



제 2012 - 16567 호

안 전 인 증 서

(사업장명)

극동호이스트(주)

(소재지) (425-833)경기도 안산시 성곡동 630-2 반월공단 B-607-14

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 _____
KDC10/5-MA (10/5Ton) / 12-AQ2AC-01641

_____ 인 증 기 준 _____
고용노동부 고시 제2011 - 39호 (위험기계,기구 의무안전인증 고시)

_____ 인 증 조 건 _____

2012년 05월 08일

한국산업안전보건공단이사장





심사결과 통지서

신청인	사업장명	극동호이스트(주)	사업장관리번호	134-81-013350
	사업자등록번호	134-81-01335	대표자 성명	최성찬
	소재지	(425 - 833) 경기도 안산시 성곡동 630-2 반월공단 B-607-14		
안전인증대상 기계·기구명				
호이스트				
형식 (규격)		KDC10/5-MA (123DN1KC007)	용량 (등급)	10/5 Ton

산업안전보건법 제 34조 및 같은 법 시행규칙 제58조의4에 따라 실시한

☐ 예비심사

☐ 서면심사

☐ 기술능력 및 생산체계 심사

☐ 개별 제품심사

☐ 개별 제품심사(제작중)

☒ 형식별 제품심사

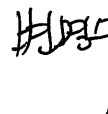
결과가 ☒ 적 합
☐ 부적합

함을 통지합니다.

2012년 05월 08일

인증심사원

변명수

 (서명 또는 인)

한국산업안전보건공단 경기서부지도원장





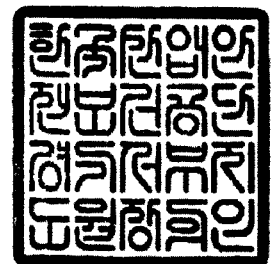
심사결과통지서

신청인	사업장명	극동호이스트(주)	사업장관리번호 (사업자등록번호)	134-81-013350 134-81-01335
	소재지	(425 - 833) 경기도 안산시 성곡동630-2 반월공단 B-607-14		
	대표자 성명	최성찬		
안전인증대상 기계·기구명		호이스트		
형식(규격)		KDC10/5-MA	용량(등급)	10/5 Ton
인증심사원		김홍태 변명수 		

산업안전보건법 제 34조 및 같은 법 시행규칙 제58조의4에 따라 실시한 서면심사
결과가 적합함을 통지합니다.

2011 년 03 월 08 일

한국산업안전보건공단 경기서부지도원장



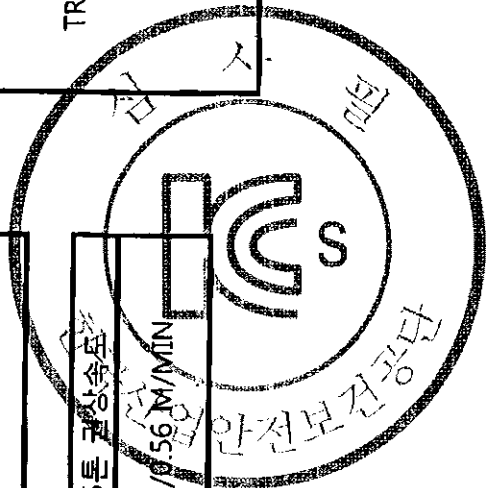
동 일 형 식 일 략 표

사업장명		구동호이스트(위)		개정일자 및 번호		인증번호		비 고
형식 및 모델		동일 형식 인정범위 및 내역						
형식	모델	권상속도(m/min)	회행속도(m/min)	양정(m)	회행방식			회행 MOTOR 1EA
KDC10/5-MA	KDC10/5-L12-MA	하기 참조	하기참조	12	모터구동식			회행 MOTOR 1EA
	KDC10/5-L18-MA			18				회행 MOTOR 1EA
	KDC10/5-L24-MA			24				회행 MOTOR 1EA
	KDC10/5-L30-MA			30				회행 MOTOR 2EA

TRAVERSING	HIGH	SPEED MOTOR	15 M/MIN 0.75 KW X4p
	LOW	SPEED MOTOR	10 M/MIN 0.5 KW x 6P
	DUAL HIGH	SPEED MOTOR	15/7.5 M/MIN 0.8/0.4 KW x 4P
	DUAL LOW	SPEED MOTOR	10/5 M/MIN 0.5/0.25 x6/12P

* 10톤 권상속도
4.5/0.45 M/MIN

* 5톤 권상속도
5.6/0.56 M/MIN



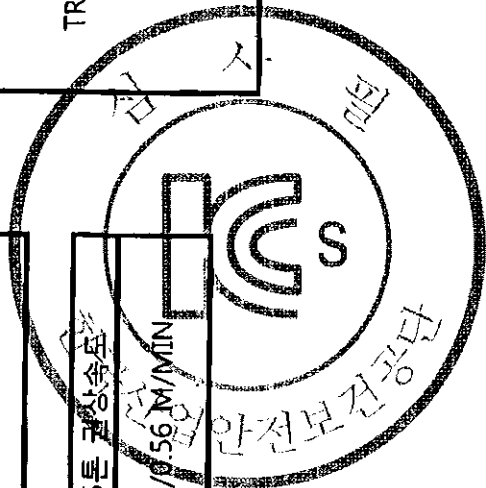
동 일 형 식 일 랑 표

사업장명		구동호이스트(위)		개정일자 및 번호		인증번호	
형식 및 모델		동일 형식 인정범위 및 내역					
형식	모델	권상속도(m/min)	회행속도(m/min)	양정(m)	회행방식		
KDC10/5-MA	KDC10/5-L12-MA	하기 참조	하기참조	12	모터구동식	회행 MOTOR 1EA	
	KDC10/5-L18-MA			18		회행 MOTOR 1EA	
	KDC10/5-L24-MA			24		회행 MOTOR 1EA	
	KDC10/5-L30-MA			30		회행 MOTOR 2EA	
						비 고	

TRAVERSING	HIGH	SPEED MOTOR	15 M/MIN 0.75 KW X4p
	LOW	SPEED MOTOR	10 M/MIN 0.5 KW x 6P
	DUAL HIGH	SPEED MOTOR	15/7.5 M/MIN 0.8/0.4 KW x 4P
	DUAL LOW	SPEED MOTOR	10/5 M/MIN 0.5/0.25 x6/12P

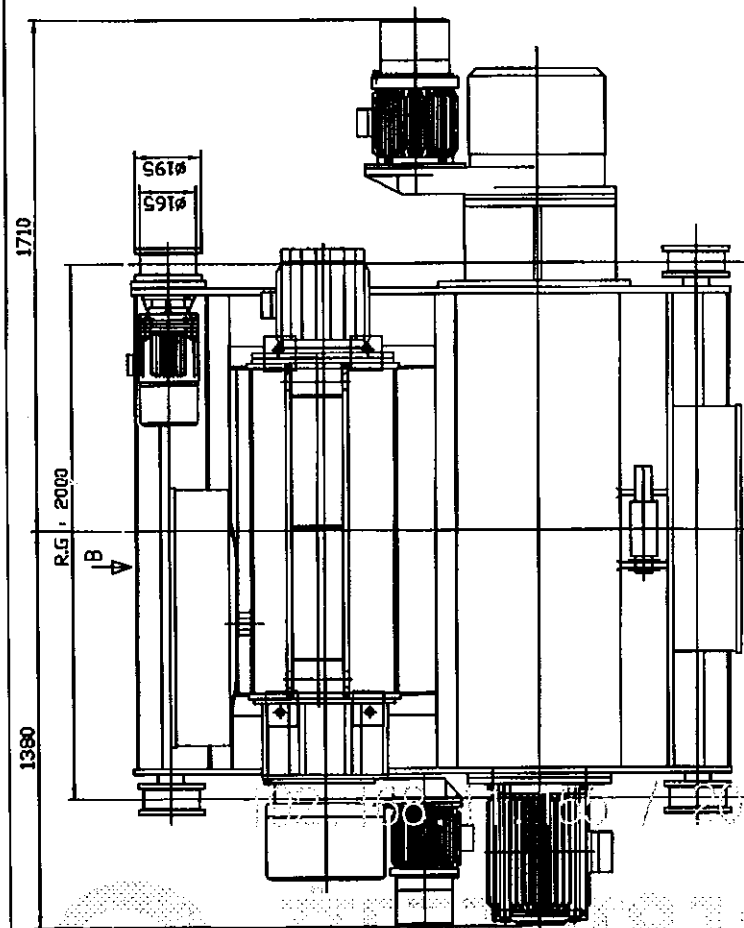
* 10톤 권상속도
4.5/0.45 M/MIN

* 5톤 권상속도
5.6/0.56 M/MIN



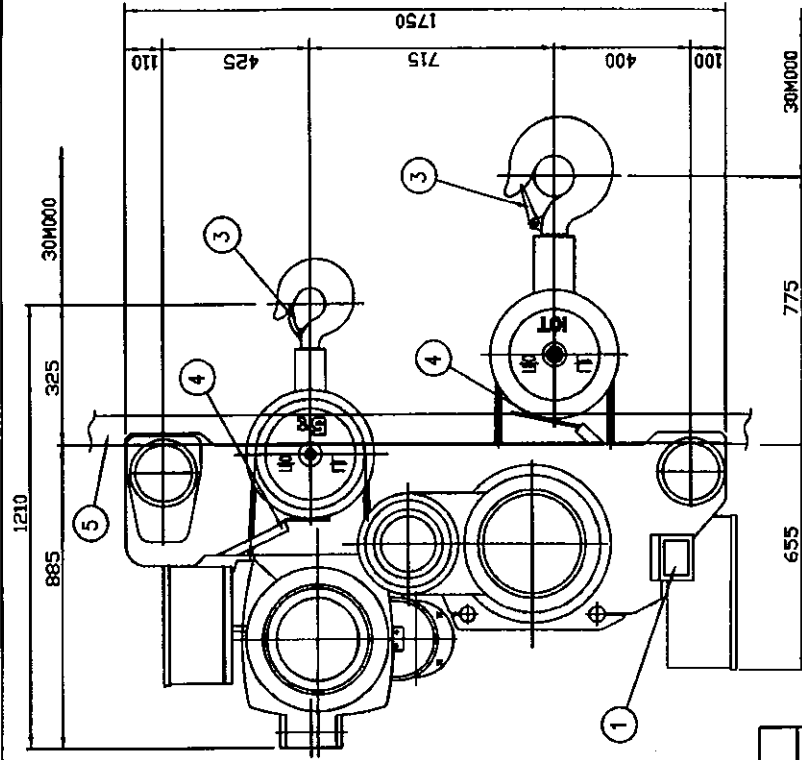
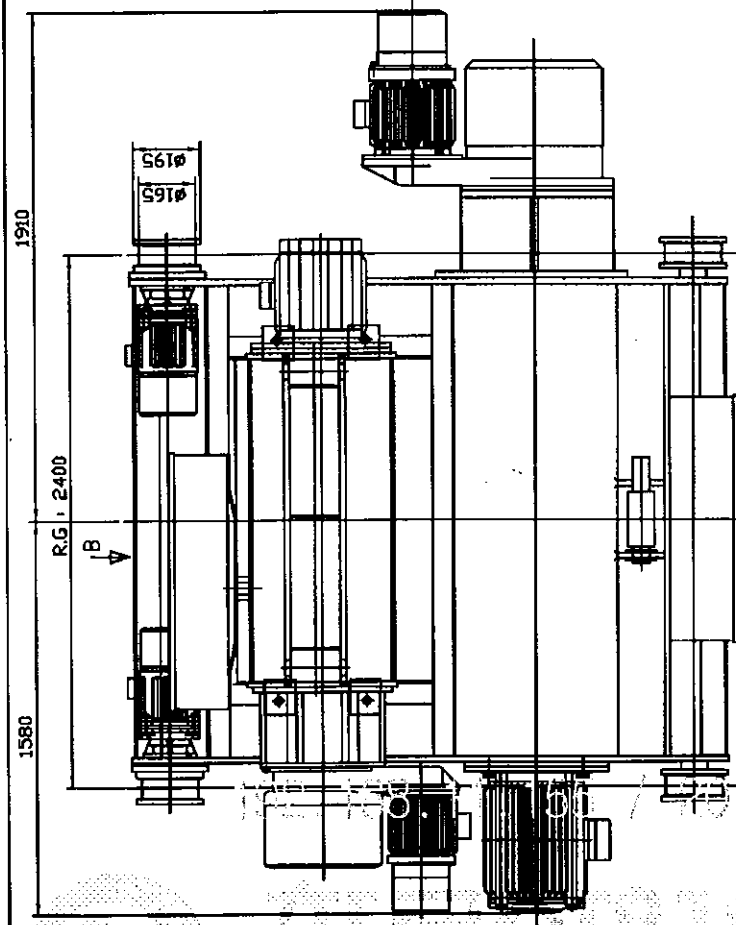


SPECIFICATION				
HOISTING LOAD	10000 KG	5000 KG		
	12500 KG	8250 KG		
TEST LOAD	24 M			
HOISTING	SPEED	4.5 / 0.45 M/MIN	5.6 / 0.56 M/MIN	
	MOTOR	9 / 1.1KW x 8P	5.5 / 1.0KW x 6P	
TRAVERSING	SPEED	15 M/MIN		
	MOTOR	0.75KW x 4P		
TRAVERSING	SPEED	10 M/MIN		
	MOTOR	0.5KW x 6P		
TRAVERSING	SPEED	15 / 7.5 M/MIN		
	MOTOR	0.8 / 0.4KW x 4 / 8P		
TRAVERSING	SPEED	10 / 5 M/MIN		
	MOTOR	0.5 / 0.25KW x 6 / 12P		
WIRE ROPE	(6x37) ø16x4FALLS		ø16 x 2FALLS	
POWER SOURCE	AC ø3 220V(380,440,460,480)V 60Hz			
TRAVERSING RAIL	15 KG/M			
GROSS WEIGHT	2420 KG			

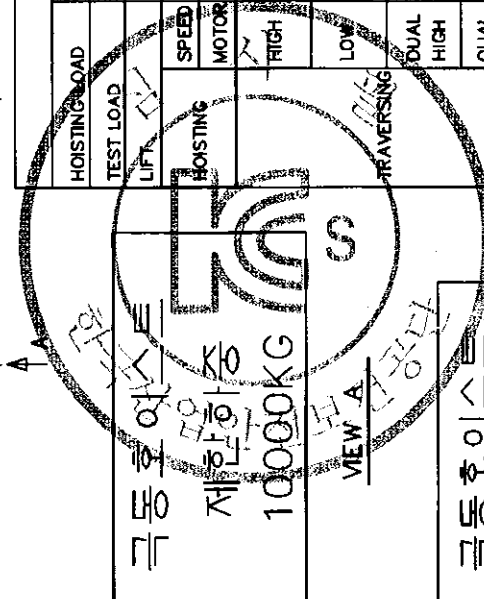
[illegible]

구동호이스트
제한하중
5000KG

VIEW B



SPECIFICATION			
HOISTING LOAD	10000 KG	5000 KG	
TEST LOAD	12500 KG	6250 KG	
LIFT	30 M		
HOISTING SPEED	4.5 / 0.45 M/MIN	5.6 / 0.56 M/MIN	
MOTOR	9 / 1.1KW x 8P	5.5 / 1.0KW x 6P	
TRAVERSING SPEED	15 M/MIN		
MOTOR	0.75KW x 4P (2JUNITS)		
TRAVERSING SPEED	10 M/MIN		
MOTOR	0.5KW x 6P (2JUNITS)		
TRAVERSING SPEED	15 / 7.5 M/MIN		
MOTOR	0.8 / 0.4KW x 4 / 8P (2JUNITS)		
TRAVERSING SPEED	10 / 5 M/MIN		
MOTOR	0.5 / 0.25KW x 6 / 12P (2JUNITS)		
WIRE ROPE	(6x37) #16x4FALLS	#16 x 2FALLS	
POWER SOURCE	AC #3 220V(380,440,460,480)V 60Hz		
TRAVERSING RAIL	15 KG/M		
GROSS WEIGHT	2650 KG		



국동호이스트
제한하중
5000KG

VIEW B

NO.	DESCRIPTION	MTL	SUB	QTY	SUB	TOTAL	WEIGHT(kg)	REMARKS.
5	T/S RAIL	-	-	-	-	-	-	
4	UPPER LIMIT S/W	SS400	2					
3	SAFETY LATCH	SS400	2					
2	EMERGENCY S/W	-	1					
1	LOAD LIMITER	-	2					
PROJECT								
TITLE								
DRAWN								
DESIGNED								
CHECKED								
APPROVED								
REF. DRAWING								
DATE								
DIM								
SCALE								
PROJECTION								
ARRANGMENT DRAWING FOR HOIST								
A3/1								
3-d								
KDC10/5 - L30 - MA								
SHEET No.								
DWG No.								
KDC1053000								

국동호이스트 주식회사
KUK DONG HOIST CO., LTD.



192.168.11.155 / 2011-03-10 10:25:10

192.168.11.155 / 2011-03-10 10:25:10

KIDS MOO!

192.168.11.155 / 2011-03-10 10:25:10

2005M0002

BUZZER

AMMETER

VOLT METER

FLUORESCENCE LAMP

THERMISTOR (T)

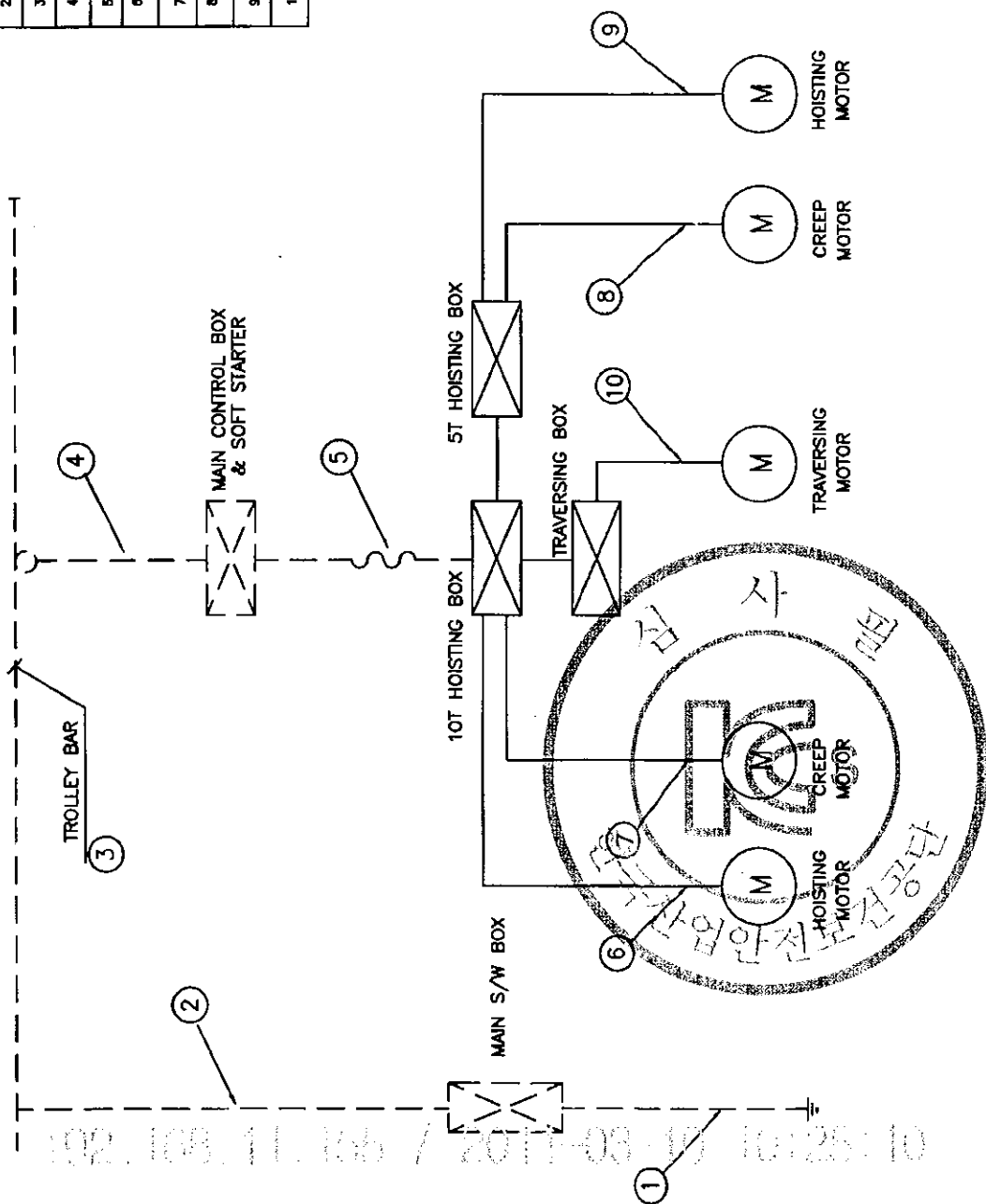
Transformer/Inductor (large circular component)

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KDC105-EE000

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NO	DESCRIPTION	VOLTAGE	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		USER SCOPE
6	10T HOISTING MOTOR WITH EARTH	220V 380V/440V/460V/480V	VCT 1450 x 1C
7	10T CREEP MOTOR WITH EARTH	220V 380V/440V/460V/480V	VCT 3.550 x 1C
8	5T HOISTING MOTOR WITH EARTH	220V 380V/440V/460V/480V	VCT 8.050 x 1C
9	5T CREEP MOTOR WITH EARTH	220V 380V/440V/460V/480V	VCT 3.550 x 1C
10	TRAVERSING MOTOR WITH EARTH	220V 380V/440V/460V/480V	VCT 3.550 x 1C



* CV CABLE 40종 1C는 EARTH로 사용함.

- NOTE -

1. 전동기 외함, 제어반의 프레임 등은 접지하여 그 접지 저항은

400V 미만 : 100옴 이하일것. (3종 접지)

400V 이상 : 10옴을 이하일것. (특 3종접지)

2.MAIN S/W BOX는 3종 접지 요.

USER SCOPE

KUKDONG SCOPE

DRAWING	DESIGN	CHECKED	APPROVED	SCALE	DATE	ORDER NO.
				NONE		
KUKDONG HOIST CO., LTD.						KDC105-EE000
EARTH DETAILS DRAWING						
CUSTOMER						
DRAWING TITLE						
REVISIONS						
DATE	CHK.	APP.				

NO	DESCRIPTION	VOLTAGE	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		USER SCOPE
6	10T HOISTING MOTOR WITH EARTH	220V 380V/440V/480V/480V	VCT 1450 x 1C
7	10T CREEP MOTOR WITH EARTH	220V 380V/440V/480V/480V	VCT 3.550 x 1C
8	5T HOISTING MOTOR WITH EARTH	220V 380V/440V/480V/480V	VCT 8.050 x 1C
9	5T CREEP MOTOR WITH EARTH	220V 380V/440V/480V/480V	VCT 3.550 x 1C
10	TRAVERSING MOTOR WITH EARTH	220V 380V/440V/480V/480V	VCT 3.550 x 1C

* CV CABLE 4C중 1C는 EARTH로 사용함.

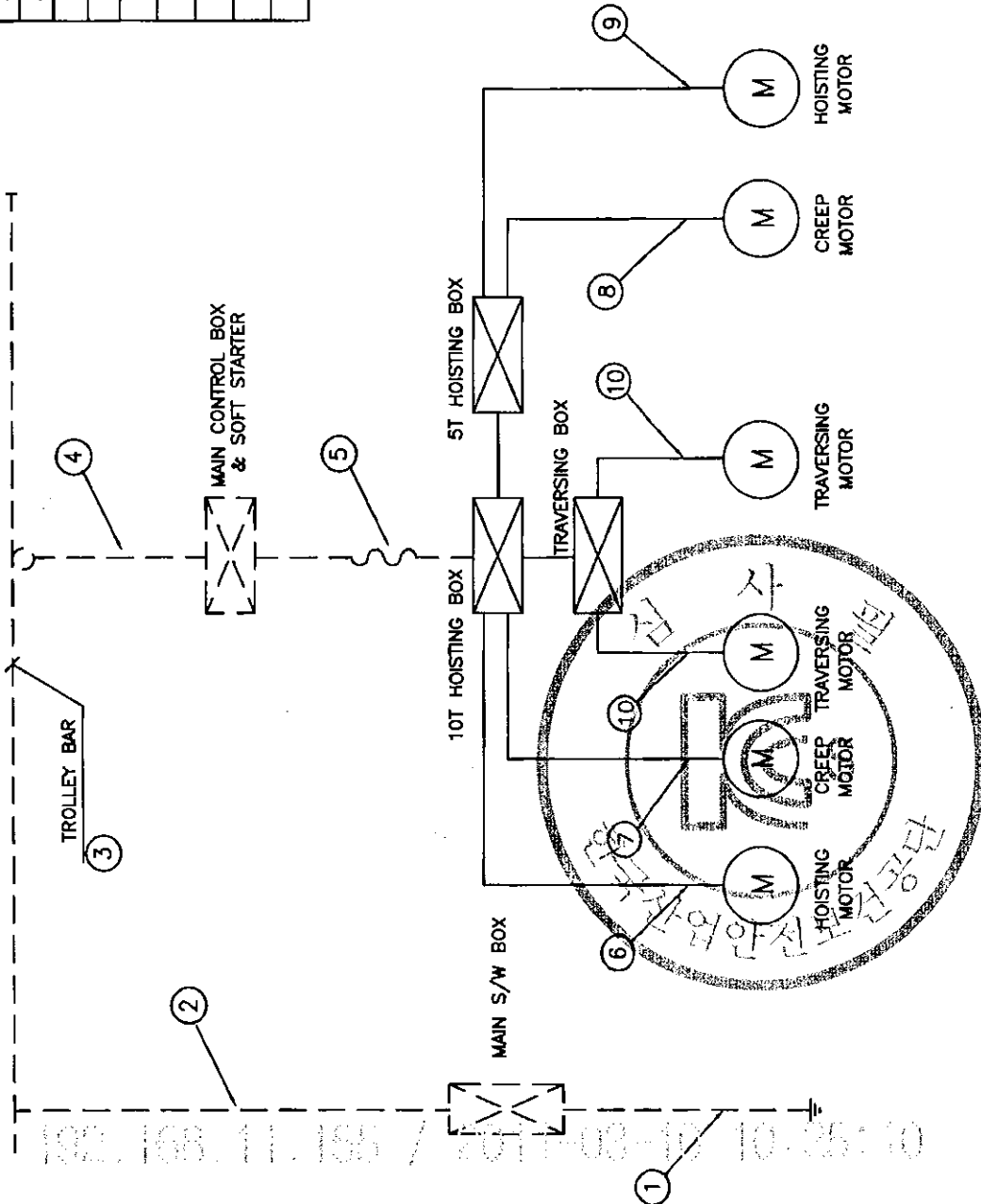
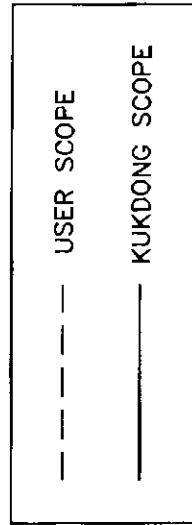
- NOTE -

1. 전동기의 회로, 제어반의 프레임 등은 접지하여 그 접지 저항은

400V 미만 : 100옴을 이하일것. (3중 접지)

400V 이상 : 10옴을 이하일것. (복 3중접지)

2. MAIN S/W BOX는 3중 접지 요.



DRAWING	DESIGN	CHECKED	APPROVED	SCALE	DATE	ORDER NO.
				NONE		
KUKDONG HOIST CO., LTD.						KDC105-EE001
EARTH DETAILS DRAWING						
CUSTOMER						
DRAWING TITLE						
REVISIONS						
DATE						
CHK.						
APP.						

