYPE	SQUIRREL CAGE ROTOR TYPE
7. SERVICE FACTOR AND RATting	1.0 , 30 MIN
8. LOCATION AND INSULATION CLASS	INDOOR, OUTDOOR, B CLASS
9. DESIGN TRMPERATURE 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	57.5/35 %
15. POWER FACTOR AT 100% RATED LOAD	64.5/50 %
16. STARTING TORQUE	0.75/0.506 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

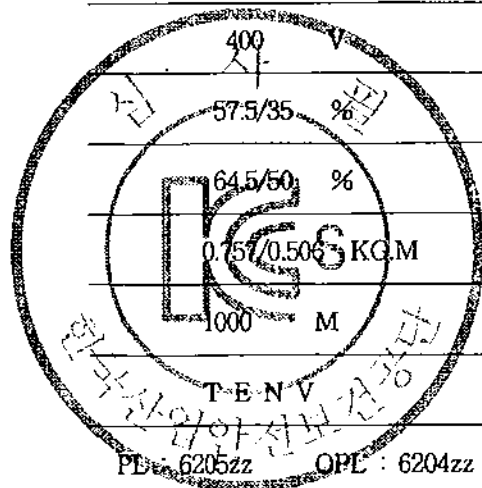
1. SERVICE	TRAVERSING
2. MANUFACTURE	국동호이스트 (주)
3. FRAME NUMBER	90 L
4. RATED POWER	0.5/0.25 KW x 6/12 P
5. RATED VOLTAGE AND FREQUENCY	380 V 60 Hz
6. MOTOR TYPE	SQUIRREL CAGE ROTOR TYPE
7. SERVICE FACTOR AND RATTING	1.0 , 30 MIN
8. LOCATION AND INSULATION CLASS	INDOOR, OUTDOOR, B CLASS
9. DESIGN TRMPERATURE 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 SKGM
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

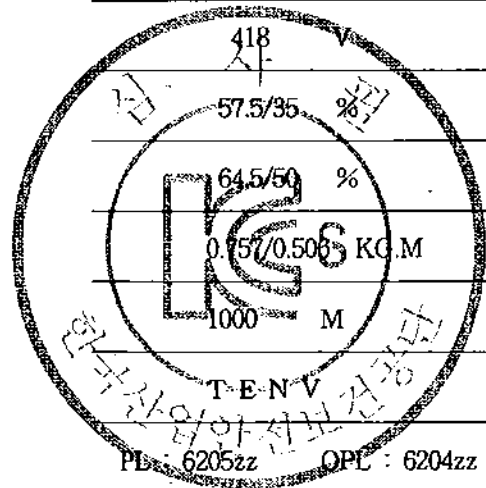
1. SERVICE	TRAVERSING
2. MANUFACTURE	극동호이스트 (주)
3. FRAME NUMBER	90 L
4. RATED POWER	0.5/0.25 KW x 6/12 P
5. RATED VOLTAGE AND FREQUENCY	440 V 60 Hz
6. MOTOR TYPE	SQUIRREL CAGE ROTOR TYPE
7. SERVICE FACTOR AND RATting	1.0 , 30 MIN
8. LOCATION AND INSULATION CLASS	INDOOR, OUTDOOR, B CLASS
9. DESIGN TRMPERATURE 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 KG.M
17. SITE ALTITUDE(UNDER)	1000 M
18. ENCLOSURE & COOLING METHOD	T-E-N-V
19. TYPE OF BEARING	PD : 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

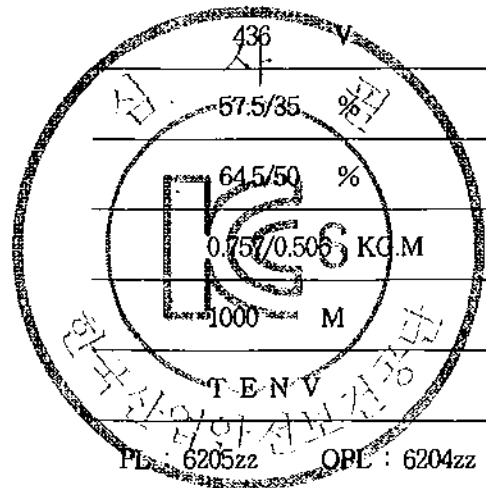
1. SERVICE	TRAVERSING
2. MANUFACTURE	극동호이스트 (주)
3. FRAME NUMBER	90 L
4. RATED POWER	0.5/025 KW x 6/12 P
5. RATED VOLTAGE AND FREQUENCY	460 V 60 Hz
6. MOTOR TYPE	SQUIRREL CAGE ROTOR TYPE
7. SERVICE FACTOR AND RATting	1.0 , 30 MIN
8. LOCATION AND INSULATION CLASS	INDOOR, OUTDOOR, B CLASS
9. DESIGN TRMPERATURE 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	57.5/35 %
15. POWER FACTOR AT 100% RATED LOAD	64.5/50 %
16. STARTING TORQUE	0.75/0.508 KG.M
17. SITE ALTITUDE(UNDER)	1000 M
18. ENCLOSURE & COOLING METHOD	T-E-N-V
19. TYPE OF BEARING	PD : 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 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	0.75/0.506 KGM
17. SITE ALTITUDE(UNDER)	1000 M
18. ENCLOSURE & COOLING METHOD	TENV
19. TYPE OF BEARING	PD : 6205zz OPE : 6204zz
20. MOUNTING	HORIZONTAL
21. MAXIMUM AMBIENT TEMPURE	40 ℃
22. BEARING LUBRICATION	GREASE
23. STARTING METHOD	FULL VOLTAGE



ORIGINAL



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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

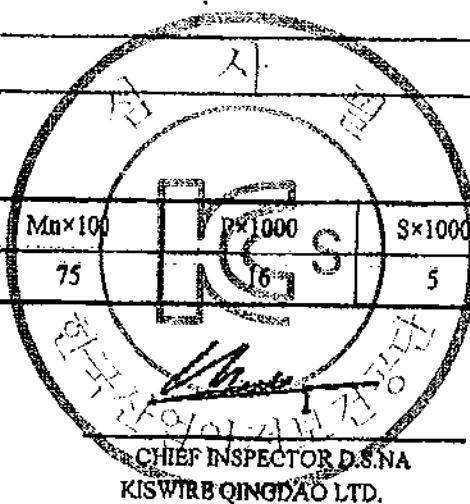
ROPE LAY RHRL LAY LENGTH 58.2 mm

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



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