NO	CABLE					REMARK
	TYPE	SIZE		TYPE	SIZE	
1	VCT	MAIN	22sqx4c	380V	440V,480V,480V	M/H MOTOR WITH EARTH
	VCT	AUX	14sqx4c	44sqx5c	99sqx5c	
		AUX	6.0sqx4c	6.0sqx5c	4.0sqx5c	
2	VCT		6.0sqx4c	6.0sqx4c	VCT	A/H POWER WITH EARTH
	VCT		3.5sqx7c	3.5sqx7c	VCT	T/S MOTOR WITH EARTH
4	VCT	MAIN	3.5sqx7c	3.5sqx7c	3.5sqx7c	M/H CREEP MOTOR WITH EARTH
	VCT	AUX	3.5sqx7c	3.5sqx7c	3.5sqx7c	A/H CREEP MOTOR WITH EARTH
		VCTF	HIGH	22sqx4c	14sqx4c	99sqx4c
5	VCTF	LOW	22sqx4c	14sqx4c	99sqx4c	

[illegible]

Technical drawing of a two-speed hoist mechanism, showing a side view. The drawing includes the following components and labels:

- 1**: Motor housing and mounting flange.
- 2**: Main shaft and internal gear assembly.
- 3**: Auxiliary hoist motor housing.
- 4**: Gear housing and mounting flange.
- 5**: Main motor housing and mounting flange.

The drawing is labeled **AUX. HOIST** and **MAIN HOIST**.

Technical drawing of a mechanical assembly, likely a pump or motor, showing a side view. The drawing includes various components labeled with letters and numbers. Key features include a large circular flange on the left, a central shaft or rotor assembly, and a base with mounting feet. The drawing is a line drawing with cross-sections indicated by dashed lines.

NO	CABLE					REMARK
	TYPE	SIZE	SIZE	TYPE	SIZE	
				440V, 480V, 480V		
1	VCT	MAIN 14sqx4c AUX 6.0sqx4c	380V	VCT	9sqx5c 4.0sqx5c	M/H MOTOR WITH EARTH A/H MOTOR WITH EARTH
2	VCT	6.0sqx4c	6.0sqx4c	VCT	6.0sqx4c	A/H POWER WITH EARTH
3	VCT	3.5sqx7c	3.5sqx7c	VCT	3.5sqx7c	T/S MOTOR WITH EARTH
4	VCT	MAIN 3.5sqx7c AUX 3.5sqx7c	3.5sqx7c	VCT	3.5sqx7c 3.5sqx7c	M/H CREEP MOTOR WITH EARTH A/H CREEP MOTOR WITH EARTH
5	VCT	HIGH 22sqx4c LOW 22sqx4c	14sqx4c	VCT	9sqx4c 9sqx4c	MAIN POWER WITH EARTH

				CUSTOMER				DRAWING DESIGN CHECKED APPROVED SCALE DATE	ORDER NO.
A/A									
A/A									
A/A								NONE	
A/A					KD 10/STON				
A/A					DRAWING TITLE				
MR.	DATE		REVISIONS	CHK.	APP.			DWG. NO. KUK DONG HOIST CO., LTD.	KD10SEZ3430

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
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사

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 (MANSELL NO.)

A. IN SIDE : 10B 3/5

B. OUT SIDE : 10B 3/5

3. PAINTING THICKNESS : ABOVE 40 μ m

4. APPLICATION VOLTAGE : 220V, 380V, 440V, 460V, 480V

5. 제어용 전선 : 2.0sq KIV, HIV

6. 외함 개방구조는 다음과 같다.

1) 외함 개방시 용전부분이 차단 되도록한다.

2) 외함 개방후 용전되어있는 부분은 IP2X 이상의

적절 전속 방호가 되어있을것.

SELECTION	HOIST CAPACITY	DESCRIPTION	IN DOOR		OUT DOOR		REMARK	
			A	B	A	B	L	
	10 TON	COREEP	450	200	710	450	200	710
		T/S	230	150	350	230	150	350

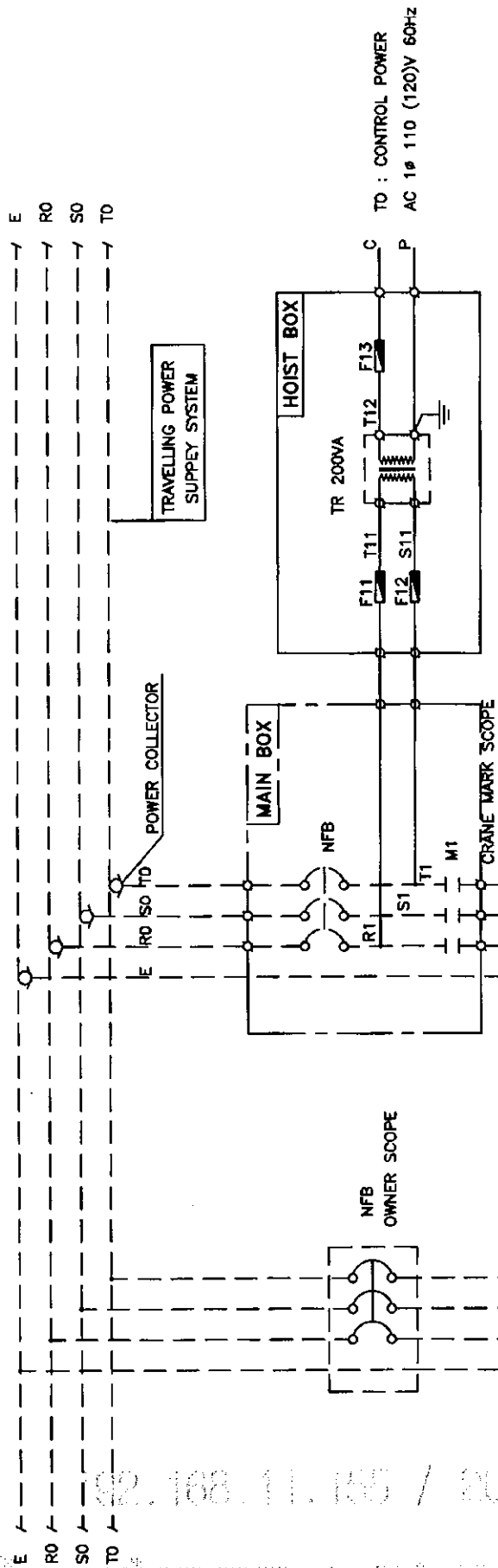
DRAWING	DESIGN	CHECKED	APPROVED	SCALE	DATE	ORDER NO.
				NONE		

극동호이스트 주식회사
KUK DONG HOIST CO., LTD.

DWG. NO

KD10EB00

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
POWER CIRCUIT																			
TRAVELLING POWER SUPPLY SYSTEM																			
ADR'S NO.																			A1



- 1. — MARKED OWNER SCOPE
- 2. EARTH : 제 3종접지 공사(400V 미만전압 : 100 OHM 이하)
즉 3종접지 공사(400V 이상전압 : 10 OHM 이하)

1. 전선의 색상은 다음과 같다.
- 1) 흑색 : 전선선
 - 2) 회색 : 교류제어선
 - 3) 청색 : 교류제어선
 - 4) 녹색 또는 녹색과 황색 혼용 : 접지
2. 표시등의 색상은 다음과 같다.
- 1) 흑색 : 비상
 - 2) 황색 : 비상
 - 3) 녹색 : 정상
 - 4) 청색 : 외부
 - 5) 흰색 : 동등
3. 조차 버튼의 색상은 다음과 같다.
- 1) 흑색 : 비상
 - 2) 황색 : 비상
 - 3) 청색 : 외부
 - 4) 흰색, 회색 또는 흑색 : 지정된 의미없음

SELECTION	VOLTAGE	F11	F12	F13	MCB100
220V	3A	5A	103AF/75AT		
380V	2A	5A	53AF/50AT		
440V	2A	5A	53AF/40AT		
480V	2A	5A	53AF/40AT		
480V	2A	5A	53AF/40AT		

DRAWING		DESIGN	CHECKED	APPROVED	SCALE	DATE	ORDER NO.
10/5TON MAIN POWER CIRCUIT 1					NONE		
DRAWING TITLE		DIAGRAM					
DATE	REVISIONS	CHK.	APP.	KDC105E001			

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20

ADR'S NO.

제 1 차 설계 및 제작

NOTE 1. 전선의 색상은 다음과 같다.

- 1) 흑색 : 전원선
- 2) 적색 : 교류제어선
- 3) 주황색 : 직류제어선
- 4) 녹색 또는 녹색과 노랑 혼합 : 접지선

2. CABLE MATERIAL : [KIV OR EQUIVALENT] MIN SIZE : 2.0sq

3. 제어용 전선 : 2.0mm KIV,HIV

4. 제작성 디소 변경 필수있음.

5. 외함 개방구조는 다음과 같을것.

1) 외함 개방시 충전부분이 차단되도록 할것.

2) 외함 개방후 충전되어있는 부분은 IP2X 이상의 직접 접촉 방호가 되어있을것.

NOTE

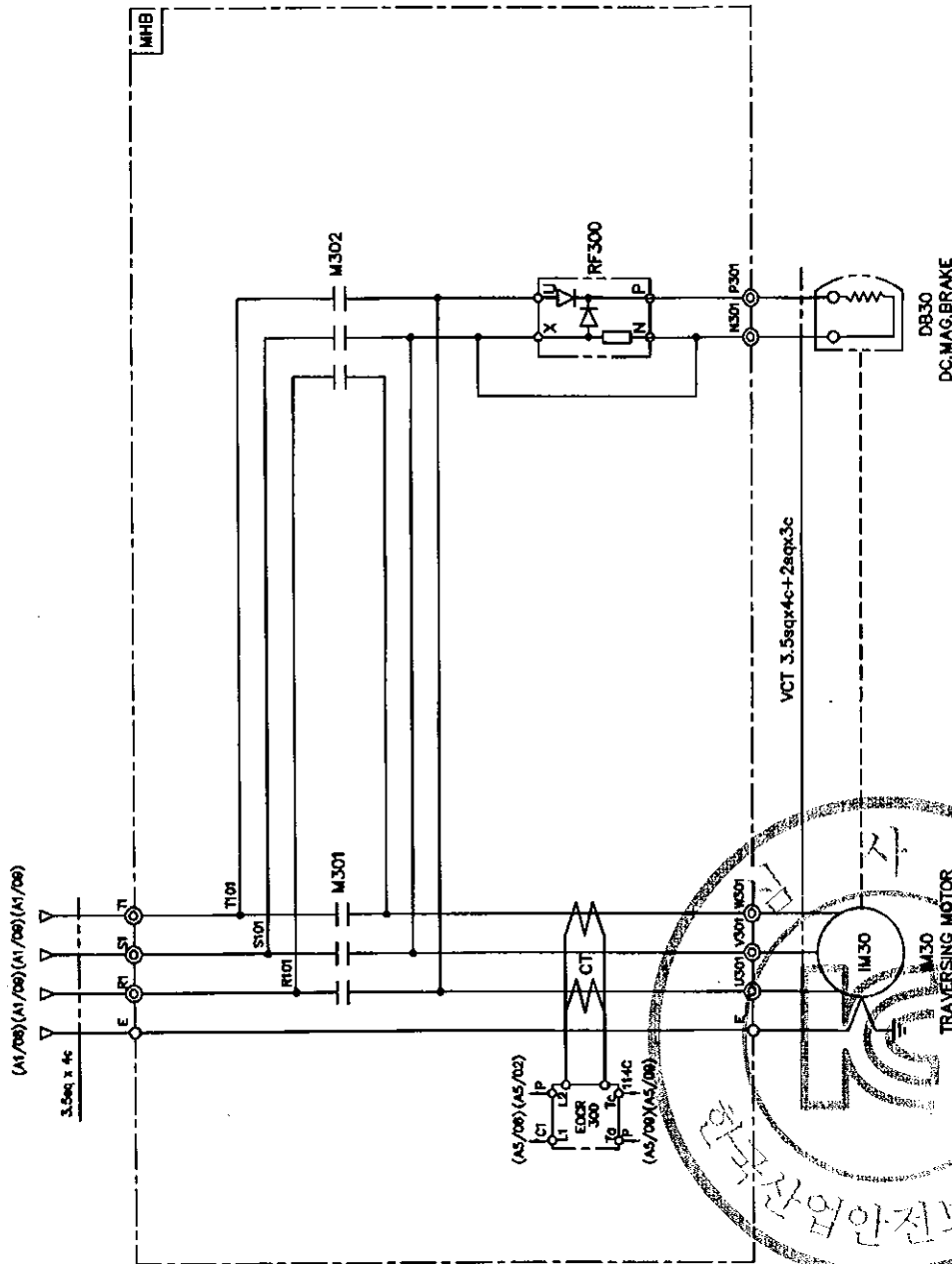
- 1. UPPER LIMIT LS-1의 접점 허용 전류 용량 : AC 600V/3A
- 2. UPPER LIMIT LS-2의 접점 허용 전류 용량 : NFB 103AF
- 3. EARTH TERMINAL RESISTANCE : 0.018Ω
- 4. POWER SOURCE : AC 3φ 220V 60HZ

NO	DESCRIPTION	SPECIFICATION	Q'TY	REMARK
1	CHASSIS PLATE		1	아 연 도 금
2	CABLE DUCT	-	1	
3	MAGNET CONTACTOR	GMC-125P	2	HOISTING
4	MAGNET CONTACTOR	DOC-22P	2	CREEP
5	SILICON RECTIFIER	SR-60	1	HOISTING
6	SILICON RECTIFIER	SR-30	1	CREEP
7	E.O.C.R	SS-60	1	HOISTING
8	E.O.C.R	SS-30	1	CREEP
9	N.F.B	103AF/75AT	1	LS-2
10	UPPER LIMIT	AC 600V/3A	1	LS-1
11	LIMIT LEVER	SS-41	1	
12	FUSE	3 A	2	
13	FUSE	5 A	1	
14	TRANSFORMER	200VA 220V/110V,120V	1	
15	TERMINAL BLOCK	100A,25A		
16	TERMINAL BLOCK	15A		
17	EARTH TERMINAL	5tx25x50	1	

DRAWING	DESIGN	CHECKED	APPROVED	SCALE	DATE	ORDER NO.
				NONE		
KUDONGHOIST KUK DONG HOIST CO., LTD.						DWG. NO
HOISTING CONTROL BOX						KDC10BA02
ARRANGEMENT DRAWING						
CUSTOMER		REVISIONS		CHK.	APP.	
DATE	REVISIONS		DATE		REVISIONS	

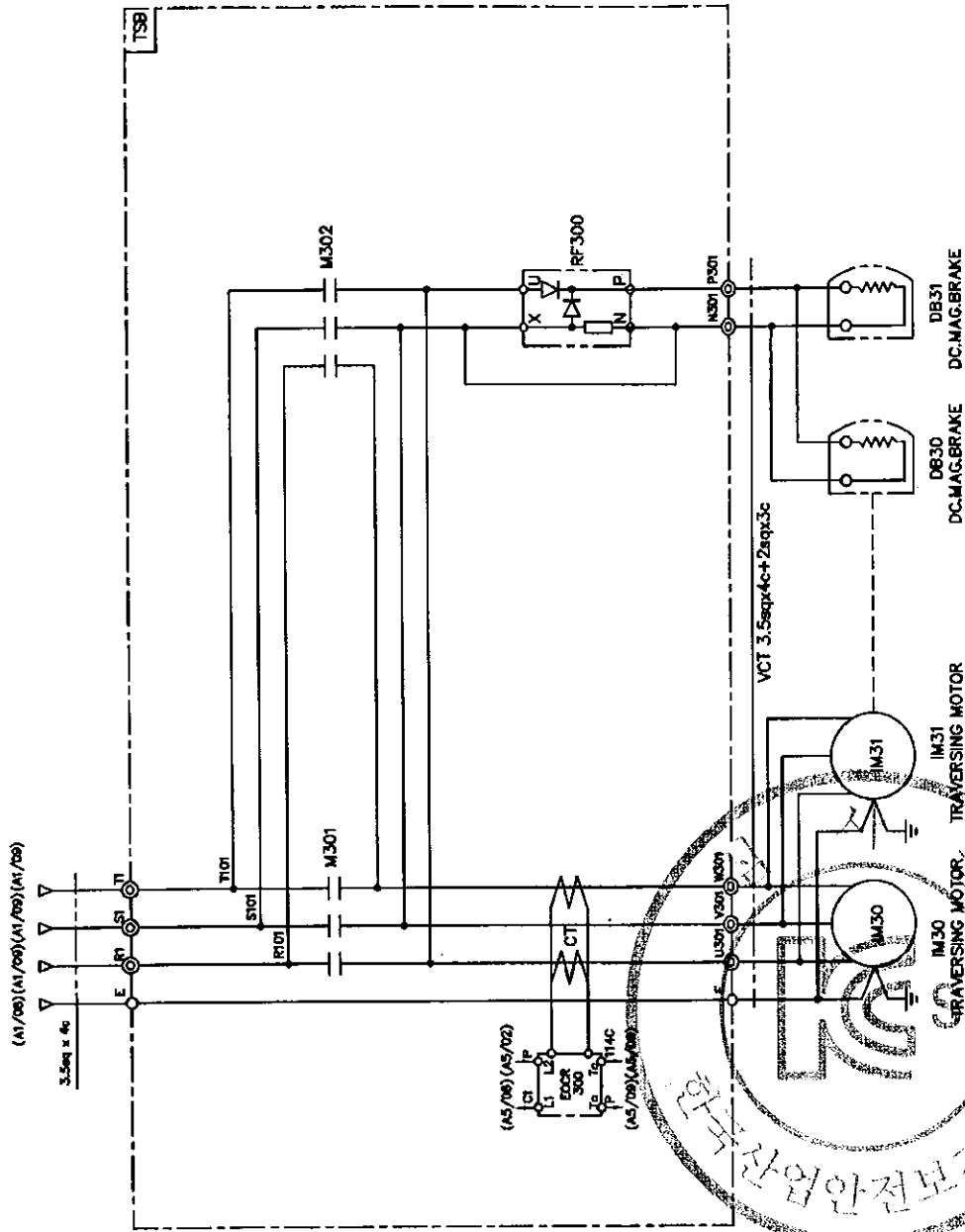
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1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
POWER CIRCUIT																			ADR'S NO.
TRAVERSING MOTION																			C1



30		7-15-2014		7-15-2014		7-15-2014		7-15-2014		7-15-2014		7-15-2014		7-15-2014		7-15-2014		7-15-2014		7-15-2014		7-15-2014		7-15-2014		7-15-2014		7-15-2014		7-15-2014		7-15-2014		7-15-2014		7-15-2014		7-15-2014		7-15-2014		7-15-2014		7-15-2014		7-15-2014		7-15-2014		7-15-2014		7-15-2014		7-15-2014		7-15-2014		7-15-2014		7-15-2014		7-15-2014		7-15-2014		7-15-2014		7-15-2014		7-15-2014		7-15-2014		7-15-2014		7-15-2014		7-15-2014		7-15-2014		7-15-2014		7-15-2014		7-15-2014		7-15-2014		7-15-2014		7-15-2014		7-15-2014		7-15-2014		7-15-2014		7-15-2014		7-15-2014		7-15-2014		7-15-2014		7-15-2014		7-15-2014		7-15-2014		7-15-2014		7-15-2014		7-15-2014		7-15-2014		7-15-2014		7-15-2014		7-15-2014		7-15-2014		7-15-2014		7-15-2014		7-15-2014		7-15-2014		7-15-2014		7-15-2014		7-15-2014		7-15-2014		7-15-2014		7-15-2014		7-15-2014		7-15-2014		7-15-2014		7-15-2014		7-15-2014		7-15-2014		7-15-2014		7-15-2014		7-15-2014		7-15-2014		7-15-2014		7-15-2014		7-15-2014		7-15-2014		7-15-2014		7-15-2014		7-15-2014		7-15-2014		7-15-2014		7-15-2014		7-15-2014		7-15-2014		7-15-2014		7-15-2014		7-15-2014		7-15-2014		7-15-2014		7-15-2014		7-15-2014		7-15-2014		7-15-2014		7-15-2014		7-15-2014		7-15-2014		7-15-2014		7-15-2014		7-15-2014		7-15-2014		7-15-2014		7-15-2014		7-15-2014		7-15-2014		7-15-2014		7-15-2014		7-15-2014		7-15-2014		7-15-2014		7-15-2014		7-15-2014		7-15-2014		7-15-2014		7-15-2014		7-15-2014		7-15-2014		7-15-2014		7-15-2014		7-15-2014		7-15-2014		7-15-2014		7-15-2014		7-15-2014		7-15-2014		7-15-2014		7-15-2014		7-15-2014		7-15-2014		7-15-2014		7-15-2014		7-15-2014		7-15-2014		7-15-2014		7-15-2014		7-15-2014		7-15-2014		7-15-2014		7-15-2014		7-15-2014		7-15-2014		7-15-2014		7-15-2014		7-15-2014		7-15-2014		7-15-2014		7-15-2014		7-15-2014		7-15-2014		7-15-2014		7-15-2014		7-15-2014		7-15-2014		7-15-2014		7-15-2014		7-15-2014		7-15-2014		7-15-2014		7-15-2014		7-15-2014		7-15-2014		7-15-2014		7-15-2014		7-15-2014		7-15-2014		7-15-2014		7-15-2014		7-15-2014		7-15-2014		7-15-2014		7-15-2014		7-15-2014		7-15-2014		7-15-2014		7-15-2014		7-15-2014		7-15-2014		7-15-2014		7-15-2014		7-15-2014		7-15-2014		7-15-2014		7-15-2014		7-15-2014		7-15-2014		7-15-2014		7-15-2014		7-15-2014		7-15-2014		7-15-2014		7-15-2014		7-15-2014		7-15-2014		7-15-2014		7-15-2014		7-15-2014		7-15-2014		7-15-2014		7-15-2014		7-15-2014		7-15-2014		7-15-2014		7-15-2014		7-15-2014		7-15-2014		7-15-2014		7-15-2014		7-15-2014		7-15-2014		7-15-2014		7-15-2014		7-15-2014		7-15-2014		7-15-2014		7-15-2014		7-15-2014		7-15-2014		7-15-2014		7-15-2014		7-15-2014		7-15-2014		7-15-2014		7-15-2014		7-15-2014		7-15-2014		7-15-2014		7-15-2014		7-15-2014		7-15-2014		7-15-2014		7-15-2014		7-15-2014		7-15-2014		7-15-2014		7-15-2014		7-15-2014		7-15-2014		7-15-2014		7-15-2014		7-15-2014		7-15-2014		7-15-2014		7-15-2014		7-15-2014		7-15-2014		7-15-2014		7-15-2014		7-15-2014		7-15-2014		7-15-2014		7-15-2014		7-15-2014		7-15-2014		7-15-2014		7-15-2014		7-15-2014		7-15-2014		7-15-2014		7-15-2014		7-15-2014		7-15-2014		7-15-2014		7-15-2014		7-15-2014		7-15-2014		7-15-2014		7-15-2014		7-15-2014		7-15-2014		7-15-2014		7-15-2014		7-15-2014		7-15-2014		7-15-2014		7-15-2014		7-15-2014		7-15-2014		7-15-2014		7-15-2014		7-15-2014		7-15-2014		7-15-2014		7-15-2014		7-15-2014		7-15-2014		7-15-2014		7-15-2014		7-15-2014		7-15-2014		7-15-2014		7-15-2014		7-15-2014		7-15-2014		7-15-2014		7-15-2014		7-15-2014		7-15-2014		7-15-2014		7-15-2014		7-15-2014		7-15-2014		7-15-2014		7-15-2014		7-15-2014		7-15-2014		7-15-2014		7-15-2014		7-15-2014		7-15-2014		7-15-2014		7-15-2014		7-15-2014		7-15-2014		7-15-2014		7-15-2014		7-15-2014		7-15-2014		7-15-2014		7-15-2014		7-15-2014		7-15-2014		7-15-2014		7-15-2014		7-15-2014		7-15-2014		7-15-2014		7-15-2014		7-15-2014		7-15-2014		7-15-2014		7-15-2014		7-15-2014		7-15-2014		7-15-2014		7-15-2014		7-15-2014		7-15-2014		7-15-2014		7-15-2014		7-15-2014		7-15-2014		7-15-2014		7-15-2014		7-15-2014		7-15-2014		7-15-2014		7-15-2014		7-15-2014		7-15-2014		7-15-2014		7-15-2014		7-15-2014		7-15-2014		7-15-2014		7-15-2014		7-15-2014		7-15-2014		7-15-2014		7-15-2014		7-15-2014		7-15-2014		7-15-2014		7-15-2014		7-15-2014		7-15-2014		7-15-2014		7-15-2014		7-15-2014		7-15-2014		7-15-2014		7-15-2014		7-15-2014		7-15-2014		7-15-2014		7-15-2014		7-15-2014		7-15-2014		7-15-2014		7-15-2014		7-15-2014		7-15-2014		7-15-2014		7-15-2014		7-15-2014		7-15-2014		7-15-2014		7-15-2014		7-15-2014		7-15-2014		7-15-2014		7-15-2014		7-15-2014		7-15-2014		7-15-2014		7-15-2014		7-15-2014		7-15-2014		7-15-201	
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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		TRAVERSING MOTOR	MAGNET CONTACTOR	SILICON RECTIFIER	ELECTRIC OVER CURRENT RELAY	LIMIT SWITCH
SYMBOLS		IM 30, 1M31	M301, M302	RF 300	EOCR 300	LS-301, LS-302
DESCRIPTION		0.75KW x 4P AC 3PH 220V 60Hz	DOC-22P AC 110V	SR-30 AC 220V/DC 100V	SS-30	HY - W904
SELECTION		0.5KW x 6P AC 3PH 220V 60Hz	DOC-22 AC 110V	SR-30 AC 220V/DC 100V	SS-30	HY - W904
DRAWING		ASECO				
CUSTOMER		DEARYUK	CHECKED	APPROVED	SCALE	DATE
DRAWING TITLE		TRAVERSING POWER CONTROL CIRCUIT				
REVISIONS		NONE				
DATE		KUK DONG HOIST CO., LTD.				
CHK.		DWG. NO				
APP.		KDC10E24				

POWER CIRCUIT

TRaversing MOTION

TSB

(A1/00) (A1/00) (A1/00) (A1/00)

E R301 S301 T301

M301

M302

M303

M304

M305

R302 S302 T302

CT

EOCR 302

DB30

RF300

TR300

DC MAG. BRAKE

TRaversing MOTOR

TRaversing MOTOR

DC MAG' BRAKE

MAGNET CONTACTOR

SILICON RECTIFIER

ELECTRIC OVER CURRENT RELAY

TRANSFORMER

220V 0.5/0.25KVA 6/12P AC3PH 220V 60Hz

220V 0.8/0.4KVA 4/8P AC3PH 220V 60Hz

SELECTION MAKER

CUSTOMER

DRAWING TITLE

TRaversing POWER CONTROL CIRCUIT

DIAGRAM

REVISIONS

CHK. APP.

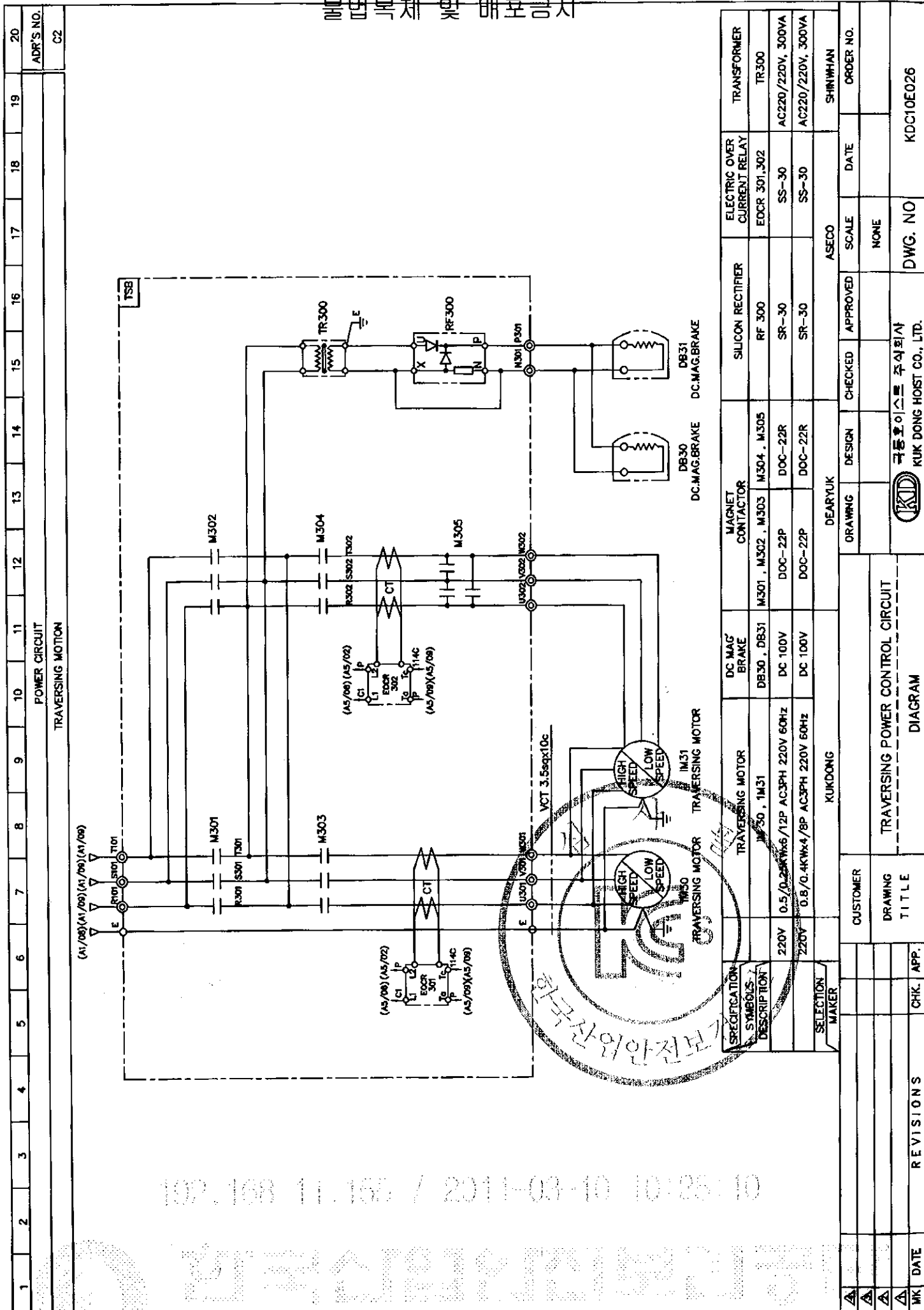
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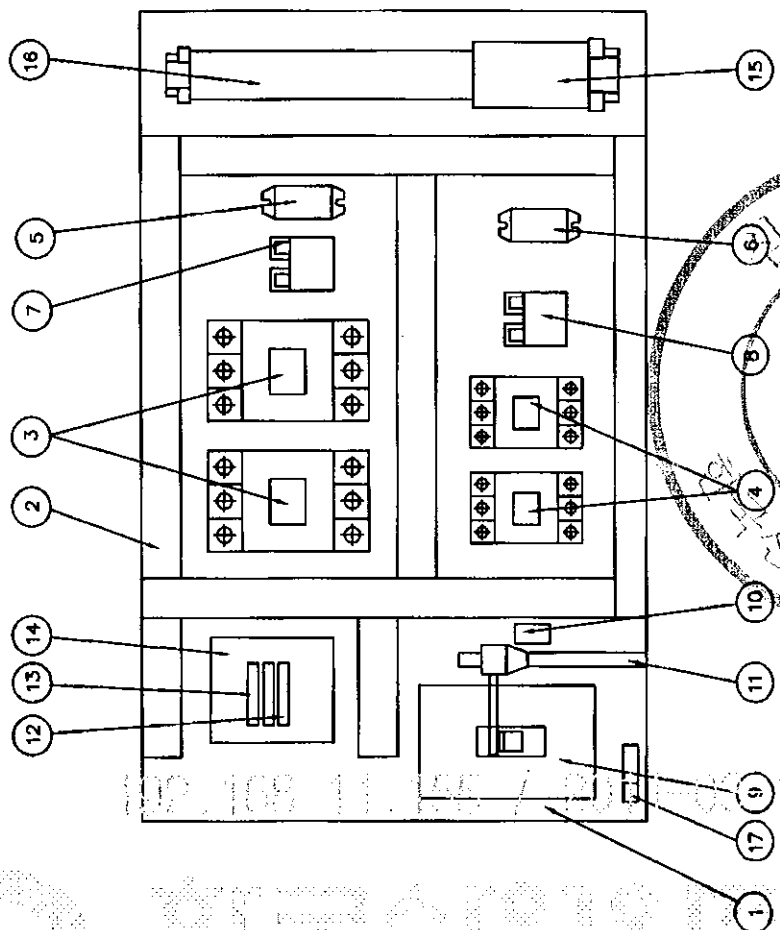
ORDER NO.

SHINWHAN

KDC10E025



SPECIFICATION SYMBOLS DESCRIPTION		TRAVERSING MOTOR		DC MAG. BRAKE		MAGNET CONTACTOR		SILICON RECTIFIER		ELECTRIC OVER CURRENT RELAY		TRANSFORMER	
		IM30, IM31		DB30, DB31		M301, M302, M303, M304, M305		RF 300		EDCR 301, 302		TR300	
		220V 0.5/0.25kWx6/1/2P AC3PH 220V 60Hz		DC 100V		DOC-22P		SR-30		SS-30		AC220/220V, 300VA	
		220V 0.8/0.4kWx4/8P AC3PH 220V 60Hz		DC 100V		DOC-22P		SR-30		SS-30		AC220/220V, 300VA	
SELECTION MAKER		KUKDOONG		DEARYUK		ASECO		SHINWHAN					
CUSTOMER				DRAWING		DESIGN		CHECKED		APPROVED		SCALE	
DRAWING TITLE		TRAVERSING POWER CONTROL CIRCUIT										DATE	
REVISIONS												DWG. NO	
CHK. APP.												KDC10E026	



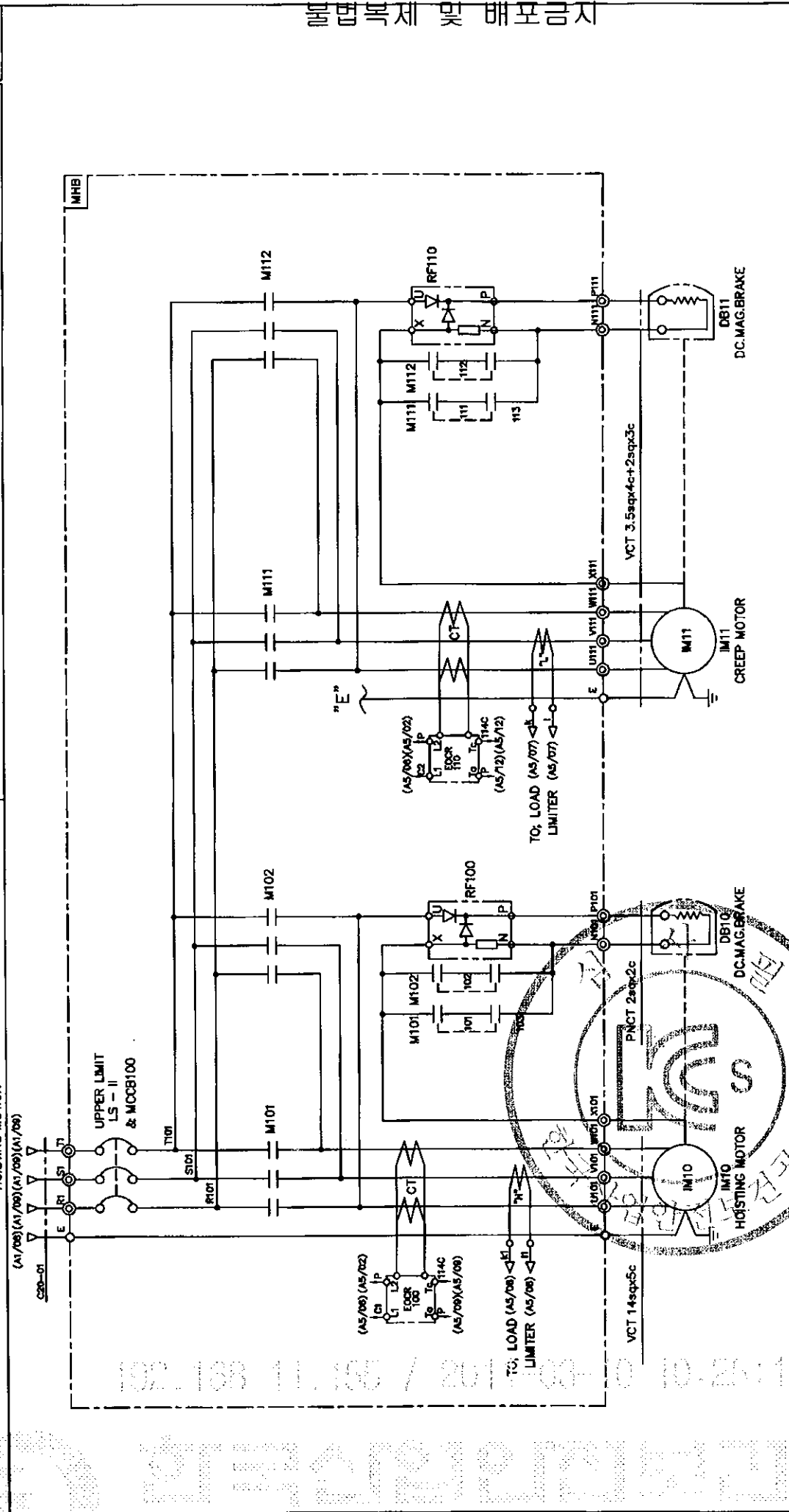
NO	DESCRIPTION	SPECIFICATION	Q'TY	REMARK
1	CHASSIS PLATE		1	아 연 도 금
2	CABLE DUCT	-	1	
3	MAGNET CONTACTOR	DOC-65P	2	HOISTING
4	MAGNET CONTACTOR	DOC-22P	2	CREEP
5	SILICON RECTIFIER	SR-60	1	HOISTING
6	SILICON RECTIFIER	SR-30	1	CREEP
7	E.O.C.R	SS-60	1	HOISTING
8	E.O.C.R	SS-30	1	CREEP
9	N.F.B	53AF/50AT	1	LS-2
10	UPPER LIMIT	AC 600V/3A	1	LS-1
11	LIMIT LEVER	SS-41	1	
12	FUSE	3 A	2	
13	FUSE	5 A	1	
14	TRANSFORMER	200VA 380V/110V,120V	1	
15	TERMINAL BLOCK	60A,25A		
16	TERMINAL BLOCK	15A		
17	EARTH TERMINAL	5t×25×50	1	

NOTE 1. 전선의 예상은 다음과 같다.

- 1) 폭색 : 전핀선
 - 2) 와이어 : 그루체어선
 - 3) 주황색 : 칩부재어선
 - 4) 녹색 또는 녹색과 노랑 혼용 : 집지선
2. CABLE MATERIAL : [KIV OR EQUIV. MIN SIZE : 20AWG]
3. 제어용 전선 : 2.0mm KIV,HIV
 4. 제직사 다스 변경 필수요용.
 5. 외함 가방구조는 다음과 같을것.
- 1) 외함 가방식 충전부분이 차단되도록 설계가 될것.
 - 2) 외함 가방용 충전핀이있는 부분은 IP20

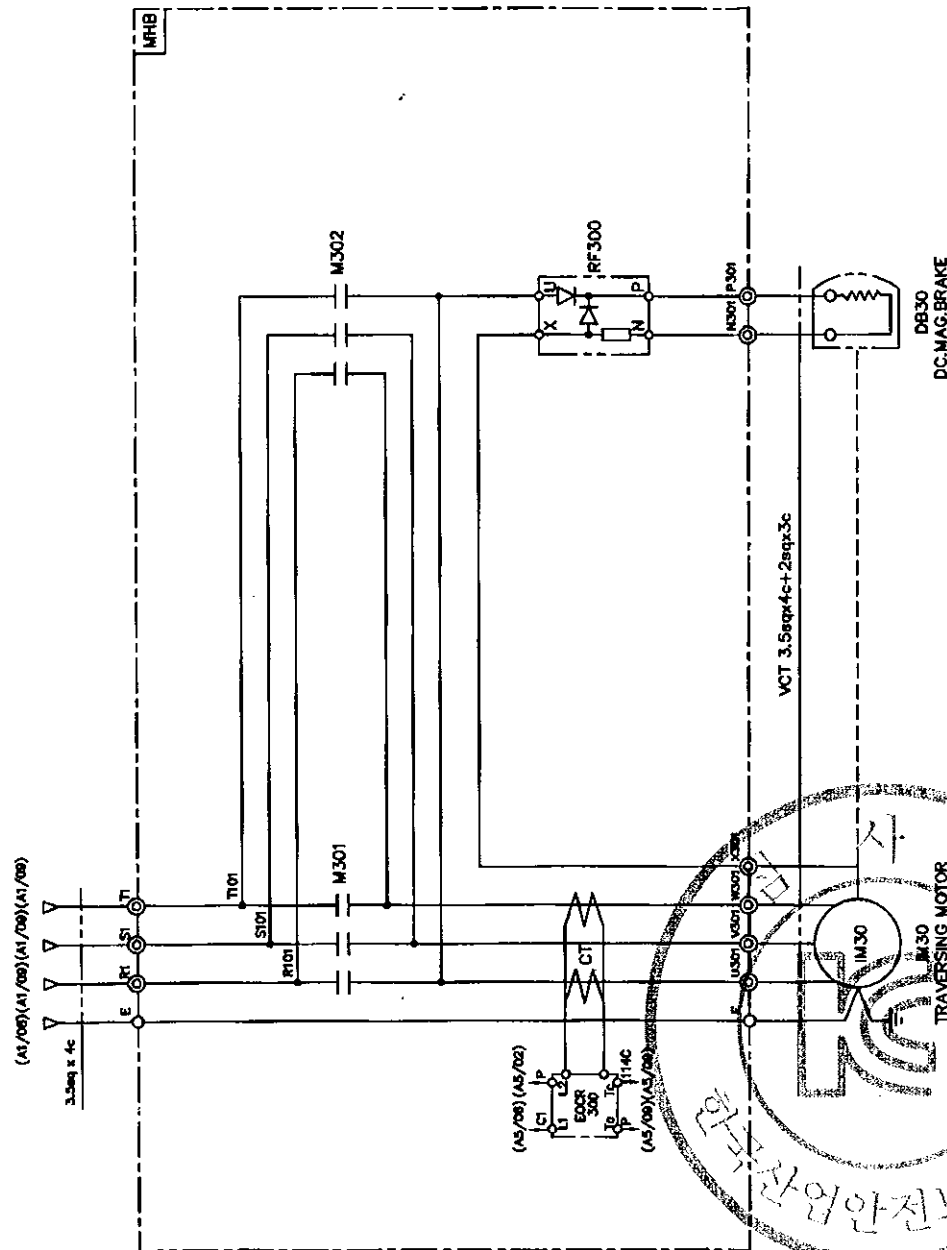
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1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
POWER CIRCUIT										ADP'S NO.									
HOISTING MOTION										B1									

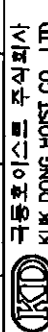


SPECIFICATION SYMBOLS		HOISTING POWER	HOISTING MOTOR	DC MAG. BRAKE	NO FUSE BREAKER	TRANSFORMER	FUSE		MAGNET CONTACTOR	UPPER LIMIT	ELECTRIC OVER CURRENT RELAY	SILICON RECTIFIER	LOAD LIMITER	CABLE		
DESCRIPTION		HOIST	IM 11	DB10, 11	LS-II & MCCB100	TR 1	F11,F12	F13	M101,M102	LS - II	EOCR100	RF100	LOAD LIMITER	C20-01		
		10TON AC3PH 380V 60Hz	9KW x 8P	DC 100V	DBS-53AF/50AT	380/110V,200VA	2A	3A	DBC-85P	DBC-22P	SS-60	SR-60	JDL-100	VCTF 14sqx4c		
SELECTION MAKER		KUKDONG			DEARYUK	SHINWHAN	-		DEARYUK	KUKDONG	ASECO			JEUNGHO	DONGIL	
		CUSTOMER													ORDER NO.	
		DRAWING TITLE			HOISTING & CREEP POWER CONTROL											
					CIRCUIT DIAGRAM											
REVISIONS		CHK.	APP.												DWG. NO	KDC10E32
DATE																
DWG. NO		KDC10E32														

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																			C1

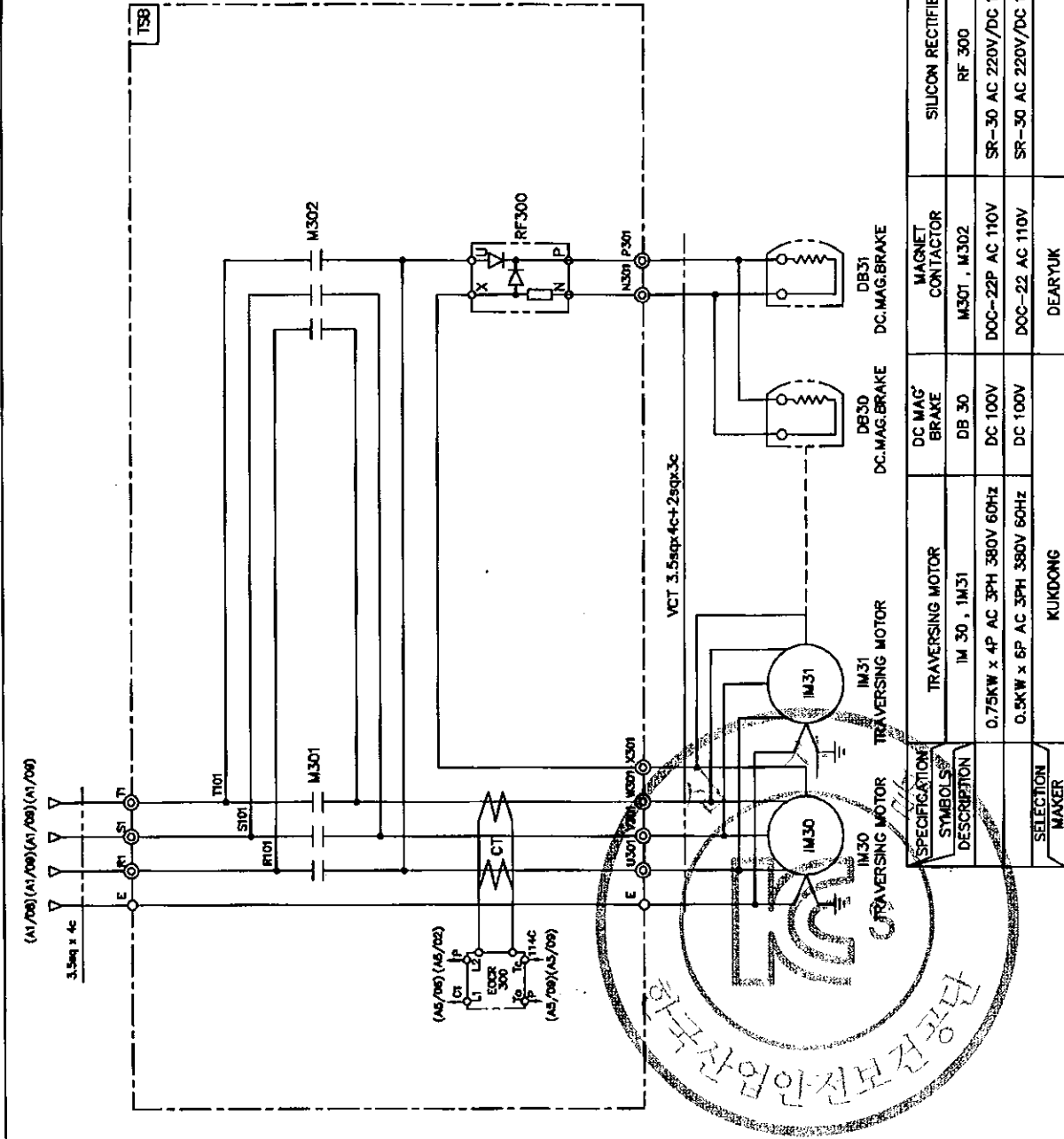


SPECIFICATION SYMBOLS		TRAVERSING MOTOR		DC MAG. BRAKE		MAGNET CONTACTOR		SILICON RECTIFIER		ELECTRIC OVER CURRENT RELAY		LIMIT SWITCH	
DESCRIPTION		IM 30		DB 30		M301, M302		RF 300		EOCR 300		LS-301, LS-302	
0.75KW x 4P AC 3PH 380V 60Hz				DC 100V		DCC-22P AC 110V		SR-30 AC 220V/DC 100V		SS-05		HY - W904	
0.5KW x 6P AC 3PH 380V 60Hz				DC 100V		DCC-22P AC 110V		SR-30 AC 220V/DC 100V		SS-05		HY - W904	
SELECTION MAKER		KUKDONG		DAERYUK		ASECO							
CUSTOMER													
DRAWING TITLE		TRAVERSING POWER CONTROL CIRCUIT											
REVISIONS													
DATE													
CHK.													
APP.													
DWG. NO		KDC10E33											
DATE													
ORDER NO.													



구동호이스트 주식회사
KUK DONG HOIST CO., LTD.

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



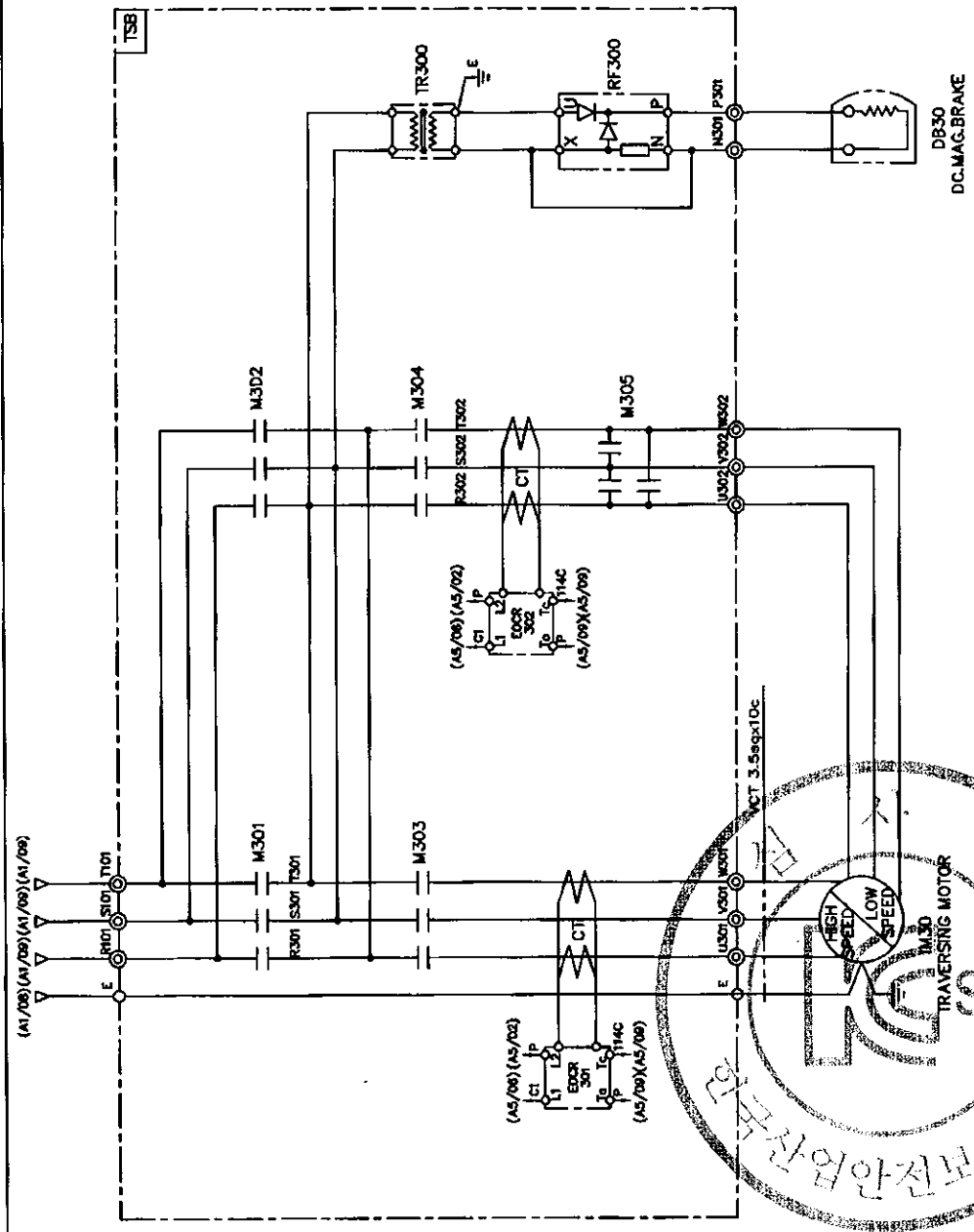
SPECIFICATION SYMBOLS		DESCRIPTION		SELECTION MAKER		KUKDONG		DEARYUK		ASECO		ORDER NO.	
TRAVERSING MOTOR		IM 30, IM31		0.75KW x 4P AC 3PH 380V 60Hz		TRAVERSING MOTOR		M301, M302		EOCR 300		LS-301, LS-302	
DC MAG. BRAKE		DB 30		0.5KW x 6P AC 3PH 380V 60Hz		DC MAG. BRAKE		DC-22P AC 110V		SR-30 AC 220V/DC 100V		SS-30	
MAGNET CONTACTOR		M301, M302		0.5KW x 6P AC 3PH 380V 60Hz		MAGNET CONTACTOR		DC-22 AC 110V		SR-30 AC 220V/DC 100V		SS-30	
SILICON RECTIFIER		RF 300		0.5KW x 6P AC 3PH 380V 60Hz		SILICON RECTIFIER		DC-22 AC 110V		SR-30 AC 220V/DC 100V		SS-30	
ELECTRIC OVER CURRENT RELAY		EOCR 300		0.5KW x 6P AC 3PH 380V 60Hz		ELECTRIC OVER CURRENT RELAY		DC-22 AC 110V		SR-30 AC 220V/DC 100V		SS-30	
LIMIT SWITCH		LS-301, LS-302		0.5KW x 6P AC 3PH 380V 60Hz		LIMIT SWITCH		DC-22 AC 110V		SR-30 AC 220V/DC 100V		SS-30	
		HY - W904		0.5KW x 6P AC 3PH 380V 60Hz				DC-22 AC 110V		SR-30 AC 220V/DC 100V		SS-30	
		HY - W904		0.5KW x 6P AC 3PH 380V 60Hz				DC-22 AC 110V		SR-30 AC 220V/DC 100V		SS-30	

DRAWING		DESIGN		CHECKED		APPROVED		SCALE		DATE		ORDER NO.	
TRAVERSING POWER CONTROL CIRCUIT								NONE					
TITLE		DIAGRAM											
REVISIONS													
CHK. APP.													
DATE													
DWG. NO.													
KDC10E34													
KUK DONG HOIST CO., LTD.													
KDC10E34													

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192.168.11.155 / 2011-03-10 10:25:10

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



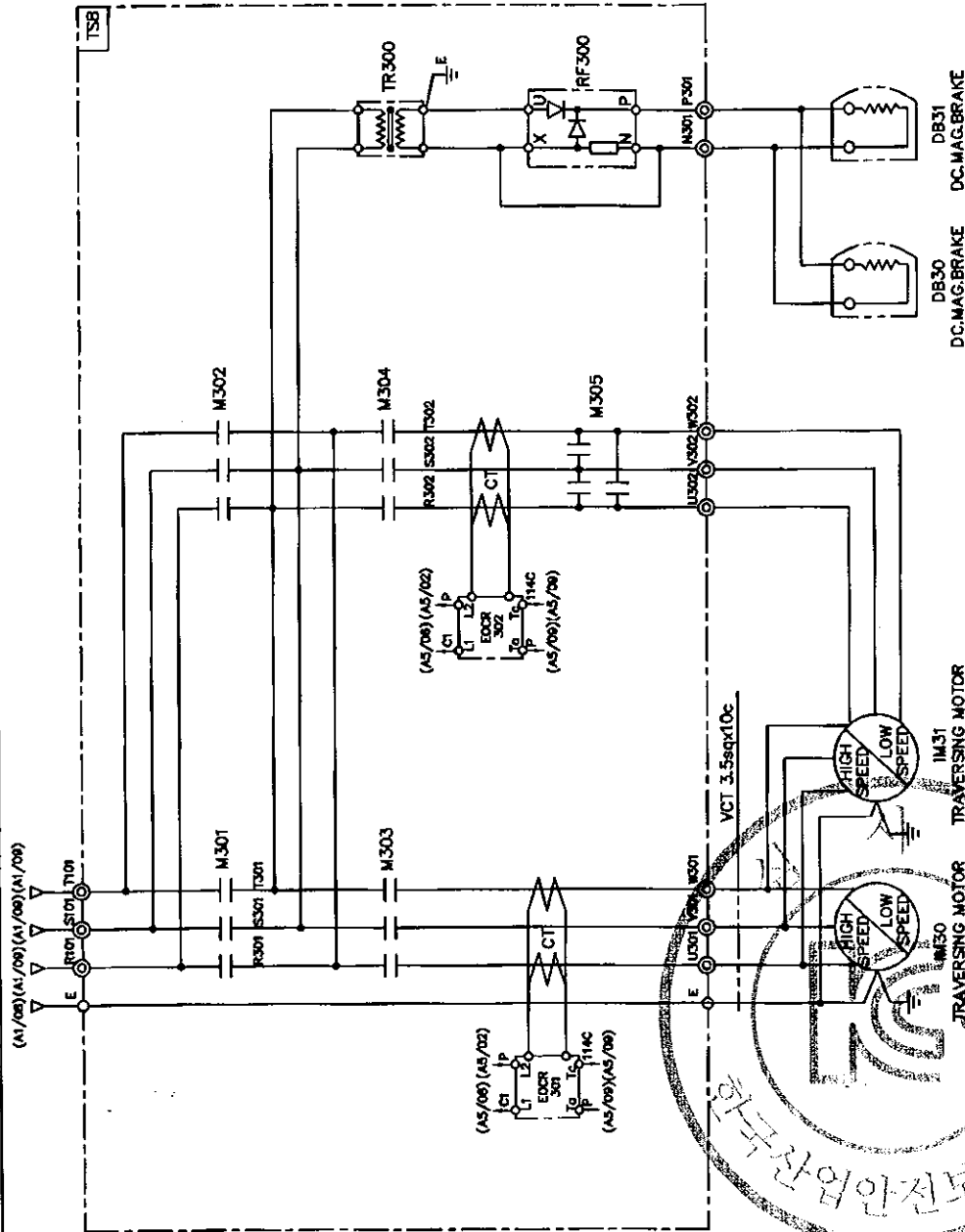
SPECIFICATION		SYMBOLS		DESCRIPTION		MAGNET CONTACTOR		SILICON RECTIFIER		ELECTRIC OVER CURRENT RELAY		TRANSFORMER	
TRAVERSING MOTOR		TRAVERSING MOTOR		M301, M302, M303, M304, M305		DB30		RF 300		EOCR 301,302		TR300	
380V		0.5/0.25KW/60Hz		AC3PH 380V 60Hz		DC 100V		DOC-22R		SS-06		AC380/220V, 300VA	
380V		0.6/0.4KW/4/8P AC3PH 380V 60Hz		DC 100V		DOC-22R		SR-30		SS-06		AC380/220V, 300VA	
SELECTION		MAKER		KUKDONG		DEARYUK		ASECO		SHINWHAN		ORDER NO.	
CUSTOMER		DRAWING TITLE		TRAVERSING POWER CONTROL CIRCUIT		DRAWING		DESIGN		APPROVED		DATE	
REVISIONS		CHK. APP.		DWG. NO		KUKDONG HOIST CO., LTD.		NONE		KDC10E035		DWG. NO	
DATE		REVISIONS		KDC10E035		KUKDONG HOIST CO., LTD.		NONE		KDC10E035		DWG. NO	

KDC10E035

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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		MAGNET CONTACTOR		SILICON RECTIFIER		ELECTRIC OVER CURRENT RELAY		TRANSFORMER	
DESCRIPTION		M301, M302, M303		M304, M305		RF 300		EOCR 301,302		TR300	
380V 0.5/0.25kWx6/12P AC3PH 50Hz		DC 100V		DC 100V		DC 100V		SS-30		AC380/220V, 300VA	
380V 0.8/0.4kWx4/8P AC3PH 50Hz		DC 100V		DC 100V		DC 100V		SS-30		AC380/220V, 300VA	
SELECTION MAKER		KUKDONG		DEARYUK		ASECO		SHINWHAN			
CUSTOMER		DRAWING		DESIGN		CHECKED		APPROVED		DATE	
DRAWING TITLE		TRAVERSING POWER CONTROL CIRCUIT									
REVISIONS		CHK. APP.		DWG. NO		KDC10E036					
DATE											

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
KDC108A04																			
ADR'S NO.																			

NO	DESCRIPTION	SPECIFICATION	Q'TY	REMARK
1	CHASSIS PLATE		1	아 연 도 금
2	CABLE DUCT	-	1	
3	MAGNET CONTACTOR	DOC-65P	2	HOISTING
4	MAGNET CONTACTOR	DOC-22P	2	CREEP
5	SILICON RECTIFIER	SR-60	1	HOISTING
6	SILICON RECTIFIER	SR-30	1	CREEP
7	E.O.C.R	SS-60	1	HOISTING
8	E.O.C.R	SS-30	1	CREEP
9	N.F.B	53AF/40AT	1	LS-2
10	UPPER LIMIT	AC 600V/3A	1	LS-1
11	LIMIT LEVER	SS-41	1	
12	FUSE	3 A	2	
13	FUSE	5 A	1	
14	TRANSFORMER	200VA 440V/110V,120V	1	
15	TERMINAL BLOCK	60A,25A		
16	TERMINAL BLOCK	15A		
17	EARTH TERMINAL	5x25x50	1	

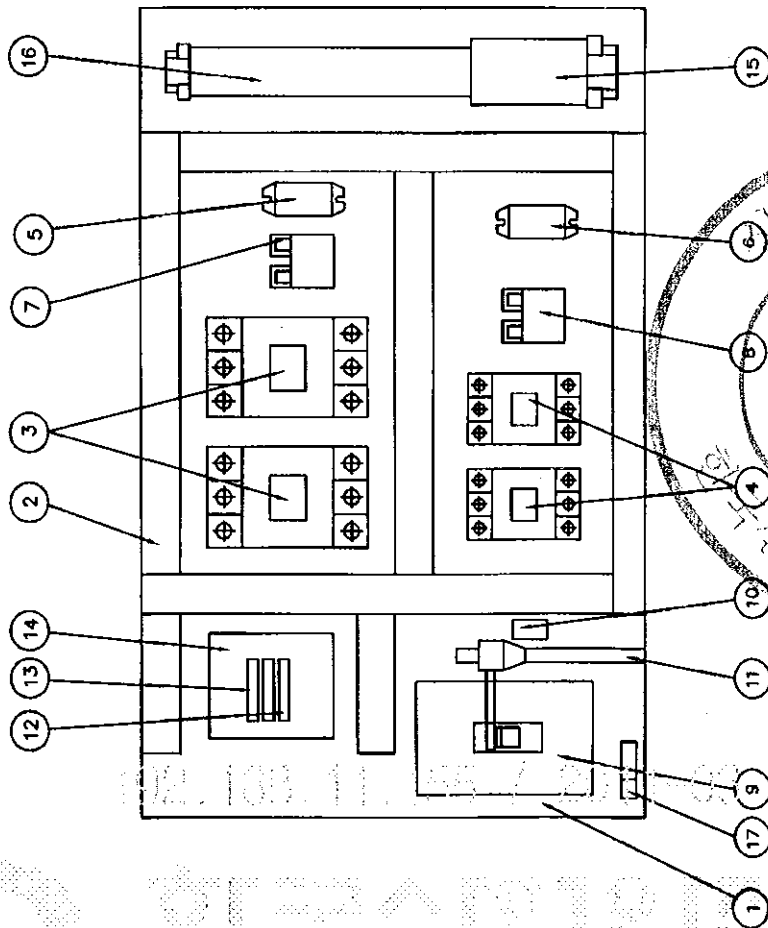
NOTE 1. 전선의 색상은 다음과 같다.

- 1) 흑색 : 전원선
- 2) 적색 : 교류제어선
- 3) 주황색 : 직류제어선
- 4) 녹색 또는 녹색과 노랑 혼합 : 접지선

2. CABLE MATERIAL : [KIV OR EQUIVALENT
MIN SIZE : 2.0sq

3. 제어용 전선 : 2.0mm KIV,HIV
4. 제라시 디스 변경 필수있음.
5. 외함 기판구조는 다음과 같을것.

- 1) 외함 기판시 충전부분이 차단되도록 할것.
- 2) 외함 기판후 충전되어있는 부분은 IP2X 이상의 직접 접촉 방호가 되어있을것.

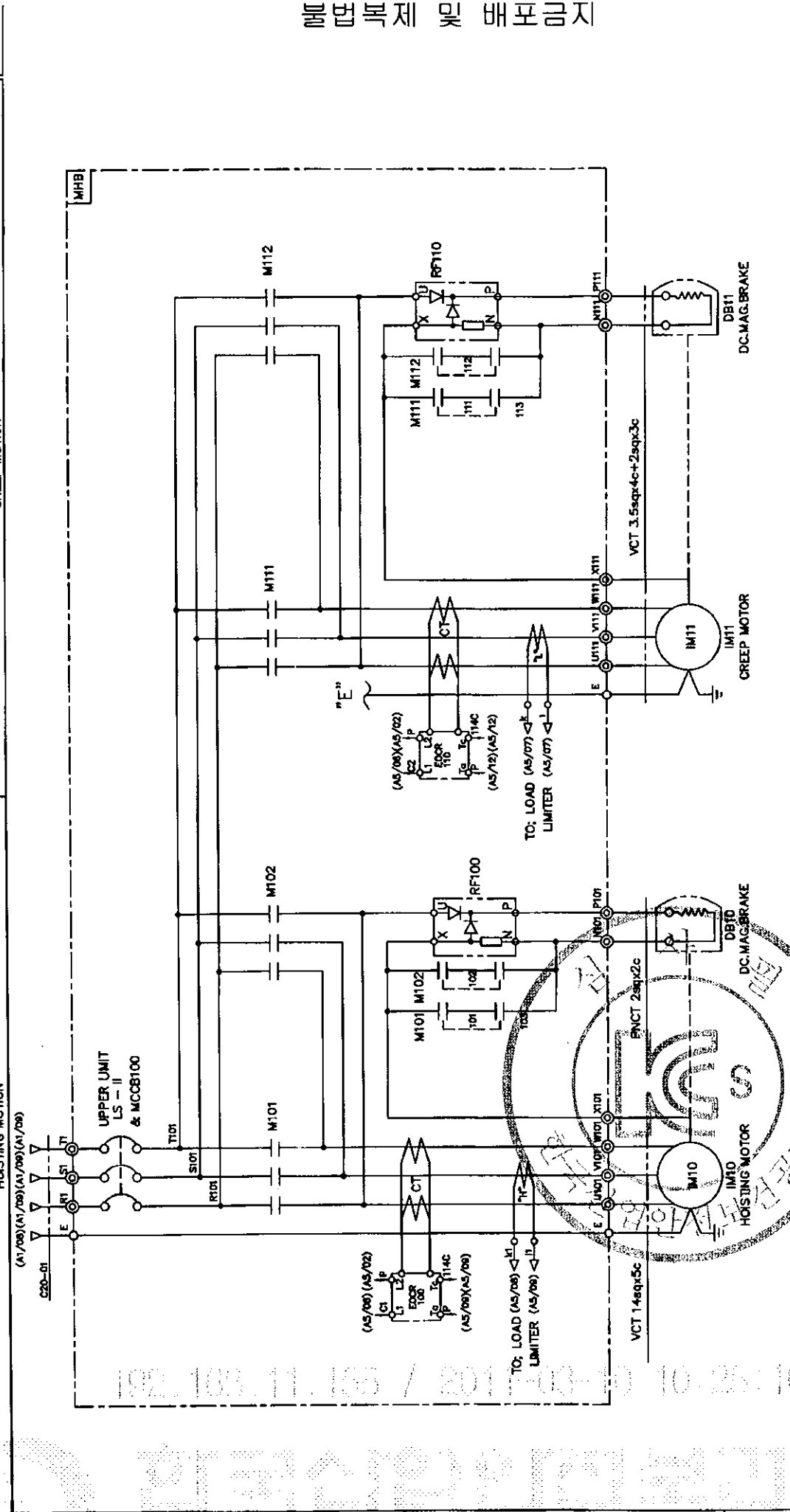


NOTE

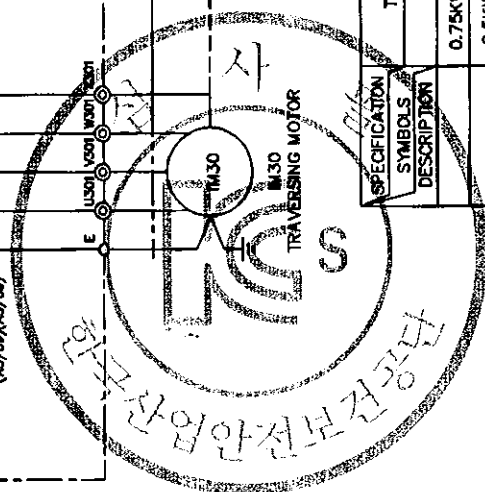
1. UPPER LIMIT LS-1의 접점 허용 전류 용량 : AC 600V/3A
2. UPPER LIMIT LS-2의 접점 허용 전류 용량 : NFB 53AF
3. EARTH TERMINAL RESISTANCE : 0.018Ω
4. POWER SOURCE : AC: 3φ 440V, 60HZ

▲																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																
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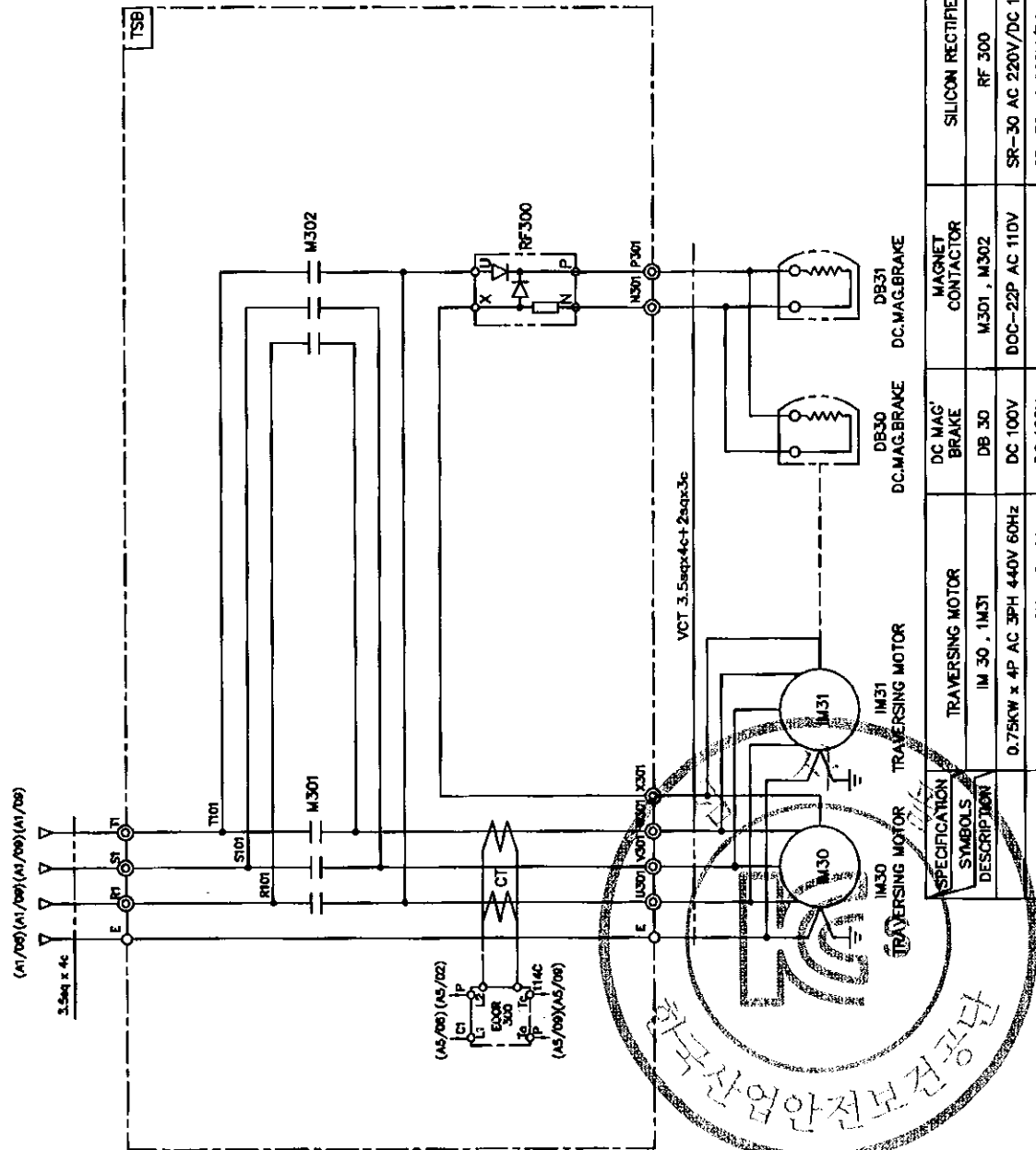
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
POWER CIRCUIT										CREEP MOTION									
HOISTING MOTION										CREEP MOTION									
KDC10E42										B1									



SPECIFICATION SYMBOLS		HOISTING POWER		CREEP POWER		DC MAG. BRAKE		NO FUSE BREAKER		TRANSFORMER		FUSE		MAGNET CONTACTOR		UPPER LIMIT		ELECTRIC OVER CURRENT RELAY		SILICON RECTIFIER		LOAD LIMITER		CABLE	
DESCRIPTION		HOIST		IM 10		IM 11		LS-II & MCCB100		TR 1		F11, F12		M101, M102		LS - II		EOCR100		RF100		LOAD LIMITER		C20-01	
SELECTION		10TON AC3PH 440V 60Hz		9KW x 8P		1.1KW x 8P		DC 100V		440/110V/200VA		2A		3A		AC 600V 3A		SS-60		SR-60		JDL-100		VCTF 14sqx4c	
MAKER		KUKDONG		KUKDONG		DEARYUK		SHINWHAN		-		-		DEARYUK		KUKDONG		ASECO		JEUNGHO		DONGIL		DONGIL	
CUSTOMER		KUKDONG		KUKDONG		KUKDONG		KUKDONG		KUKDONG		KUKDONG		KUKDONG		KUKDONG		KUKDONG		KUKDONG		KUKDONG		KUKDONG	
DRAWING TITLE		HOISTING & CREEP POWER CONTROL		HOISTING & CREEP POWER CONTROL		HOISTING & CREEP POWER CONTROL		HOISTING & CREEP POWER CONTROL		HOISTING & CREEP POWER CONTROL		HOISTING & CREEP POWER CONTROL		HOISTING & CREEP POWER CONTROL		HOISTING & CREEP POWER CONTROL		HOISTING & CREEP POWER CONTROL		HOISTING & CREEP POWER CONTROL		HOISTING & CREEP POWER CONTROL		HOISTING & CREEP POWER CONTROL	
REVISIONS		REV. 1		REV. 1		REV. 1		REV. 1		REV. 1		REV. 1		REV. 1		REV. 1		REV. 1		REV. 1		REV. 1		REV. 1	
DATE		2011-03-10		2011-03-10		2011-03-10		2011-03-10		2011-03-10		2011-03-10		2011-03-10		2011-03-10		2011-03-10		2011-03-10		2011-03-10		2011-03-10	
CHK.		APP.		CHK.		APP.		CHK.		APP.		CHK.		APP.		CHK.		APP.		CHK.		APP.		CHK.	
DWG. NO.		KDC10E42		KDC10E42		KDC10E42		KDC10E42		KDC10E42		KDC10E42		KDC10E42		KDC10E42		KDC10E42		KDC10E42		KDC10E42		KDC10E42	
ORDER NO.		KDC10E42		KDC10E42		KDC10E42		KDC10E42		KDC10E42		KDC10E42		KDC10E42		KDC10E42		KDC10E42		KDC10E42		KDC10E42		KDC10E42	

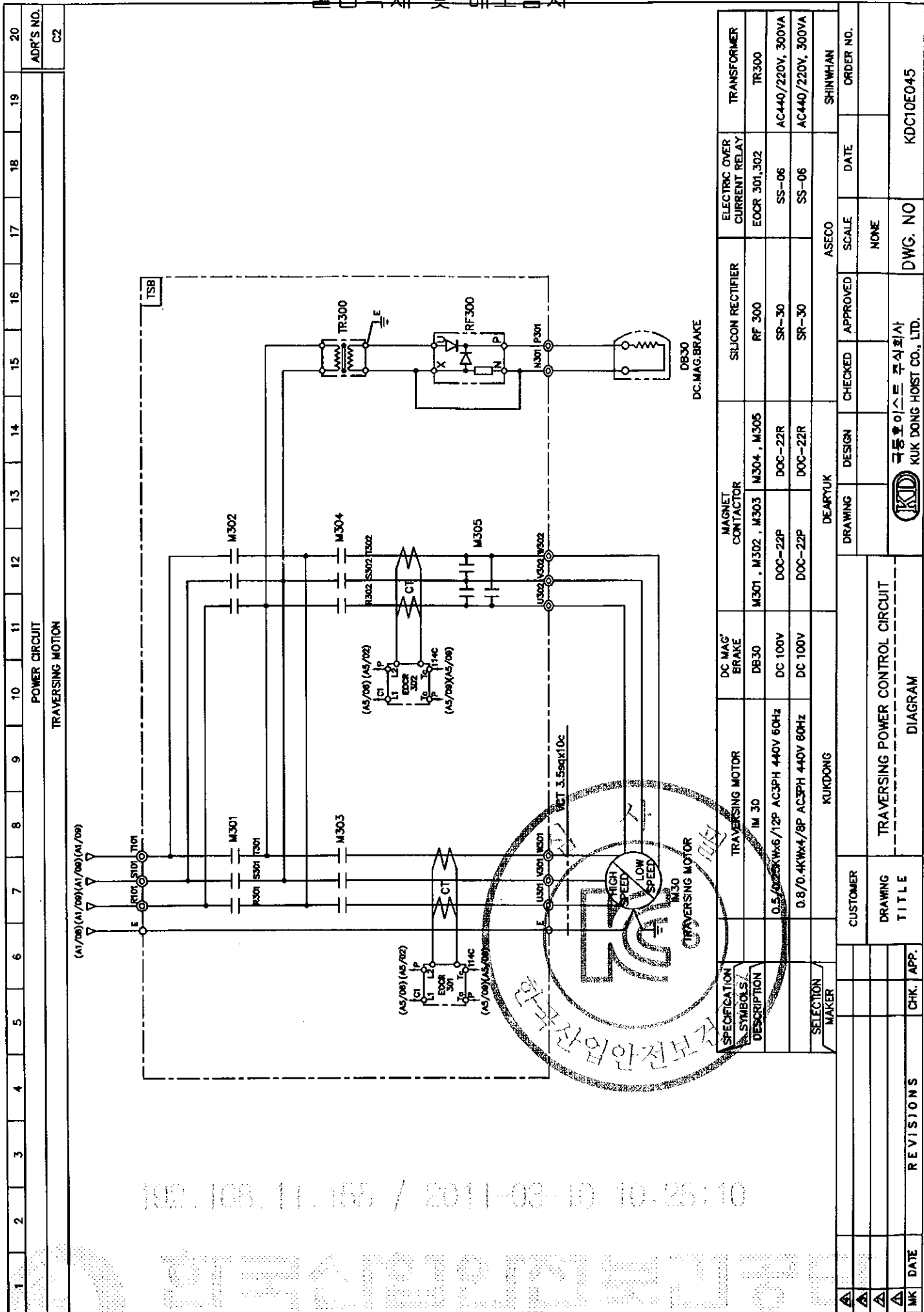
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1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
POWER CIRCUIT																			
TRAVERSING MOTION																			
ADP'S NO.																			C2



SPECIFICATION	SYMBOLS	DESCRIPTION	TRAVERSING MOTOR	DC MAG. BRAKE	MAGNET CONTACTOR	SILICON RECTIFIER	ELECTRIC OVER CURRENT RELAY	LIMIT SWITCH
	IM 30	IM 30	IM 30	DB 30	M301, M302	RF 300	EOCR 300	LS-301, LS-302
	0.75KW x 4P AC 3PH 440V 60Hz			DC 100V	DCC-22P AC 110V	SR-30 AC 220V/DC 100V	SS-30	HY - W904
	0.5KW x 6P AC 3PH 440V 60Hz			DC 100V	DCC-22 AC 110V	SR-30 AC 220V/DC 100V	SS-30	HY - W904

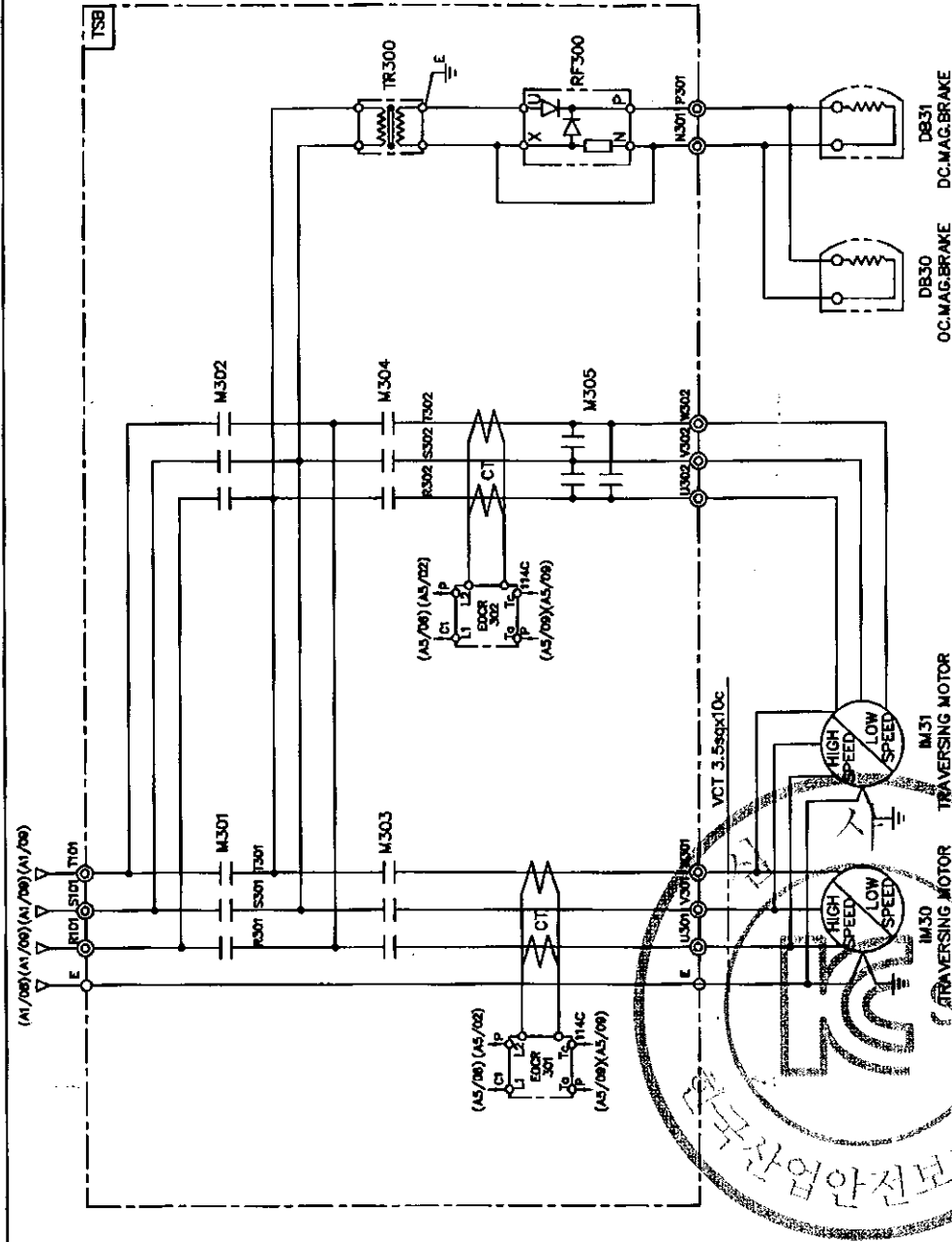
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192.168.11.155 / 2011-03-10 10:25:10

192.168.11.155 / 2011-03-10 10:25:10

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



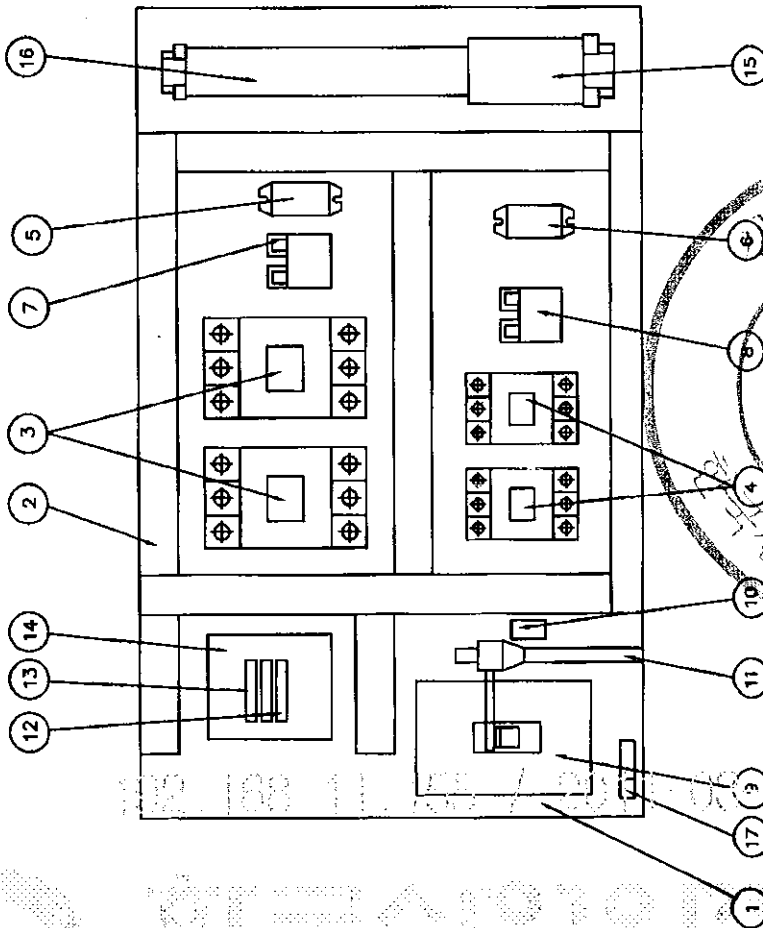
SPECIFICATION SYMBOLS		MAGNET CONTACTOR		SILICON RECTIFIER		ELECTRIC OVER CURRENT RELAY		TRANSFORMER	
TRAVERSING MOTOR		M301, M302, M303, M304, M305		RF 300		EOCR 301,302		TR300	
0.5/0.25KW/6/12P AC3PH 440V 60Hz		DOC-22P		SR-30		SS-30		AC440/220V, 300VA	
0.8/0.4KW/4/8P AC3PH 440V 60Hz		DOC-22P		SR-30		SS-30		AC440/220V, 300VA	
SELECTION MAKER		DAERYUK		ASECO		SHINWHAN			
CUSTOMER		DRAWING		DESIGN		CHECKED		APPROVED	
DRAWING TITLE		TRAVERSING POWER CONTROL CIRCUIT		SCALE		DATE		ORDER NO.	
REVISIONS		CHK. APP.		DWG. NO		KDC10E046			
DATE		KUK DONG HOIST CO., LTD.		DWG. NO		KDC10E046			

20.
ADR'S NO.

NO	DESCRIPTION	SPECIFICATION	Q'TY	REMARK
1	CHASSIS PLATE		1	아 전 도 판
2	CABLE DUCT	-	1	
3	MAGNET CONTACTOR	DOC-65P	2	HOISTING
4	MAGNET CONTACTOR	DOC-22P	2	CREEP
5	SILICON RECTIFIER	SR-60	1	HOISTING
6	SILICON RECTIFIER	SR-30	1	CREEP
7	E.O.C.R	SS-60	1	HOISTING
8	E.O.C.R	SS-30	1	CREEP
9	N.F.B	53AF/40AT	1	LS-2
10	UPPER LIMIT	AC 600V/3A	1	LS-1
11	LIMIT LEVER	SS-41	1	
12	FUSE	3 A	2	
13	FUSE	5 A	1	
14	TRANSFORMER	200VA 460V/110V,120V	1	
15	TERMINAL BLOCK	60A,25A		
16	TERMINAL BLOCK	15A		
17	EARTH TERMINAL	5x25x50	1	

NOTE 1. 전선의 색상은 다음과 같다.

- 1) 흑색 : 전원선
 - 2) 적색 : 교류제어선
 - 3) 주황색 : 직류제어선
 - 4) 녹색 또는 노색과 노랑 혼용 : 접지선
2. CABLE MATERIAL : [KIV OR EQUIVALENT
MIN SIZE : 2.0sq
3. 제어용 전선 : 2.0mm KIV,HIV
 4. 제동시 다소 변경 필요있음.
 5. 외함 기밀구조는 다음과 같을것.
- 1) 외함 개방시 충전부분이 차단되도록 할것.
 - 2) 외함 개방후 충전되어있는 부분은 IP2X 이상의 직접 접촉 방호가 되어있을것.



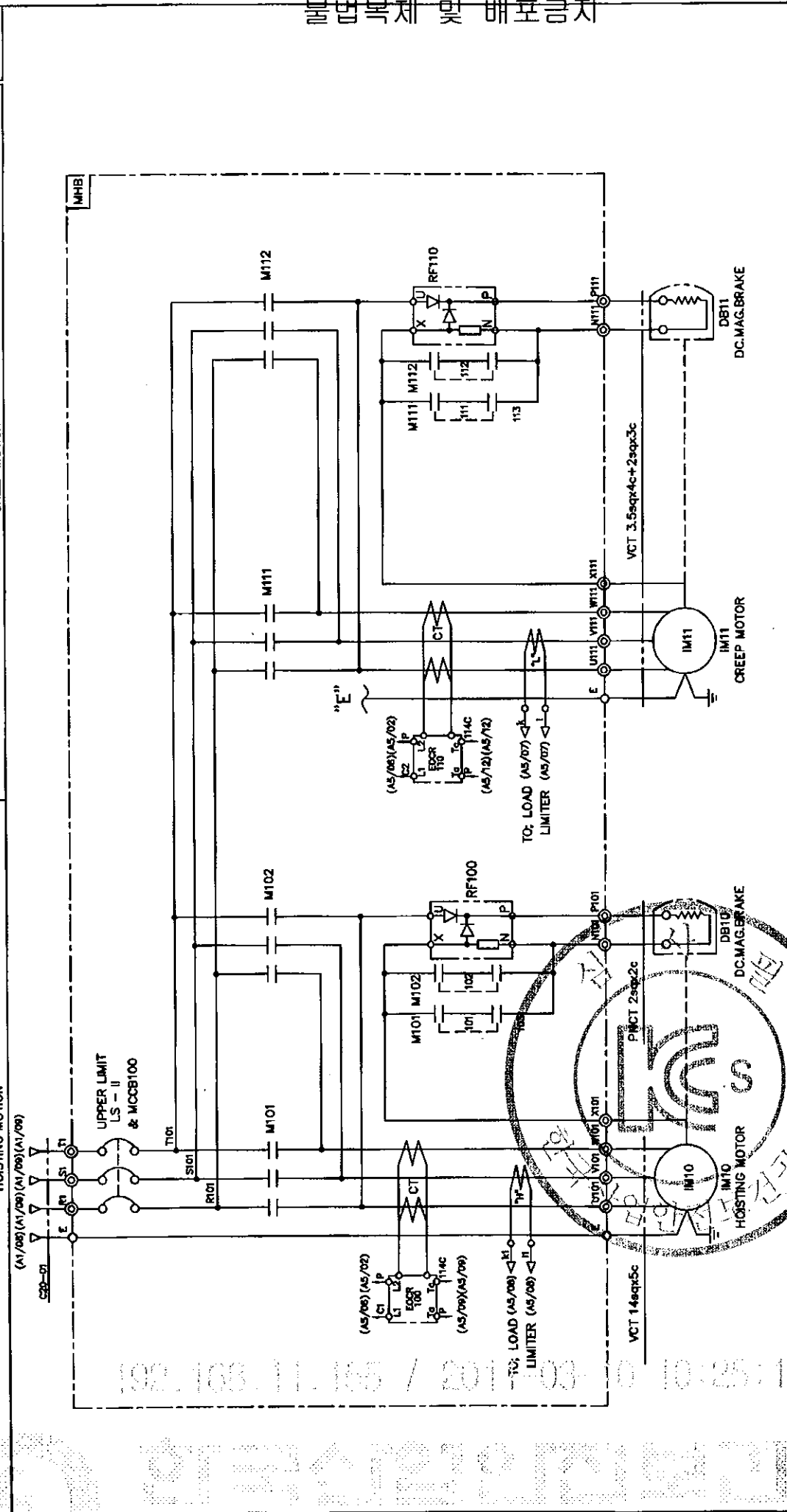
NOTE

1. UPPER LIMIT SWITCH : AC 600V/3A
2. UPPER LIMIT SWITCH : AC 600V/3A
3. EARTH TERMINAL RESISTANCE : 0.018Ω
4. POWER SOURCE : AC 3Φ 460V, 50HZ

DRAWING	DESIGN	CHECKED	APPROVED	SCALE	DATE	ORDER NO.
				NONE		
KUD KUK DONG HOIST CO., LTD.						KDC108A05
HOISTING CONTROL BOX						
ARRANGEMENT DRAWING						
CUSTOMER						
DRAWING TITLE						
REVISIONS						
DATE						
CHK. APP.						

KDC108A05

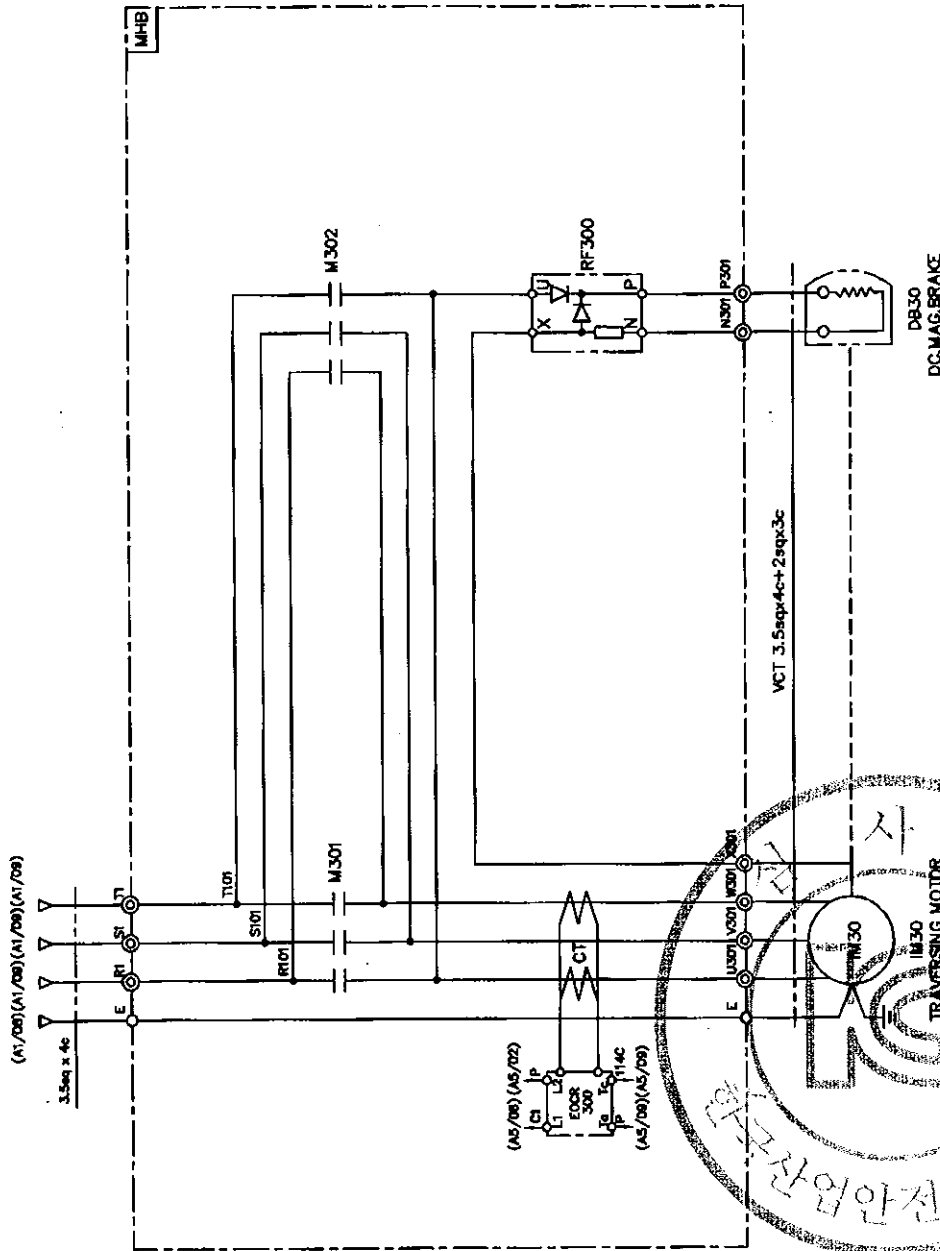
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
POWER CIRCUIT										CREEP MOTION									
HOISTING MOTION										CREEP MOTION									
ADP'S NO.										B1									



SPECIFICATION SYMBOLS	DESCRIPTION	HOISTING POWER	HOISTING MOTOR	DC MAG. BRAKE	NO FUSE BREAKER	TRANSFORMER	FUSE	MAGNET CONTACTOR	UPPER LIMIT	ELECTRIC OVER CURRENT RELAY	SILICON RECTIFIER	LOAD LIMITER	CABLE
10TON AC3PH 460V 60Hz	9KW x 8P	IM 10	IM 11	DB10, 11	LS-II & MCCB100	TR 1	F11, F12	M101, M102	LS - II	EOCR100	RF100	LOAD LIMITER	C20-01
10TON AC3PH 460V 60Hz	9KW x 8P	IM 10	IM 11	DB10, 11	DBS-53AF/40AT	460/110V, 200VA	2A	DBC-8SP	AC 800V 3A	SS-60	SR-60	JUL-100	VCTF 14sq4c
SELECTION	MAKER	KUKDONG	DEARYUK	SHINWHAN	-	-	-	-	-	-	-	-	-
DATE	REVISIONS	CHK. APP.	CUSTOMER	DRAWING TITLE	HOISTING & CREEP POWER CONTROL	CIRCUIT DIAGRAM	DWG. NO	KDC10E52	ORDER NO.	DATE	SCALE	NONE	

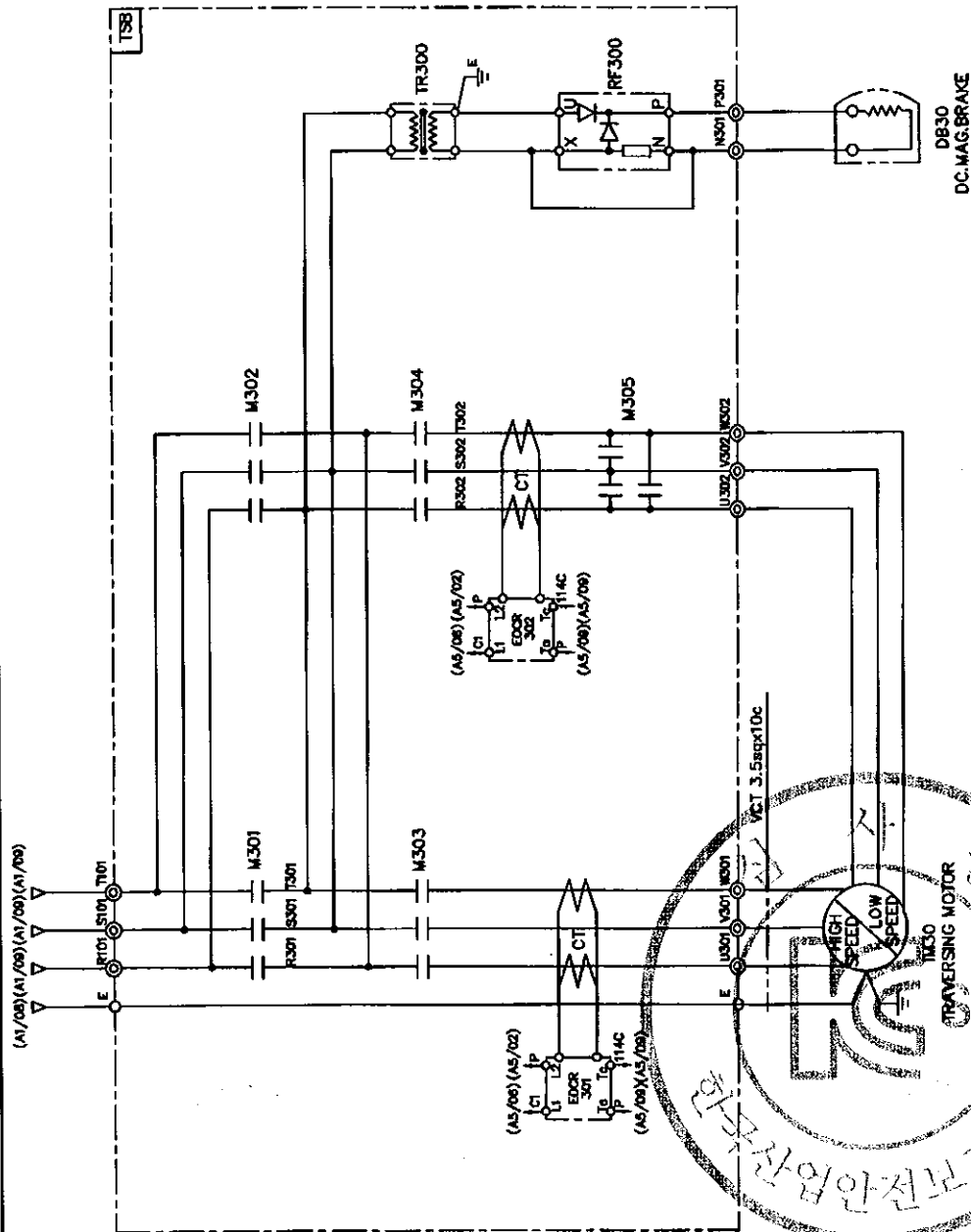
KDC10E52

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																			C1



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POWER CIRCUIT																			
TRAVERSING MOTION																			
C2																			ADR'S NO.

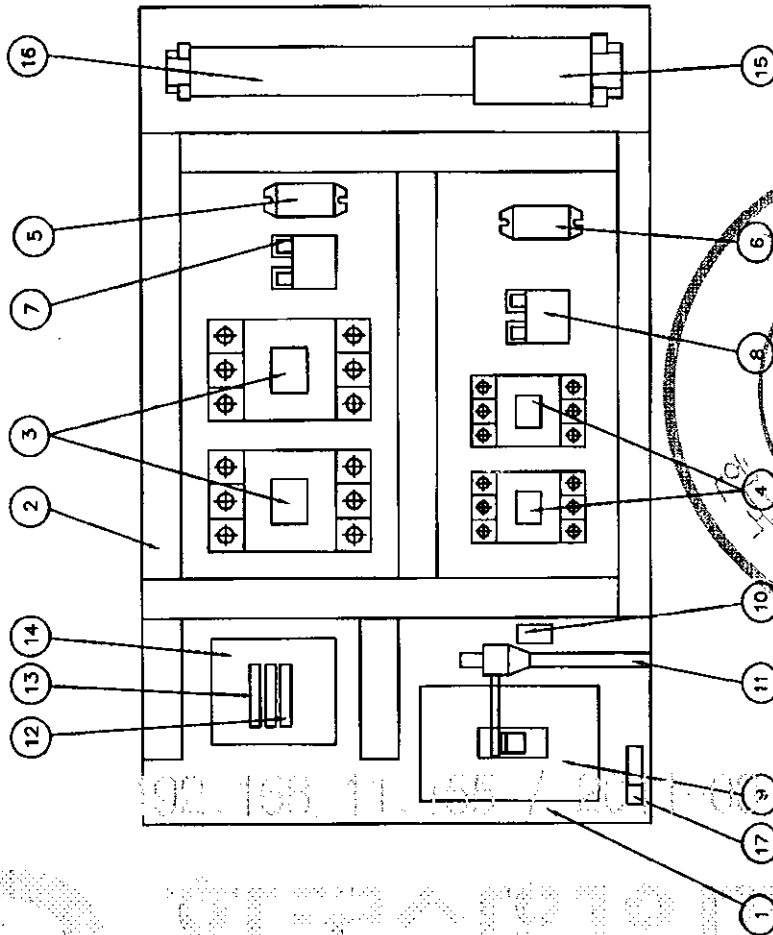


SPECIFICATION		TRAVERSING MOTOR		DC MAG' BRAKE		MAGNET CONTACTOR		SILICON RECTIFIER		ELECTRIC OVER CURRENT RELAY		TRANSFORMER	
SYMBOLS / DESCRIPTION		IM 30		DB30		M301, M302, M303		RF 300		EOCR 301,302		TR300	
		0.5/0.25Kw/12P AC3PH 460V 60Hz		DC 100V		DOC-22P		SR-30		SS-06		AC460/220V, 300VA	
		0.8/0.4Kw/4/8P AC3PH 460V 60Hz		DC 100V		DOC-22P		SR-30		SS-06		AC460/220V, 300VA	
SELECTION MAKER		KUKOONG				DEARYUK		ASECO				SHINWHAN	
CUSTOMER													
DRAWING TITLE		TRAVERSING POWER CONTROL CIRCUIT											
REVISIONS													
DATE													
CHK. APP.													
DWG. NO		KDC10E055											
ORDER NO.													

KDK KUK DONG HOIST CO., LTD.

[illegible]

NO	DESCRIPTION	SPECIFICATION	Q'TY	REMARK
1	CHASSIS PLATE		1	아 연 도 금
2	CABLE DUCT	-	1	
3	MAGNET CONTACTOR	DOC-65P	2	HOISTING
4	MAGNET CONTACTOR	DOC-22P	2	CREEP
5	SILICON RECTIFIER	SR-60	1	HOISTING
6	SILICON RECTIFIER	SR-30	1	CREEP
7	E.O.C.R	SS-60	1	HOISTING
8	E.O.C.R	SS-30	1	CREEP
9	N.F.B	53AF/40AT	1	LS-2
10	UPPER LIMIT	AC 600V/3A	1	LS-1
11	LIMIT LEVER	SS-41	1	
12	FUSE	3 A	2	
13	FUSE	5 A	1	
14	TRANSFORMER	200VA 480V/110V,120V	1	
15	TERMINAL BLOCK	60A,25A		
16	TERMINAL BLOCK	15A		
17	EARTH TERMINAL	51x25x50	1	



NOTE 1. 전선의 색상은 다음과 같다.

- 1) 흑색 : 전원선
 - 2) 적색 : 교류제어선
 - 3) 주황색 : 직류제어선
 - 4) 녹색 또는 노색과 노랑 혼용 : 접지선
2. CABLE MATERIAL : [KIV OR EQUIVALENT
MIN SIZE : 2.0sq
3. 제어용 전선 : 2.0mm KIV,HIV
 4. 제지시 디스 연결 필수있음.
 5. 외함 개방후 중전부분이 차단되도록 할것.
 - 1) 외함 개방시 중전부분이 차단되도록 할것.
 - 2) 외함 개방후 중전되어있는 부분은 IP2X 이상의 직접 접촉 방호가 되어있을것.

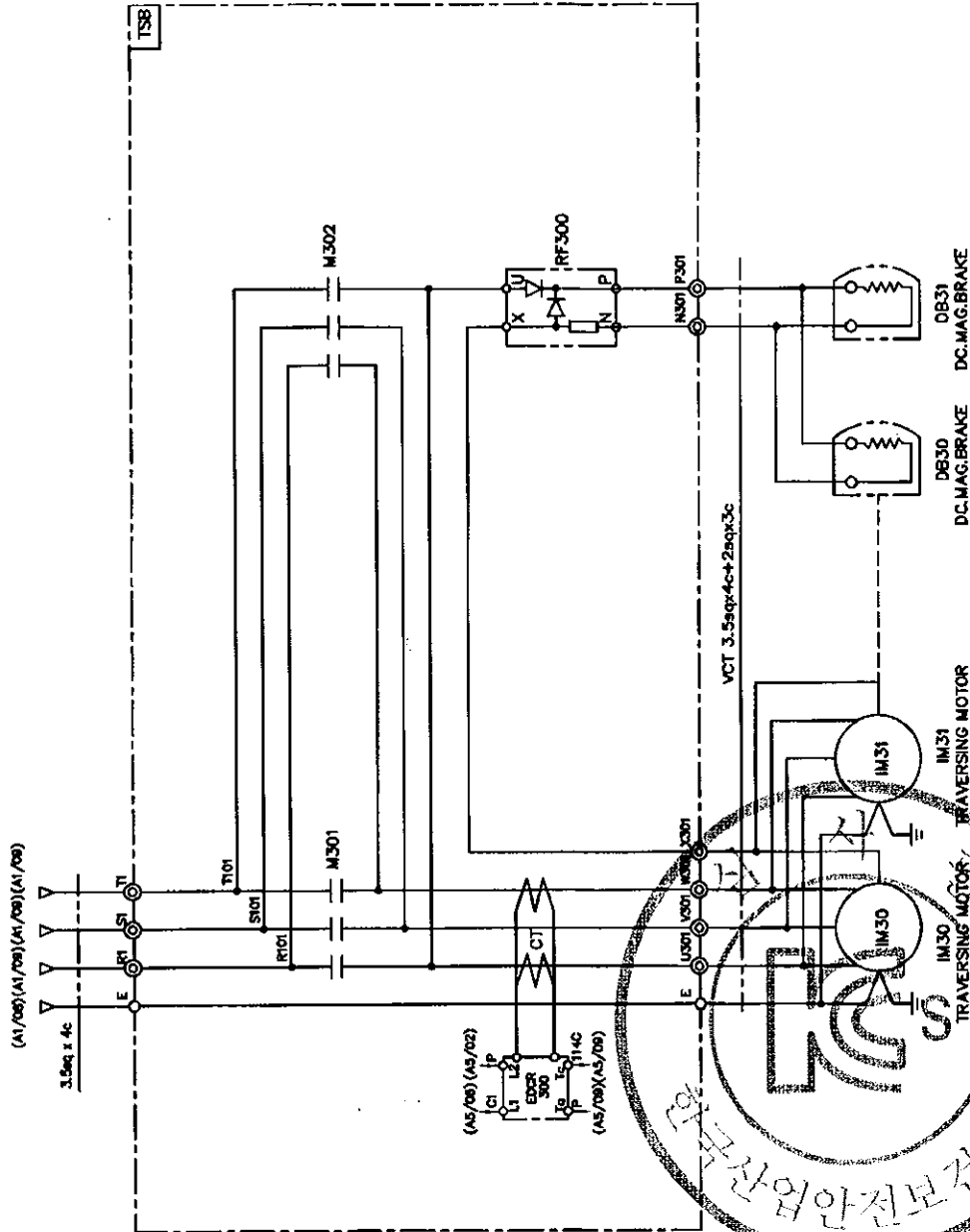
NOTE

1. UPPER LIMIT S-1의 접점 허용 전류 3A AC 600V 3A
2. UPPER LIMIT S-2의 접점 허용 전류 3A NFB 53AF
3. EARTH TERMINAL RESISTANCE : 0.018Ω
4. POWER SOURCE : AC 3φ 480V 60HZ

DRAWING	DESIGN	CHECKED	APPROVED	SCALE	DATE	ORDER NO.
HOISTING CONTROL BOX						
ARRANGEMENT DRAWING						
CUSTOMER						
DRAWING TITLE						
REVISIONS						
CHK.	APP.					
KDC10BA06						KDC10BA06

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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																			
ADP'S NO.																			C2



SPECIFICATION SYMBOLS	DESCRIPTION	TRAVERSING MOTOR	DC MAG. BRAKE	MAGNET CONTACTOR	SILICON RECTIFIER	ELECTRIC OVER CURRENT RELAY	LIMIT SWITCH
IM 30	IM 30	IM 30	DB 30	M301, M302	RF 300	EOCR 300	LS-301, LS-302
0.75KW x 4P AC 3PH 480V 60Hz		0.75KW x 4P AC 3PH 480V 60Hz	DC 100V	DOC-22P AC 110V	SR-30 AC 220V/DC 100V	SS-30	HY - W904
0.5KW x 6P AC 3PH 480V 60Hz		0.5KW x 6P AC 3PH 480V 60Hz	DC 100V	DOC-22 AC 110V	SR-30 AC 220V/DC 100V	SS-30	HY - W904
SELECTION MAKER		KUKDONG		DAEYUK		ASECO	

CUSTOMER		DRAWING	DESIGN	CHECKED	APPROVED	SCALE	DATE	ORDER NO.
						NONE		
DRAWING TITLE	TRAVERSING POWER CONTROL CIRCUIT							
	DIAGRAM							
DATE	REVISIONS	CHK.	APP.	KUKDONG HOIST CO., LTD.				
				KDC10E64				

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POWER CIRCUIT
TRAVERSING MOTION

SPECIFICATION SYMBOLS / DESCRIPTION	TRAVERSING MOTOR	DC MAG' BRAKE	MAGNET CONTACTOR	SILICON RECTIFIER	ELECTRIC OVER CURRENT RELAY	TRANSFORMER
	IM 30	DB30	M301, M302, M303	RF 300	EOCR 301, 302	TR 300
	D.5/0.25KWx6/12P AC3PH 480V 60Hz	DC 100V	DOC-22P	SR-30	SS-06	AC480/220V, 300VA
	0.8/0.4KWx4/8P AC3PH 480V 60Hz	DC 100V	DOC-22R	SR-30	SS-06	AC480/220V, 300VA

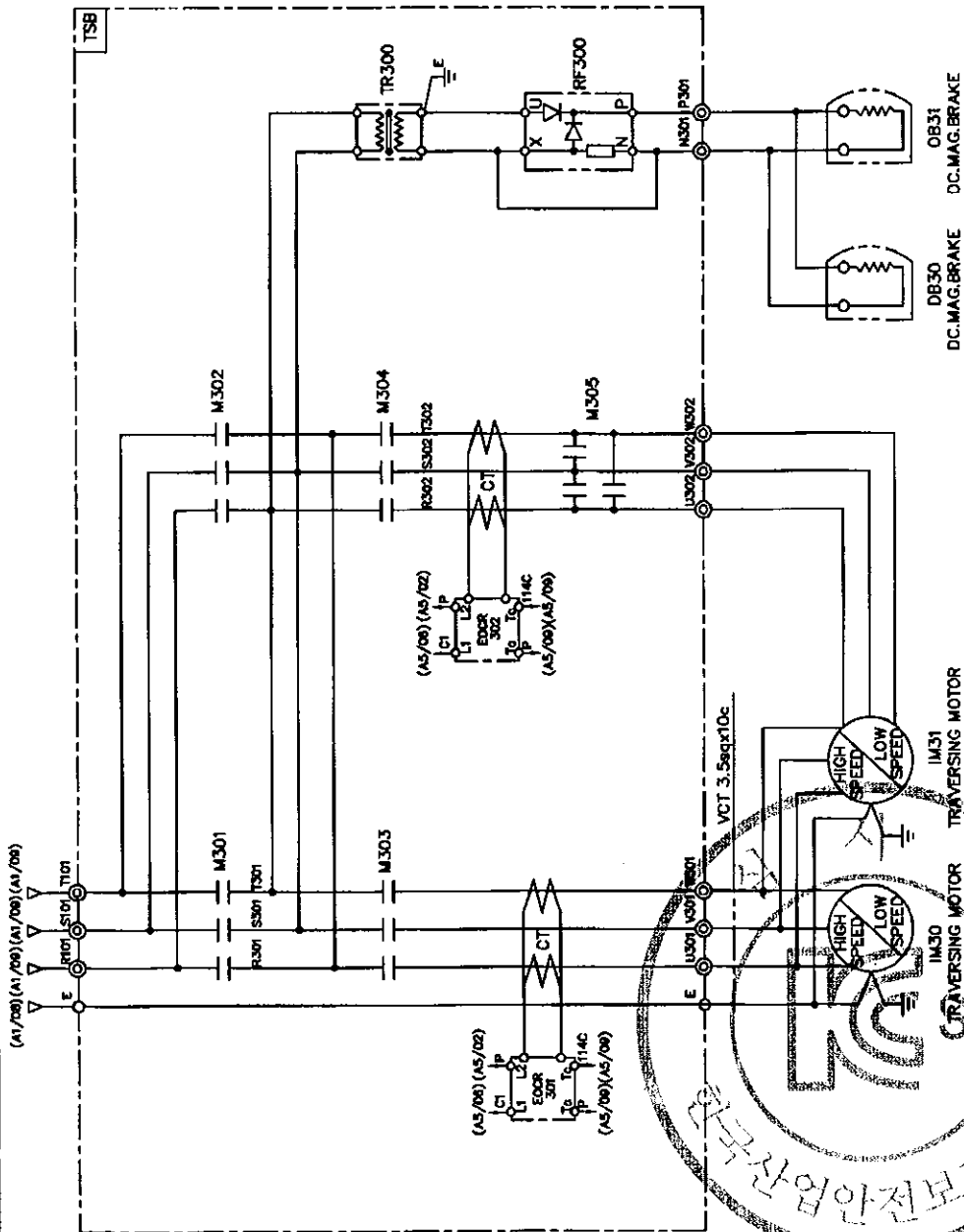
SELECTION MAKER	
CUSTOMER	KUKDONG
DRAWING TITLE	
TRAVERSING POWER CONTROL CIRCUIT	
DIAGRAM	

DEARYUK	
DRAWING	DESIGN
CHECKED	APPROVED
SCALE	NONE
DATE	
SHINWHAN	
ORDER NO.	

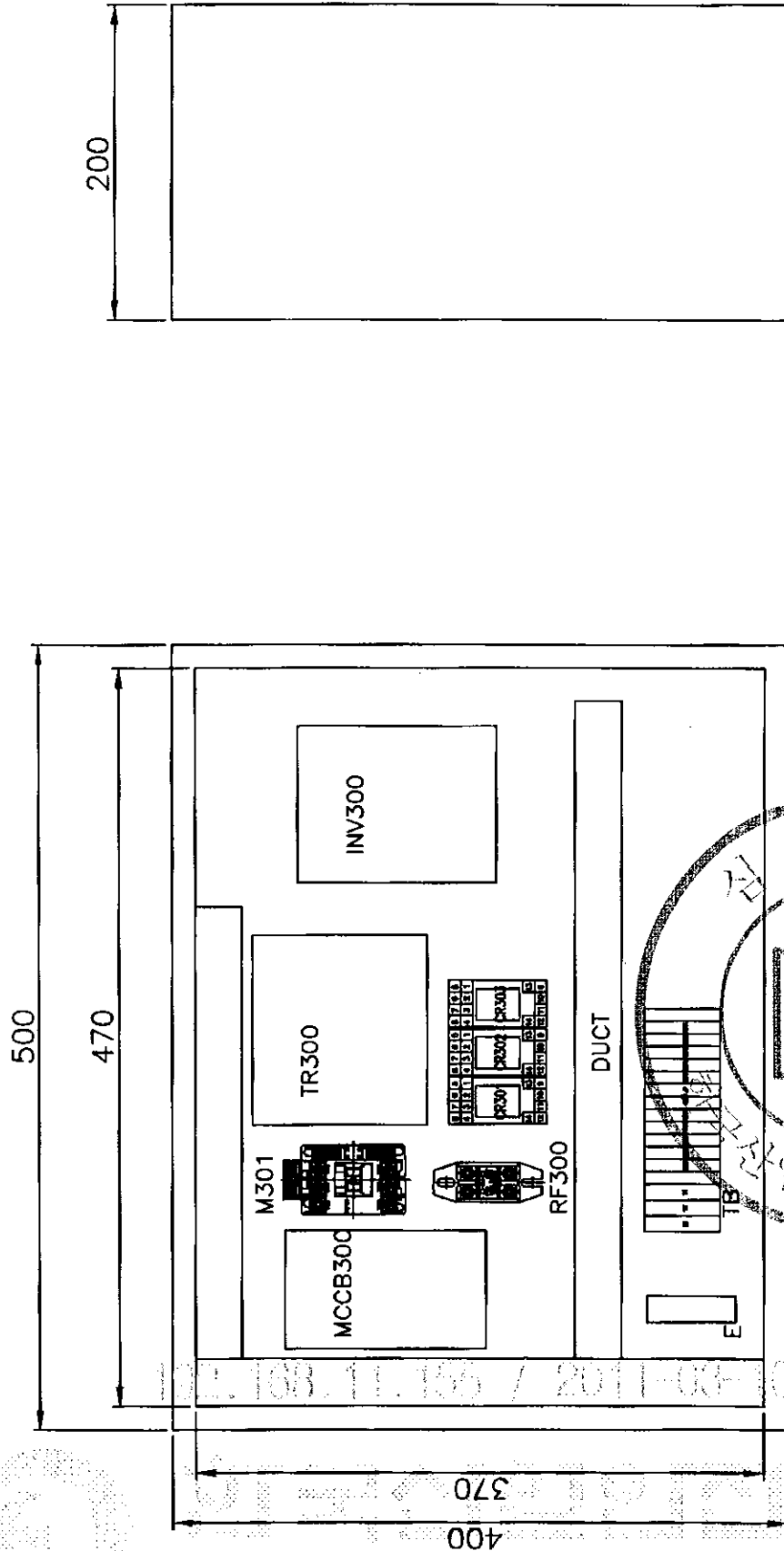
KUKDONG HOST CO., LTD.
 KUC DOONG HOST CO., LTD.

DWG.NO KDC10E065

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 SYMBOL DESCRIPTION		MAGNET CONTACTOR		ELECTRIC OVER CURRENT RELAY		TRANSFORMER	
TRAVERSING MOTOR		M301, M302, M303, M304, M305		EOCR 301, 302		TR-300	
0.5/0.25KWx6/12P AC3PH 480V 60Hz		DOC-22P		SS-30		AC480/220V, 300VA	
0.8/0.4KWx4/8P AC3PH 480V 60Hz		DOC-22P		SS-30		AC480/220V, 300VA	
SELECTION MAKER		DEARYUK		ASECO		SHINWHAN	
CUSTOMER		DRAWING		DESIGN		CHECKED	
DRAWING TITLE		TRAVERSING POWER CONTROL CIRCUIT		SCALE		DATE	
REVISIONS		DWG. NO		NONE		KDC10E066	
CHK. APP.		KUK DONG HOIST CO., LTD.		KDC10E066		KDC10E066	



2	4 ㅁ	SS400		1									
1	T/S BOX	PUR		1									
NO.	DESCRIPTION	MTL	SUB CITY	TOTAL	SUB WEIGHT(Kg)	TOTAL	REMARKS.						
PROJECT					DATE		DIM						
TITLE		T/S CONTROL PANEL(INVERTER)			SCALE		PROJECTION						
DRAWN	DESIGNED	CHECKED	APPROVED	A3/3		REF. DRAWING							
 국동호이스트 주식회사 KUK DONG HOIST CO., LTD.							SHEET No.	DWG No. KD105E1001					

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

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K05EB00

ADR'S NO.

극동 호이스트
제한하중
5000K

사용전압 : 000V
조작전압 : 110V

불법복제 및 배포금지

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'	

IN DOOR

OUT DOOR

NOTE

1.PROTECTION DEGREE ;

A. INDOOR TYPE : DUST PROOF

B. OUT DOOR TYPE : SPLASH PROOF

2.FINAL PAINTING COLOR (MANSELL NO.)

A. IN SIDE : 10B 3/5

B. OUT SIDE : 10B 3/5

3.PAINTING THICKNESS : ABOVE 40 um

4.APPLICATION VOLTAGE : 220V,380V,440V,480V,480V

5.세어용 전선 : 2.0sq KIV,HIV

6.외함 개방 구조는 다음과 같다.

1) 외함 개방시 충전 부분이 차단되도록 한다.

2) 외함 개방 후 충전되어있는 부분은 IP2X 이상의
적립 전압 방호가 되어있을것.

SELECTION	HOIST DESCRIPTION CAPACITY	IN-DOOR		OUT DOOR		REMARK
		B	L	B	L	
5 TON	NORMAL	360	170	790	360	170 810
	CREEP	360	170	790	360	170 810

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극동호이스트 주식회사
KUK DONG HOIST CO., LTD.

DRAWING	DESIGN	CHECKED	APPROVED	SCALE	DATE	ORDER NO.
				NONE		

HOISTING CONTROL BOX
LAY-OUT

극동호이스트 주식회사
KUK DONG HOIST CO., LTD.

DATE	REVISIONS	CHK.	APP.

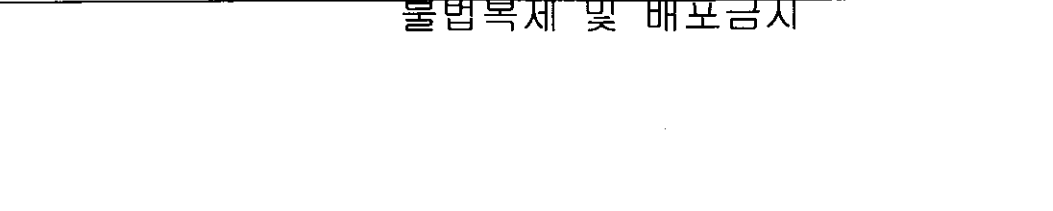
DWG. NO

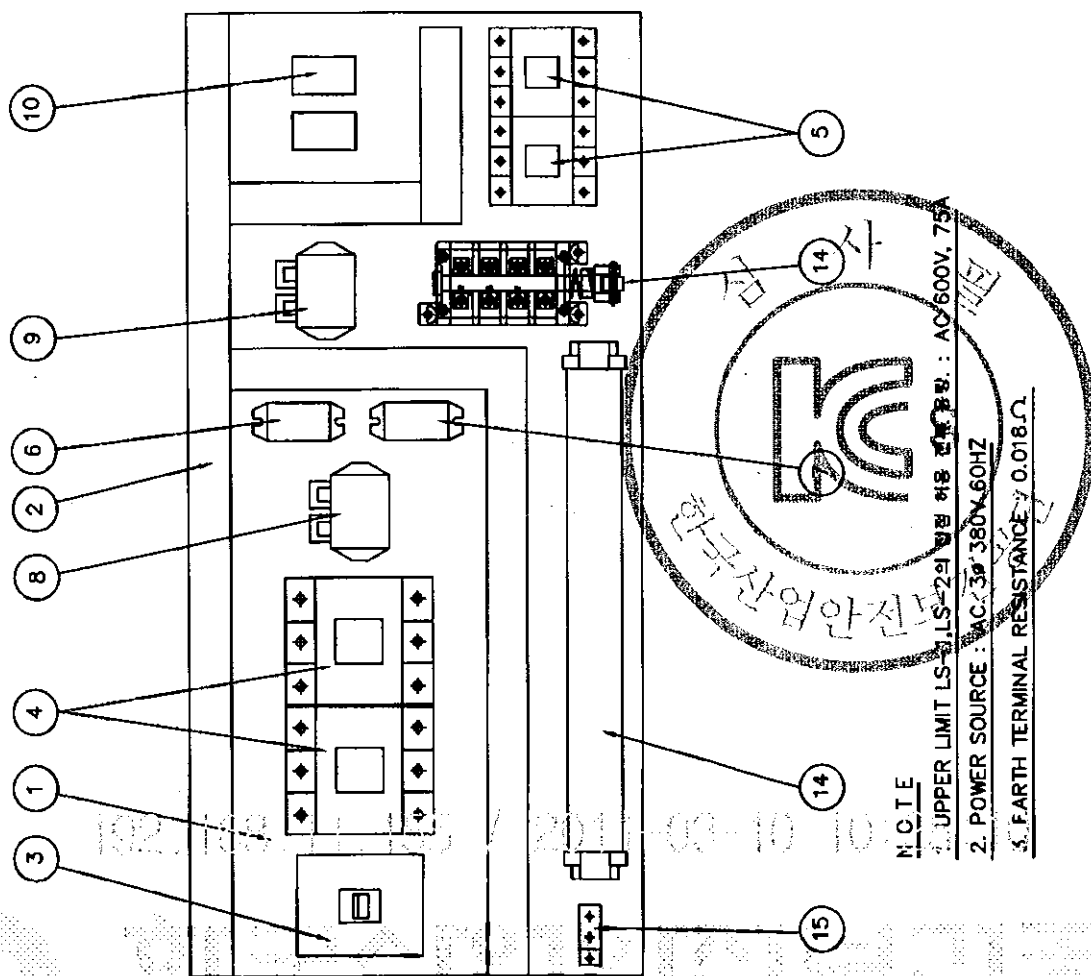
K05EB00

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KDC5BA21

HOISTING MOTION

[illegible]



NOTE 1. ଆୟର ବ୍ୟୟର ପ୍ରାଥମିକ ନିୟମ.

- 1) 흑색 : 편원선
 - 2) 적색 : 교류제어선
 - 3) 무황색 : 직류제어선
 - 4) 녹색 또는 녹색과 노랑 혼합 : 접지선
2. CABLE MATERIAL : KIV OR EQUIVALENT
 MIN SIZE : 2.0sq
3. 제어용 전선 : 2.0mm KIV, H1V
 4. 제어시 디스플레이 필요 있음.
 5. 외함 개방구조는 다음과 같을 것.
- 1) 외함 개방시 운전부분이 차단되도록 할 것.
 - 2) 외함 개방후 응집되어있는 부분은 IP2X 이상의

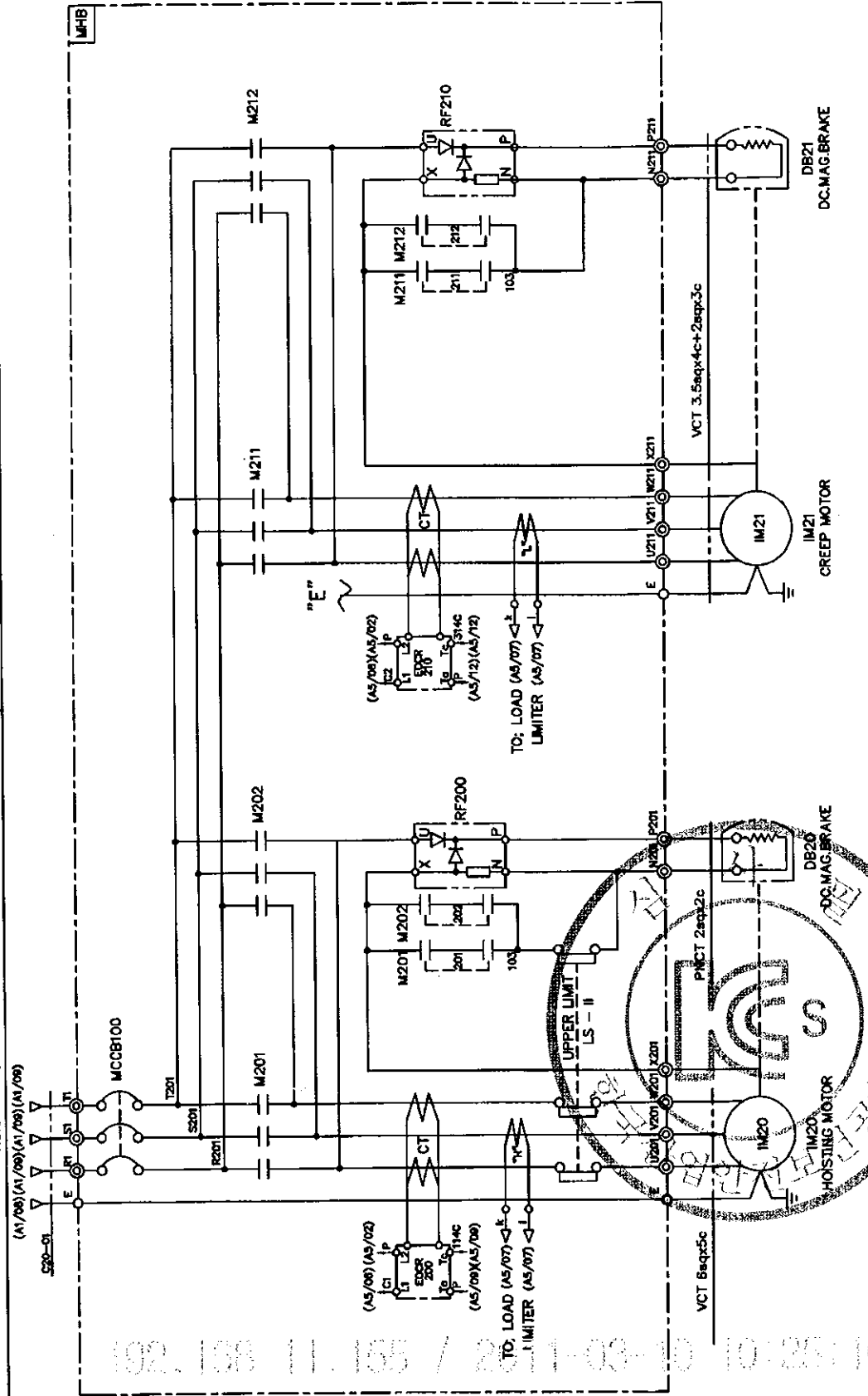
NO	DESCRIPTION	SPECIFICATION	Q'TY	REMARK
1	CHASSIS PLATE		1	아 연 도 금
2	CABLE DUCT	-	1	
3	N.F.B	33AF/30AT	1	HOISTING
4	MAGNET CONTACTOR	DOC-48P	2	HOISTING
5	MAGNET CONTACTOR	DOC-22P	2	CREEP
6	SILICON RECTIFIER	SR-60	1	HOISTING
7	SILICON RECTIFIER	SR-30	1	CREEP
8	E.O.C.R	SS-30	1	HOISTING
9	E.O.C.R	SS-05	1	CREEP
10	RELAY & SOCKET	4a4b	2	
11	UPPER LIMIT	AC 600V/75A	1	
12	TERMINAL BLOCK	60A,15A		
13	EARTH TERMINAL	3fx20x50	1	

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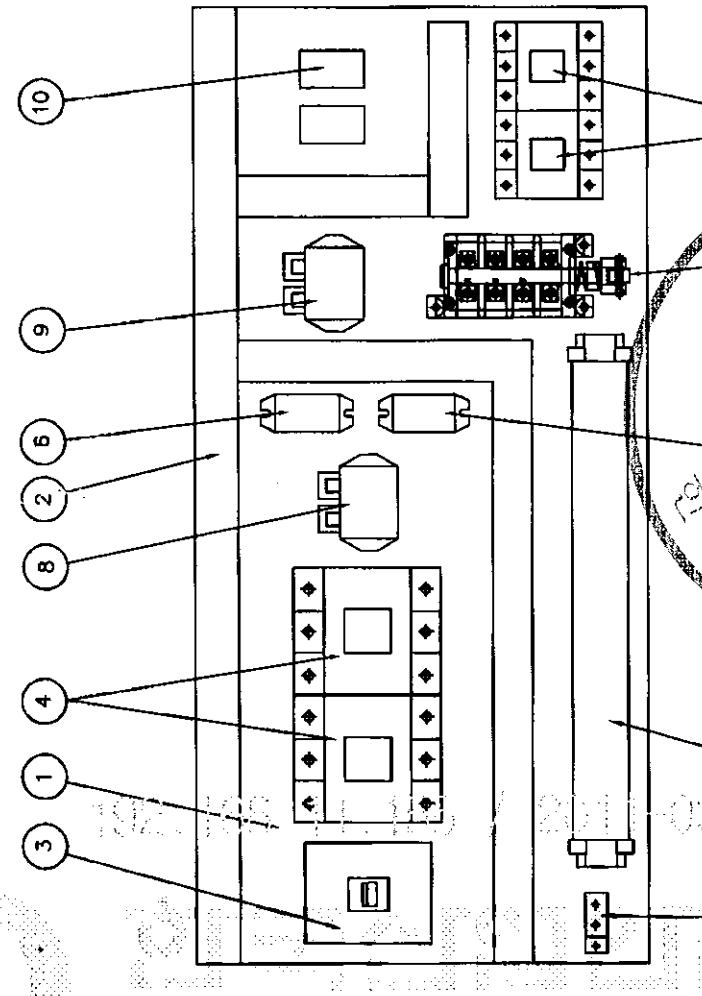
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POWER CIRCUIT																			ADR'S NO.
HOISTING MOTION																			B1

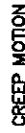
POWER CIRCUIT

HOISTING MOTION

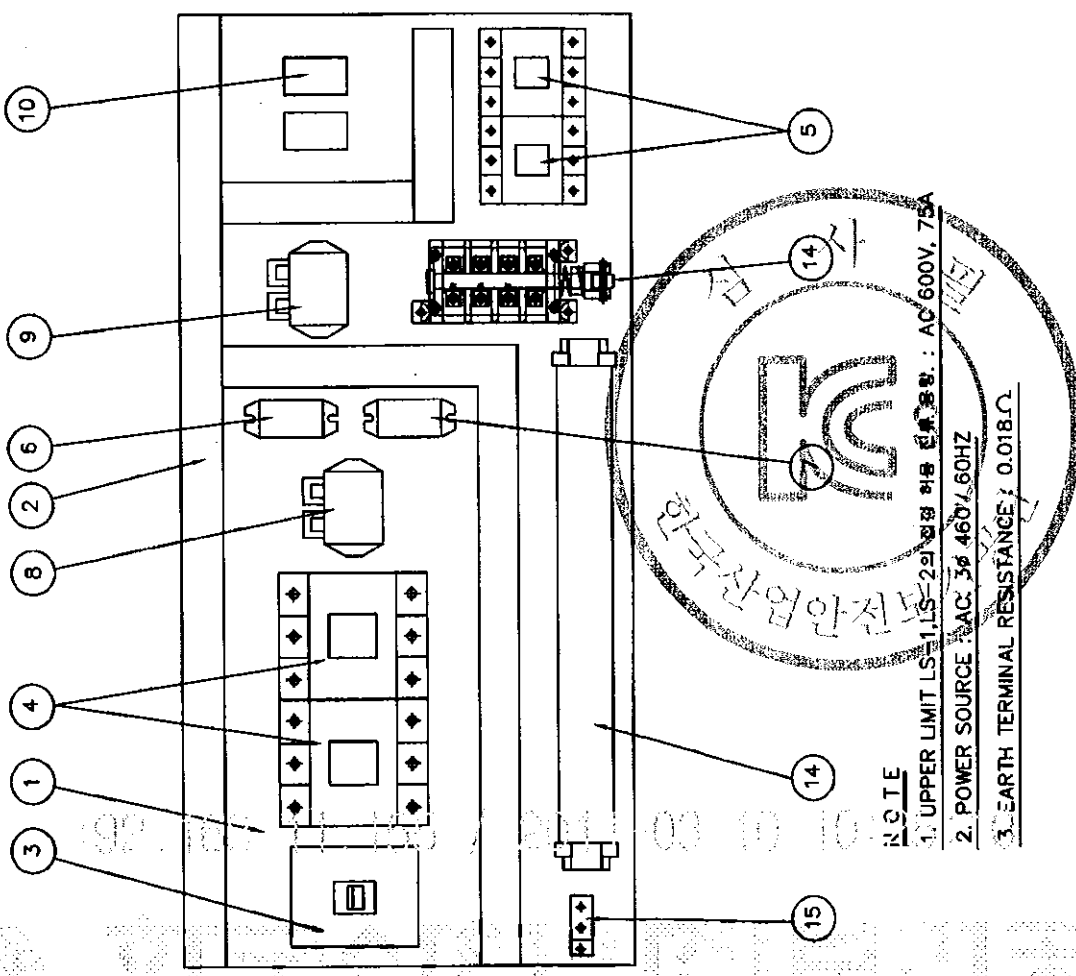


SPECIFICATION SYMBOLS				DESCRIPTION			
HOISTING POWER				5.5KW x 6P 1.0KW x 6P DC 100V			
HOISTING MOTOR				IM 20			
TRAVELING MOTOR				IM 21			
DC MAG. BRAKE				DB20, 21			
MAGNET CONTACTOR				M201, M202			
UPPER LIMIT				LS-1, LS-2			
ELECTRIC OVER CURRENT RELAY				EOCR200			
SILICON RECTIFIER				RF210			
LOAD LIMITER				JDL-100			
CABLE				C20-01			
SELECTION MAKER				ASECO			
CUSTOMER				KUKDONG			
DRAWING TITLE				HOISTING POWER & CONTROL CIRCUIT			
DATE				2011-03-10			
REVISIONS				NONE			
CHK.				KUCS			
APP.				KUCS			
DWG. NO.				KDC5E31			
ORDER NO.				KDC5E31			

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KDC5BA41																			ADR'S NO.																																																																						
																																																																																									
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<table><tr><th>NO</th><th>DESCRIPTION</th><th>SPECIFICATION</th><th>Q'TY</th><th>REMARK</th></tr><tr><td>1</td><td>CHASSIS PLATE</td><td></td><td>1</td><td>하 셉 보 급</td></tr><tr><td>2</td><td>CABLE DUCT</td><td>-</td><td>1</td><td></td></tr><tr><td>3</td><td>N.F.B</td><td>33AF/30AT</td><td>1</td><td>HOISTING</td></tr><tr><td>4</td><td>MAGNET CONTACTOR</td><td>DOC-48P</td><td>2</td><td>HOISTING</td></tr><tr><td>5</td><td>MAGNET CONTACTOR</td><td>DOC-22P</td><td>2</td><td>CREEP</td></tr><tr><td>6</td><td>SILICON RECTIFIER</td><td>SR-60</td><td>1</td><td>HOISTING</td></tr><tr><td>7</td><td>SILICON RECTIFIER</td><td>SR-30</td><td>1</td><td>CREEP</td></tr><tr><td>8</td><td>E.O.C.R</td><td>SS-30</td><td>1</td><td>HOISTING</td></tr><tr><td>9</td><td>E.O.C.R</td><td>SS-05</td><td>1</td><td>CREEP</td></tr><tr><td>10</td><td>RELAY & SOCKET</td><td>4x4b</td><td>2</td><td></td></tr><tr><td>11</td><td>UPPER LIMIT</td><td>AC 600V/75A</td><td>1</td><td></td></tr><tr><td>12</td><td>TERMINAL BLOCK</td><td>60A,15A</td><td></td><td></td></tr><tr><td>13</td><td>EARTH TERMINAL</td><td>3x20x50</td><td>1</td><td></td></tr></table>																			NO	DESCRIPTION	SPECIFICATION	Q'TY	REMARK	1	CHASSIS PLATE		1	하 셉 보 급	2	CABLE DUCT	-	1		3	N.F.B	33AF/30AT	1	HOISTING	4	MAGNET CONTACTOR	DOC-48P	2	HOISTING	5	MAGNET CONTACTOR	DOC-22P	2	CREEP	6	SILICON RECTIFIER	SR-60	1	HOISTING	7	SILICON RECTIFIER	SR-30	1	CREEP	8	E.O.C.R	SS-30	1	HOISTING	9	E.O.C.R	SS-05	1	CREEP	10	RELAY & SOCKET	4x4b	2		11	UPPER LIMIT	AC 600V/75A	1		12	TERMINAL BLOCK	60A,15A			13	EARTH TERMINAL	3x20x50	1		
NO	DESCRIPTION	SPECIFICATION	Q'TY	REMARK																																																																																					
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13	EARTH TERMINAL	3x20x50	1																																																																																						
NOTE 1. 전선의 역상은 다음과 같다. 1) 흑색 : 전선선 2) 적색 : 고압제어선 3) 주황색 : 리프트제어선 4) 녹색 또는 녹색과 노랑 혼용 : 접지선 2. CABLE MATERIAL : KIV OR EQUIVALENT MIN SIZE : 2.0sq 3. 제어용 전선 : 2.0mm KIV,HIV 4. 제작시 다소 변경 될수있음. 5. 외함 기밀구조는 다음과 같음. 1) 외함 기밀시 충전부분이 차단되도록 함. 2) 외함 기밀부 충전되어있는 부분은 IP2X 이상의 직접 접촉 방호가 되어있음.																																																																																									
DRAWING DESIGN CHECKED APPROVED SCALE DATE ORDER NO.																																																																																									
HOIST CONTROL BOX																																																																																									
ARRANGEMENT DRAWING																																																																																									
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DRAWING TITLE																																																																																									
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CHK. APP.																																																																																									
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KUK DONG HOIST CO., LTD.																			KDC5BA41																																																																						

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ADP'S NO.																			



NO	DESCRIPTION	SPECIFICATION	Q'TY	REMARK
1	CHASSIS PLATE		1	아 전 도 금
2	CABLE DUCT	-	1	
3	N.F.B	33AF/20AT	1	HOISTING
4	MAGNET CONTACTOR	DOC-48P	2	HOISTING
5	MAGNET CONTACTOR	DOC-22P	2	CREEP
6	SILICON RECTIFIER	SR-60	1	HOISTING
7	SILICON RECTIFIER	SR-30	1	CREEP
8	E.O.C.R	SS-30	1	HOISTING
9	E.O.C.R	SS-05	1	CREEP
10	RELAY & SOCKET	4a4b	2	
11	UPPER LIMIT	AC 600V/75A	1	
12	TERMINAL BLOCK	60A,15A		
13	EARTH TERMINAL	3t×20x50	1	

NOTE 1. 전선의 색상은 다음과 같다.

- 1) 흑색 : 전원선
- 2) 적색 : 교류제어선
- 3) 파랑색 : 직류제어선
- 4) 녹색 또는 노색과 노랑 혼용 : 접지선

2. CABLE MATERIAL : KIV OR EQUIVALENT

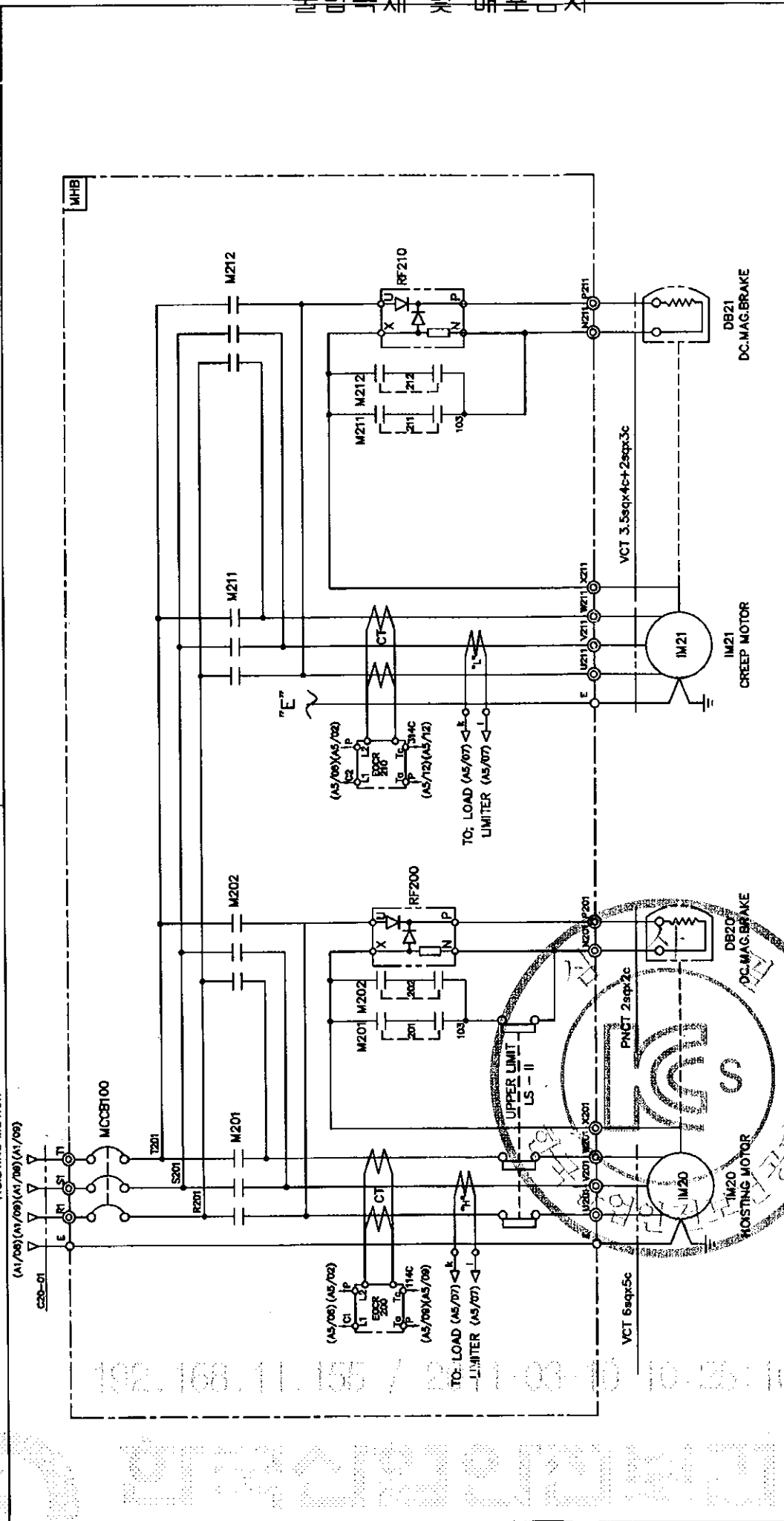
3. 제어용 전선 : 2.0mm KIV/HIV MIN SIZE : 2.0sq
4. 계측시 디스 연결 필수있음.
5. 외함 개방구조는 다음과 같을것.

- 1) 외함 개방시 용전부분이 차단되도록 할것.
- 2) 외함 개방후 충전되어있는 부분은 IP2X 이상의 직접 접촉 방호가 되어있을것.

DRAWING	DESIGN	CHECKED	APPROVED	SCALE	DATE	ORDER NO.
HOIST CONTROL BOX						
ARRANGEMENT DRAWING						
KUD KUK DONG HOIST CO., LTD.						KDC5BA51
DWG. NO						
DATE	REVISIONS	CHK	APP			

KDC5BA51

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
POWER CIRCUIT										CREEP MOTION									
HOISTING MOTION										CREEP MOTION									
MCCB100										MHB									
C20-01										B1									
ADR'S NO.										B1									



SPECIFICATION SYMBOLS		HOISTING POWER		HOISTING MOTOR		TRAVELING MOTOR		DC MAG. BRAKE		MAGNET CONTACTOR		UPPER LIMIT		ELECTRIC OVER CURRENT RELAY		SILICON RECTIFIER		LOAD LIMITER		CABLE	
DESCRIPTION		HOST		IM 20		IM 21		DB20, 21		M201, M202		LS-1, LS-2		EOCR200		RF200		LOAD LIMITER		C20-01	
5TON AC 3PH 480V 60Hz				5.5KW x 6P		1.0KW x 6P		DC 100V		DOC-48P		DOC-22P		AC 600V 75A		SS-30		SR-60		VCT 8sqx4c	
SELECTION MAKER		KUDONG								DARYUK		KUDONG		ASECO		JEUNGHO		DONGIL			
CUSTOMER										DRAWING		DESIGN		CHECKED		APPROVED		SCALE		DATE	
DRAWING TITLE		HOISTING POWER & CONTROL CIRCUIT																			
REVISIONS																					
DATE																					
CHK. APP.																					
DWG. NO																					
KDC5E51																					
KUDONG HOIST CO., LTD.																					
KDC5E51																					

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NO	DESCRIPTION	SPECIFICATION	Q'TY	REMARK
1	CHASSIS PLATE		1	아 연 도 금
2	CABLE DUCT	-	1	
3	N.F.B	33AF/20AT	1	HOISTING
4	MAGNET CONTACTOR	DOC-48P	2	HOISTING
5	MAGNET CONTACTOR	DOC-22P	2	CREEP
6	SILICON RECTIFIER	SR-60	1	HOISTING
7	SILICON RECTIFIER	SR-30	1	CREEP
8	E.O.C.R	SS-30	1	HOISTING
9	E.O.C.R	SS-05	1	CREEP
10	RELAY & SOCKET	4a4b	2	
11	UPPER LIMIT	AC 600V/75A	1	
12	TERMINAL BLOCK	60A,15A		
13	EARTH TERMINAL	31x20x50	1	

NOTE 1. 전선의 색상은 다음과 같다.

- 1) कथः : एवमपि
- 2) अथः : एवमपि
- 3) अथः : एवमपि
- 4) अथः : एवमपि

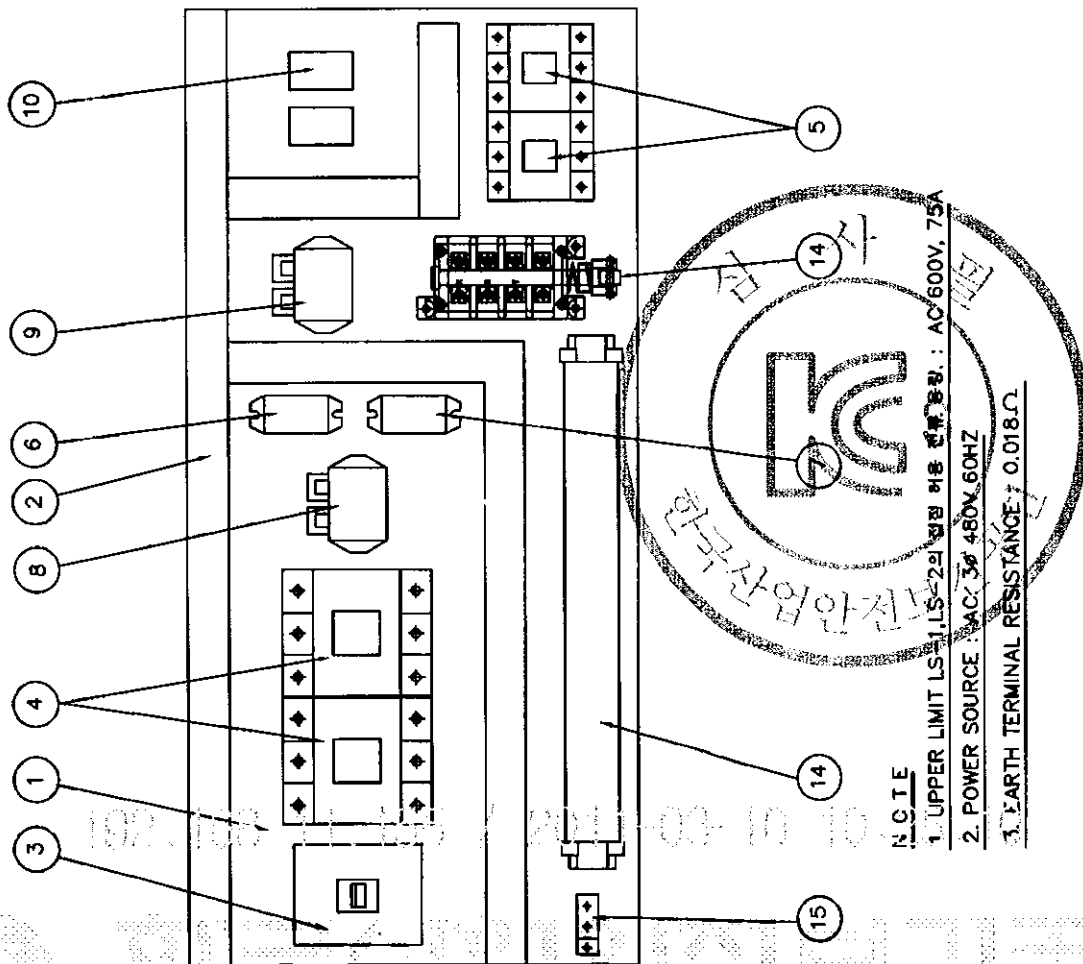
2. CABLE MATERIAL: 7 KIV OR EQUIVALENT

MIN SIZE : 2.0sq

3. 제어용 전선 : 2.0mm KLV

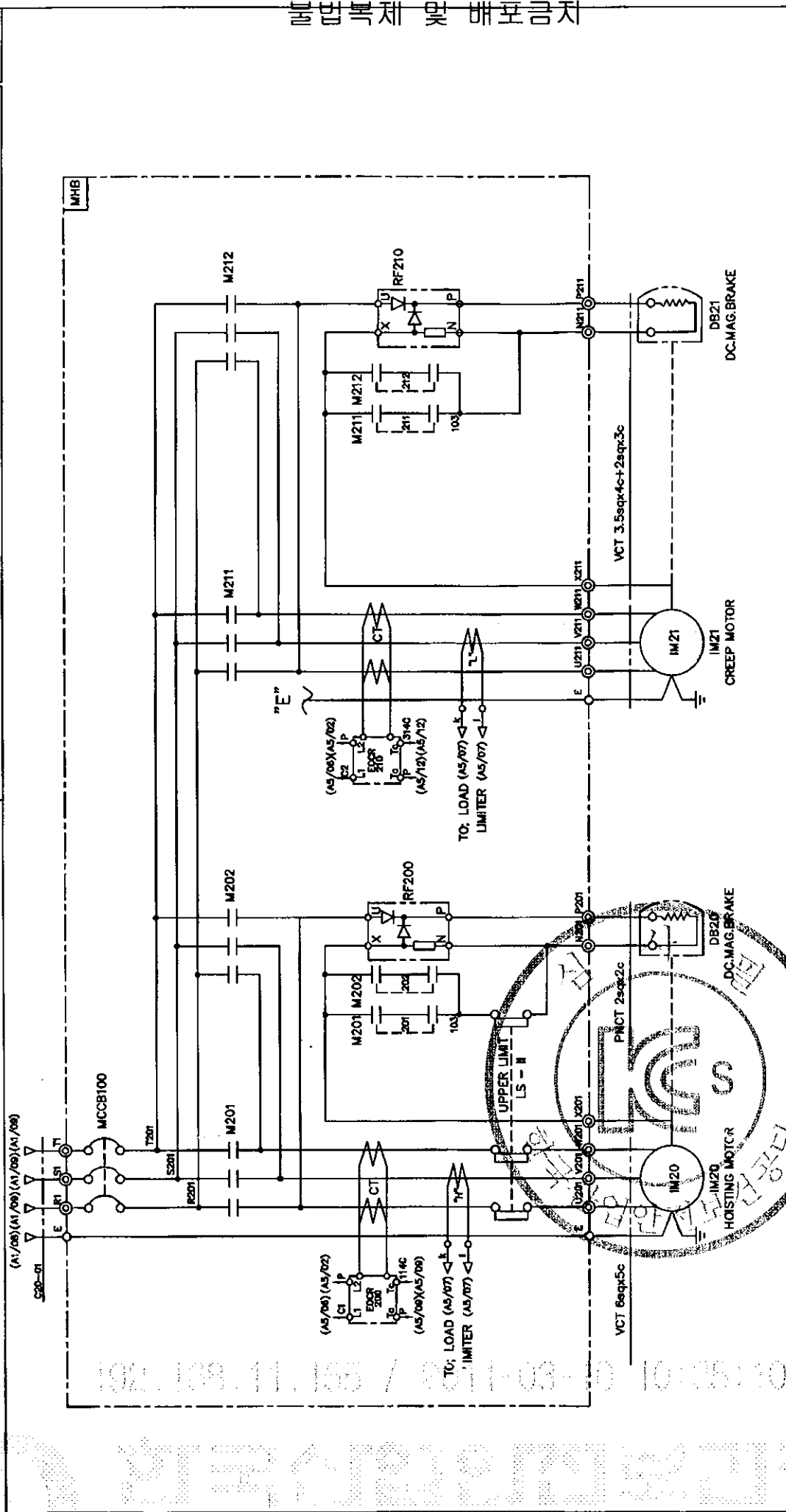
4. 제주시 다소 민정 협수있음.
5. 외항 기업구조는 다용과 강용전

- 1) 외양 기형시 흉전부분이 치단되도록 할것.
- 2) 외양 기형후 흉전되어있는 부분은 IP2X 이상의 직접 전속 방호가 되어있을것.

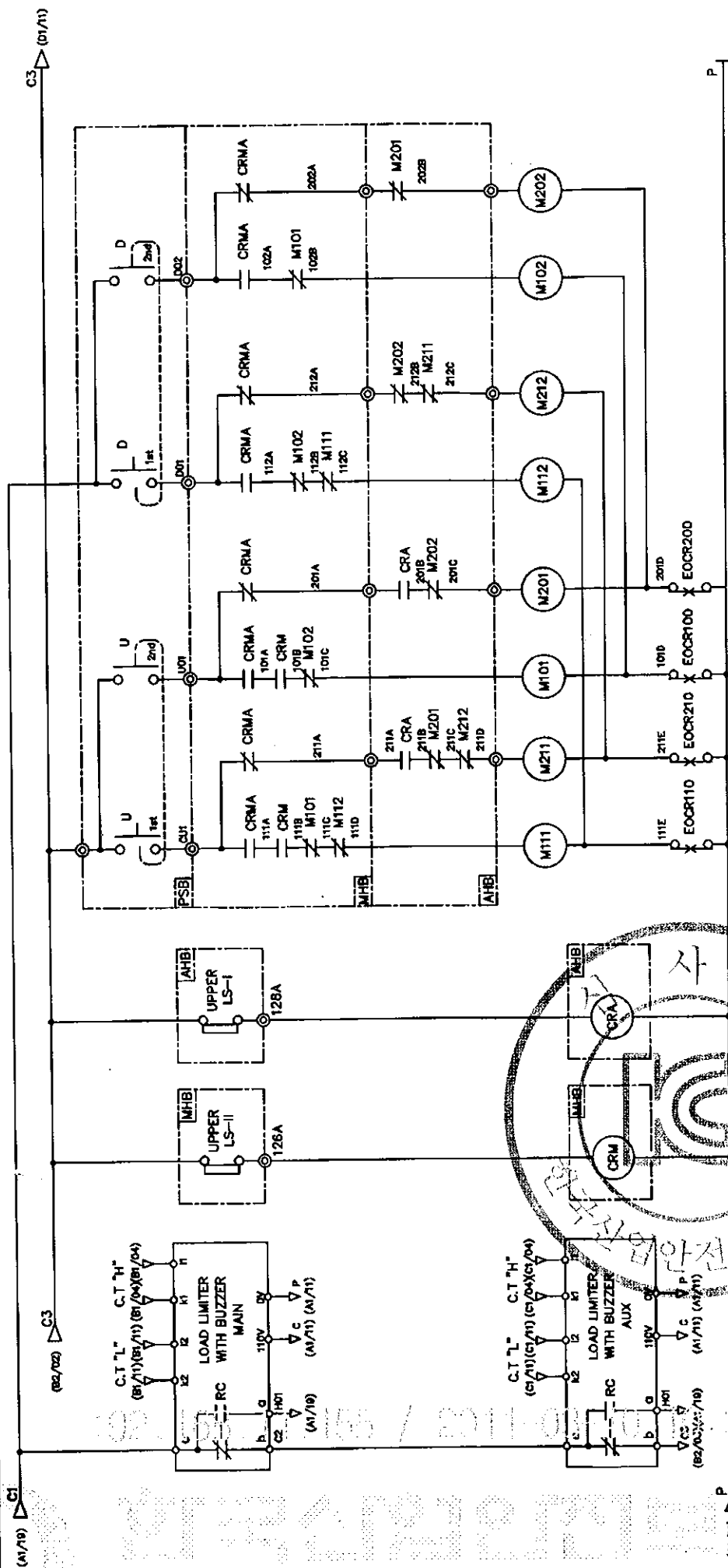


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HOISTING MOTION										CREEP MOTION									
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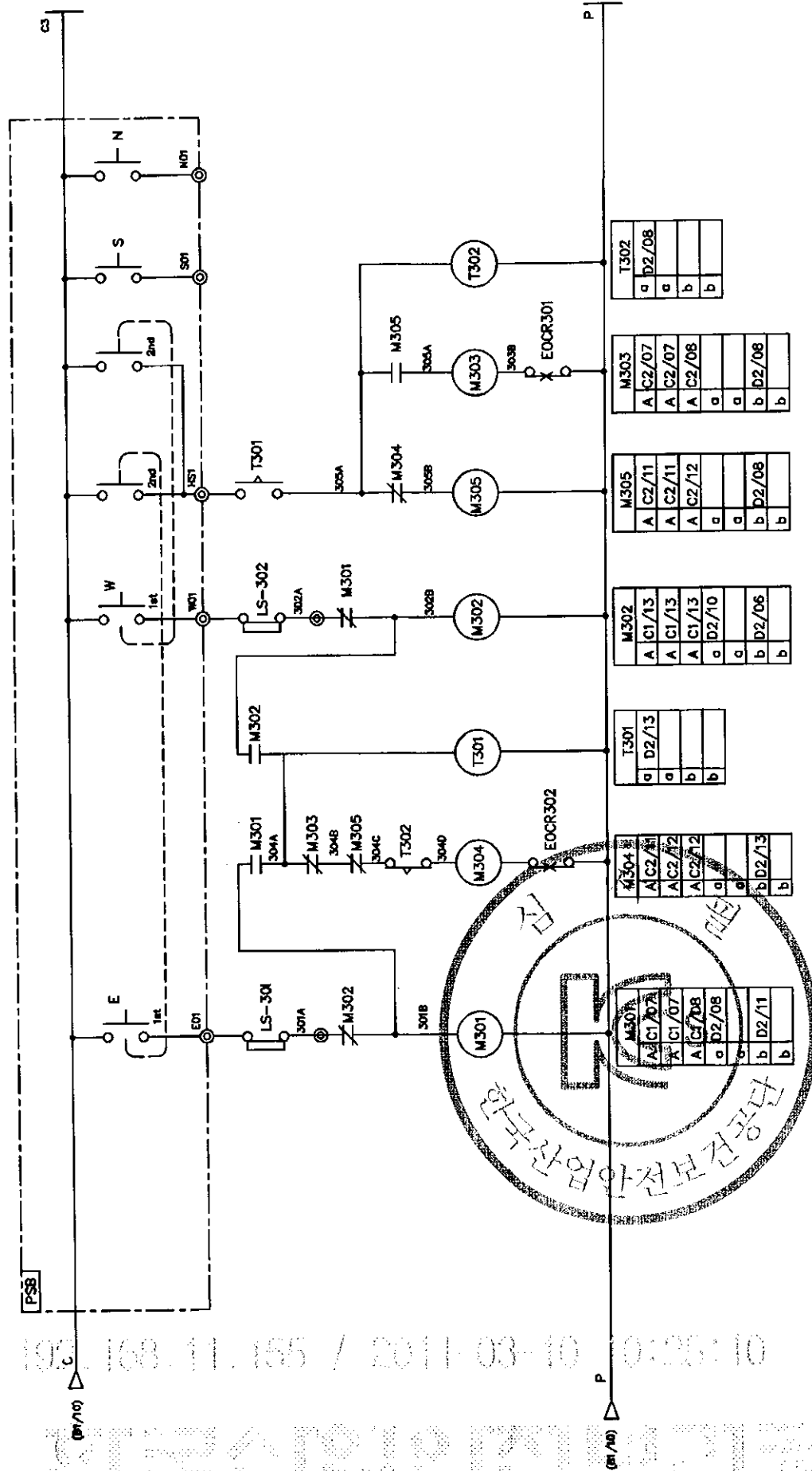
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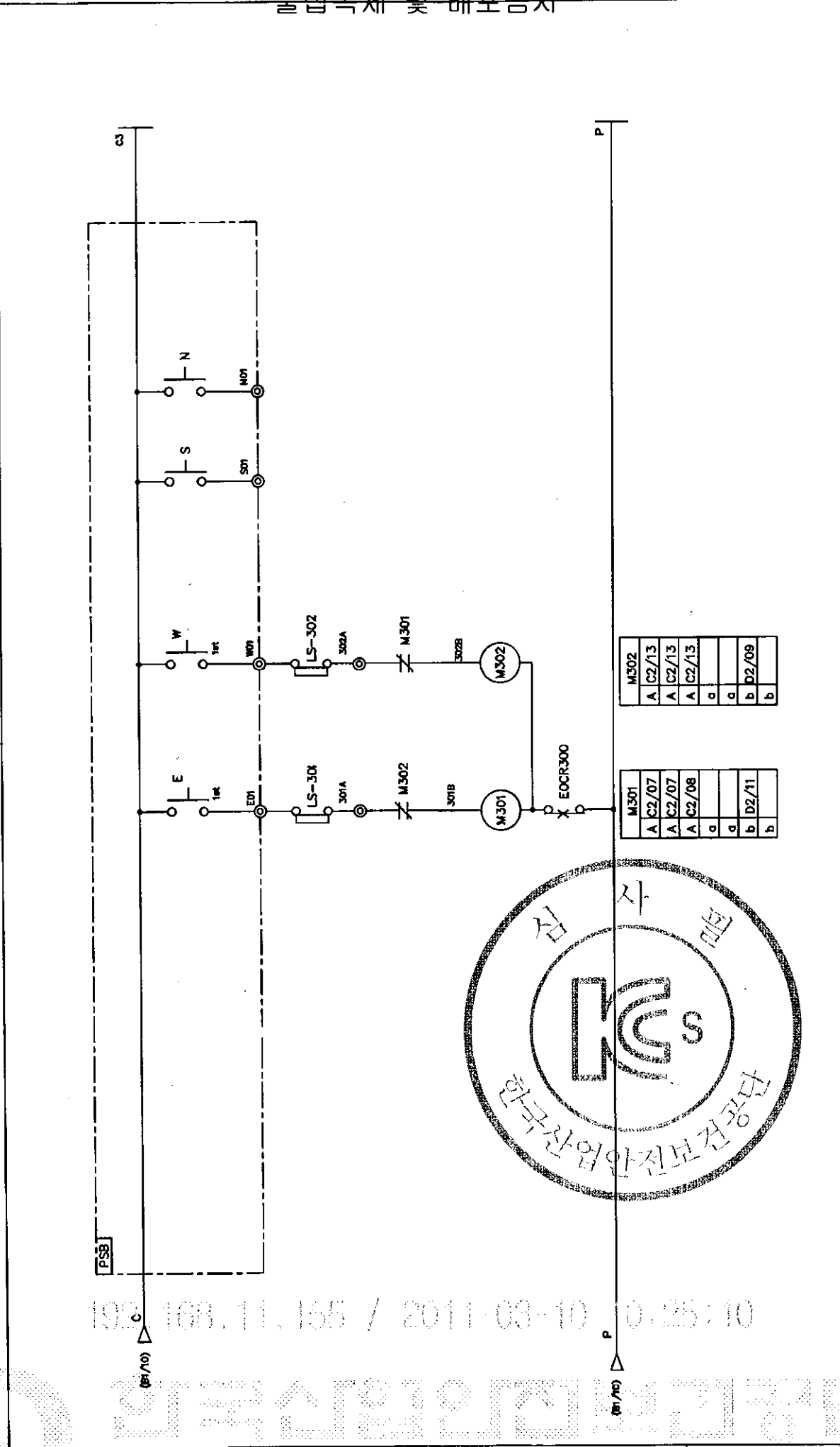
M-211		M-201		M-112		M-212		M-102		M-202	
A	C1/12	A	C1/05	A	B1/16	A	C1/16	A	B1/08	A	C1/08
A	C1/12	A	C1/05	A	B1/16	A	C1/16	A	B1/08	A	C1/08
A	C1/12	A	C1/05	A	B1/16	A	C1/16	A	B1/08	A	C1/08
A	C1/15	A	C1/07	A	B1/16	A	C1/16	A	B1/08	A	C1/08
A	C1/15	A	C1/07	A	B1/16	A	C1/16	A	B1/08	A	C1/08
A	B2/15	A	B2/11	A	B2/10	A	B2/11	A	B2/12	A	B2/13
A	B2/15	A	B2/18	A	B2/10	A	B2/11	A	B2/14	A	B2/15

CRM	CRM
g B2/10	g B2/11
o B2/12	o B2/13
o B2/14	o
o	o

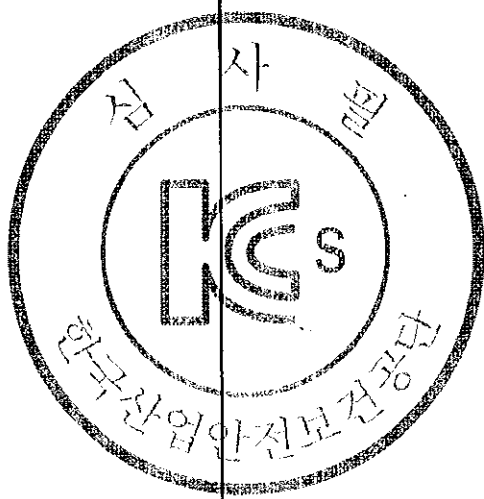
[illegible]

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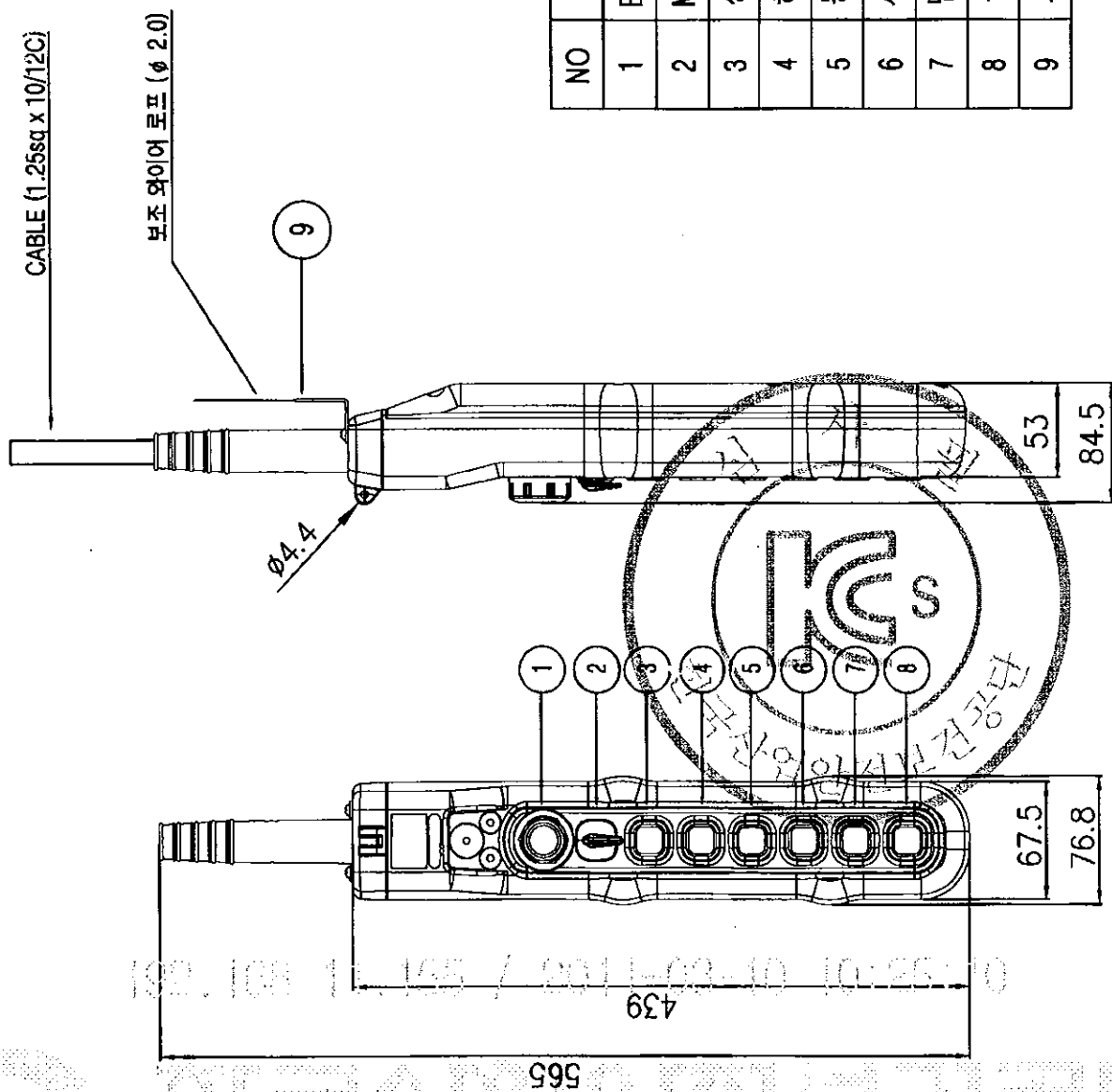
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
EAST										CONTROL CIRCUIT									
WEST										NORTH									
SOUTH										D2									



M301	A	C2/07	a	b
M302	A	C2/13	a	b
M301	A	C2/08	a	b
M302	A	C2/13	a	b
M301	A	C2/07	a	b
M302	A	C2/13	a	b



DATE		REVISIONS		CHK.		APP.	
Δ		Δ		Δ		Δ	
Δ		Δ		Δ		Δ	
Δ		Δ		Δ		Δ	
CUSTOMER				DRAWING TITLE			
				MAIN CREEP HOISTING POWER CIRCUIT			
DRAWING				DESIGN			
CHECKED				APPROVED			
SCALE				NONE			
DATE				DWG. NO			
				KDC105E007			
ORDER NO.				KDC105E007			



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

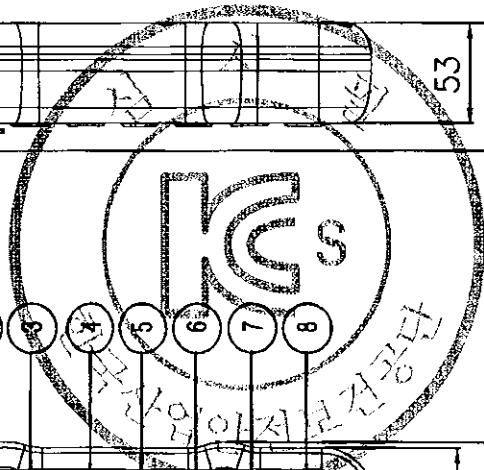
- * MATERIAL : POLYCARBOBATE(PLASTIC)
- * BODY COLOR : YELLOW, BLACK
- * IP : 55 이상

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

A	MK	DATE	REVISIONS	CHK.	APP.	DRAWING TITLE	CUSTOMER	DRAWING	DESIGN	CHECKED	APPROVED	SCALE	DATE	
								PENDANT PUSH BUTTON SWITCH						
								LAY OUT						
								KD	KUK DONG HOIST CO., LTD.		DWG. NO	KDC105 - 005		

192.168.11.155 / 2011-03-10 10:25:10

192.168.11.155 / 2011-03-10 10:25:10



					CUSTOMER		DRAWING	DESIGN	CHECKED	APPROVED	SCALE	DATE
A					DRAWING TITLE	PENDANT PUSH BUTTON SWITCH						
A						LAY OUT						
A												
MK	DATE	REVISIONS	CHK.	APP.	KDK KUK DONG HOIST CO., LTD.	DWG. NO	KDC105 - 006					

LOAD LIMITER 권고 SETTING치

* POWER SOURCE : AC 3Φ 220V 60Hz

국동호이스트(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	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 숫자는 권고 SETTING 수치이며 MOTOR의 특성 및 현장 조건에 따라 변경 가능함.

LOAD LIMITER 권고 SETTING치

극동하이스트(주)

* POWER SOURCE : AC 3Φ 380V 60Hz

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

국동호이스트(주)

* POWER SOURCE : AC 3Φ 440V 60Hz

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	5.1 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

극동하이스트(주)

* POWER SOURCE : AC 3Φ 460V 60Hz

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	4.5 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

극동하이스트(주)

* POWER SOURCE : AC 3Φ 480V 60Hz

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	4.2 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

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

극동호이스트(주)

* POWER SOURCE : AC 3Φ 380V 60Hz

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
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 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 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	
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

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 460V 60Hz

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	1.4 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	1.4 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	3.80 A	1 DRAVE	SS-05	3 SEC	1 SEC	3.80 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

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	4.6 A	1 DRAVE	SS-30	3 SEC	1 SEC	4.6 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	7.3 A	1 DRAVE	SS-30	3 SEC	1 SEC	7.3 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	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	

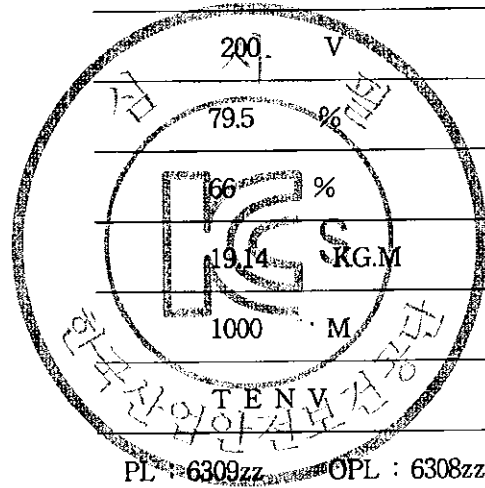
NOTE

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

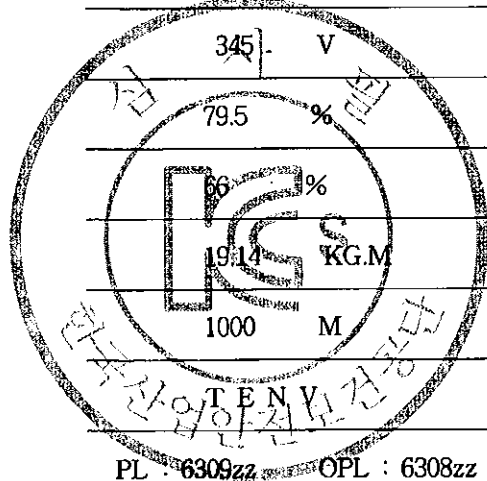
1. SERVICE	HOISTING
2. MANUFACTURE	극동호이스트 (주)
3. FRAME NUMBER	160 L
4. RATED POWER	9.0 KW x 8 P
5. RATED VOLTAGE AND FREQUENCY	220 V 60 Hz
6. MOTOR TYPE	SQUIRREL CAGE ROTOR TYPE
7. SERVICE FACTOR AND RATTING	1.0 , 30 MIN
8. LOCATION AND INSULATION CLASS	INDOOR, OUTDOOR, B CLASS
9. DESIGN TRMPERATURE RISE(BY RESISTANCE)	80 ℃
10. FULL LOAD SPEED	846 RPM
11. FULL LOAD CURRENT	45 A
12. LOCKED ROTOR CURRENT	214.2 A
13. MINIMUM STARTING VOLTAGE	200 V
14. EFFICIENCY AT 100% RATED LOAD	79.5 %
15. POWER FACTOR AT 100% RATED LOAD	66 %
16. STARTING TORQUE	19.14 KG.M
17. SITE ALTTITUDE(UNDER)	1000 M
18. ENCLOSURE & COOLING METHOD	TENV
19. TYPE OF BEARING	PL : 6309zz OPL : 6308zz
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	160 L
4. RATED POWER	9.0 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	846 RPM
11. FULL LOAD CURRENT	26 A
12. LOCKED ROTOR CURRENT	123.8 A
13. MINIMUM STARTING VOLTAGE	345 V
14. EFFICIENCY AT 100% RATED LOAD	79.5 %
15. POWER FACTOR AT 100% RATED LOAD	66 %
16. STARTING TORQUE	19.14 KG.M
17. SITE ALTTITUDE(UNDER)	1000 M
18. ENCLOSURE & COOLING METHOD	TENV
19. TYPE OF BEARING	PL : 6309zz OPL : 6308zz
20. MOUNTING	HORIZONTAL
21. MAXIMUM AMBIENT TEMPURE	40 ℃
22. BEARING LUBRICATION	GREASE
23. STARTING METHOD	FULL VOLTAGE



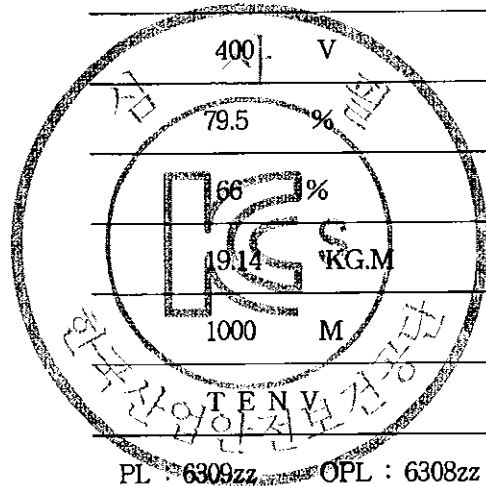
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THREE PHASE INDUCTION MOTOR DATE SHEET

SCHEDULE OF TECHNICAL DATA

1. SERVICE	HOISTING
2. MANUFACTURE	극동호이스트 (주)
3. FRAME NUMBER	160 L
4. RATED POWER	9.0 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 °C
10. FULL LOAD SPEED	846 RPM
11. FULL LOAD CURRENT	22.5 A
12. LOCKED ROTOR CURRENT	107.1 A
13. MINIMUM STARTING VOLTAGE	400 V
14. EFFICIENCY AT 100% RATED LOAD	79.5 %
15. POWER FACTOR AT 100% RATED LOAD	66 %
16. STARTING TORQUE	19.14 KGM
17. SITE ALTITUDE(UNDER)	1000 M
18. ENCLOSURE & COOLING METHOD	TENV
19. TYPE OF BEARING	PL : 6308zz OPL : 6308zz
20. MOUNTING	HORIZONTAL
21. MAXIMUM AMBIENT TEMPURE	40 °C
22. BEARING LUBRICATION	GREASE
23. STARTING METHOD	FULL VOLTAGE

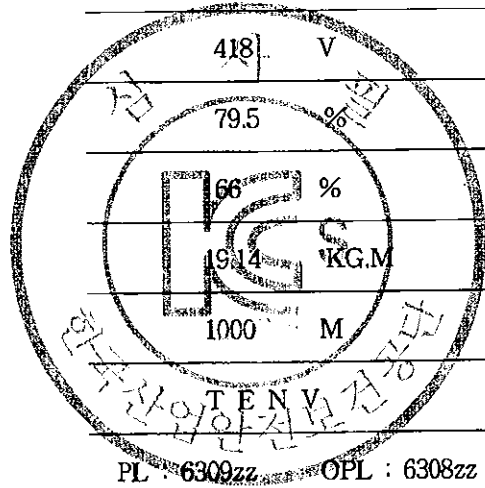


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THREE PHASE INDUCTION MOTOR DATE SHEET

SCHEDULE OF TECHNICAL DATA

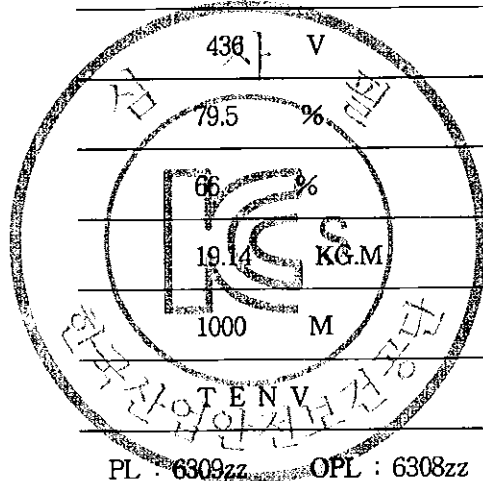
1. SERVICE	HOISTING
2. MANUFACTURE	국동호이스트 (주)
3. FRAME NUMBER	160 L
4. RATED POWER	9.0 KW x 8 P
5. RATED VOLTAGE AND FREQUENCY	460 V 60 Hz
6. MOTOR TYPE	SQUIRREL CAGE ROTOR TYPE
7. SERVICE FACTOR AND RATting	1.0 , 30 MIN
8. LOCATION AND INSULATION CLASS	INDOOR, OUTDOOR, B CLASS
9. DESIGN TRMPERATURE RISE(BY RESISTANCE)	80 ℃
10. FULL LOAD SPEED	846 RPM
11. FULL LOAD CURRENT	21.5 A
12. LOCKED ROTOR CURRENT	102.3 A
13. MINIMUM STARTING VOLTAGE	418 V
14. EFFICIENCY AT 100% RATED LOAD	79.5 %
15. POWER FACTOR AT 100% RATED LOAD	66 %
16. STARTING TORQUE	1914 KG.M
17. SITE ALT-TITUDE(UNDER)	1000 M
18. ENCLOSURE & COOLING METHOD	TENV
19. TYPE OF BEARING	PL : 6309zz OPL : 6308zz
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

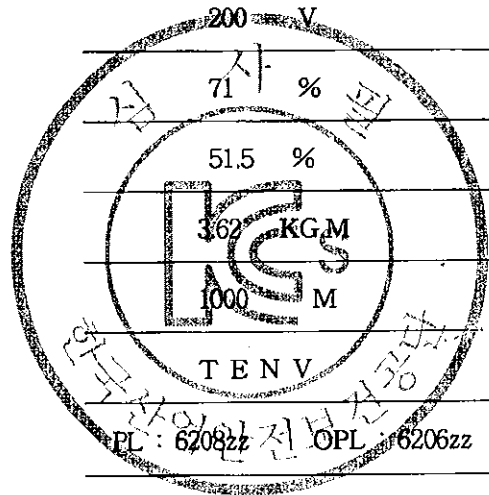
1. SERVICE	HOISTING
2. MANUFACTURE	극동호이스트 (주)
3. FRAME NUMBER	160 L
4. RATED POWER	9.0 KW x 8 P
5. RATED VOLTAGE AND FREQUENCY	480 V 60 Hz
6. MOTOR TYPE	SQUIRREL CAGE ROTOR TYPE
7. SERVICE FACTOR AND RATting	1.0 , 30 MIN
8. LOCATION AND INSULATION CLASS	INDOOR, OUTDOOR, B CLASS
9. DESIGN TRMPERATURE RISE(BY RESISTANCE)	80 ℃
10. FULL LOAD SPEED	846 RPM
11. FULL LOAD CURRENT	20.6 A
12. LOCKED ROTOR CURRENT	98.1 A
13. MINIMUM STARTING VOLTAGE	436 V
14. EFFICIENCY AT 100% RATED LOAD	79.5 %
15. POWER FACTOR AT 100% RATED LOAD	66 %
16. STARTING TORQUE	19.14 KG.M
17. SITE ALTITUDE(UNDER)	1000 M
18. ENCLOSURE & COOLING METHOD	TENV
19. TYPE OF BEARING	PL : 6309zz OPL : 6308zz
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

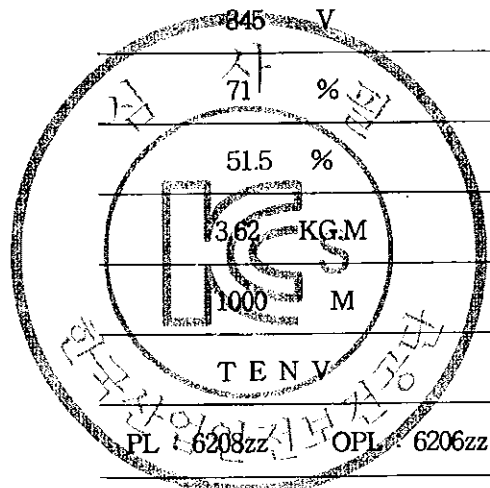
1. SERVICE	CREEP HOISTING
2. MANUFACTURE	극동호이스트 (주)
3. FRAME NUMBER	112 S
4. RATED POWER	1.1 KW x 8 P
5. RATED VOLTAGE AND FREQUENCY	220 V 60 Hz
6. MOTOR TYPE	SQUIRREL CAGE ROTOR TYPE
7. SERVICE FACTOR AND RATTING	1.0 , 30 MIN
8. LOCATION AND INSULATION CLASS	INDOOR, OUTDOOR, B CLASS
9. DESIGN TRMPERATURE RISE(BY RESISTANCE)	80 ℃
10. FULL LOAD SPEED	850 RPM
11. FULL LOAD CURRENT	8 A
12. LOCKED ROTOR CURRENT	41.3 A
13. MINIMUM STARTING VOLTAGE	200 V
14. EFFICIENCY AT 100% RATED LOAD	71 %
15. POWER FACTOR AT 100% RATED LOAD	51.5 %
16. STARTING TORQUE	362 KGM
17. SITE ALTITUDE(UNDER)	1000 M
18. ENCLOSURE & COOLING METHOD	TENV
19. TYPE OF BEARING	PL : 6208zz 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

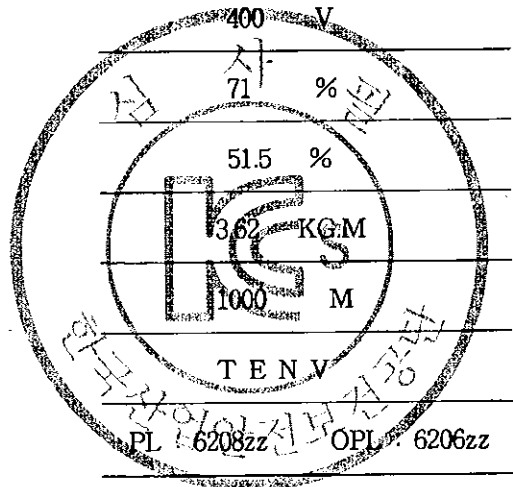
1. SERVICE	CREEP HOISTING
2. MANUFACTURE	극동호이스트 (주)
3. FRAME NUMBER	112 S
4. RATED POWER	1.1 KW x 8 P
5. RATED VOLTAGE AND FREQUENCY	380 V 60 Hz
6. MOTOR TYPE	SQUIRREL CAGE ROTOR TYPE
7. SERVICE FACTOR AND RATting	1.0 , 30 MIN
8. LOCATION AND INSULATION CLASS	INDOOR, OUTDOOR, B CLASS
9. DESIGN TRMPERATURE RISE(BY RESISTANCE)	80 ℃
10. FULL LOAD SPEED	850 RPM
11. FULL LOAD CURRENT	4.6 A
12. LOCKED ROTOR CURRENT	23.8 A
13. MINIMUM STARTING VOLTAGE	845 V
14. EFFICIENCY AT 100% RATED LOAD	71 %
15. POWER FACTOR AT 100% RATED LOAD	51.5 %
16. STARTING TORQUE	3.62 KG.M
17. SITE ALTTITUDE(UNDER)	1000 M
18. ENCLOSURE & COOLING METHOD	TEN V
19. TYPE OF BEARING	PL 6208zz OPL 6206zz
20. MOUNTING	HORIZONTAL
21. MAXIMUM AMBIENT TEMPURE	40 ℃
22. BEAFING LUEFICATION	GREASE
23. STARTING METHOD	FULL VOLTAGE



THREE PHASE INDUCTION MOTOR DATE SHEET

SCHEDULE OF TECHNICAL DATA

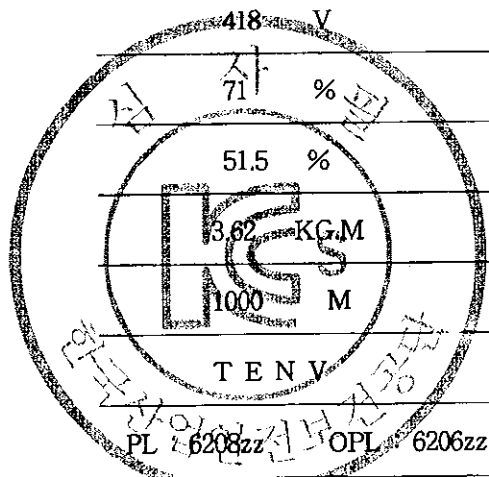
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2. MANUFACTURE	극동호이스트 (주)
3. FRAME NUMBER	112 S
4. RATED POWER	1.1 KW x 8 P
5. RATED VOLTAGE AND FREQUENCY	440 V 60 Hz
6. MOTOR TYPE	SQUIRREL CAGE ROTOR TYPE
7. SERVICE FACTOR AND RATting	1.0 , 30 MIN
8. LOCATION AND INSULATION CLASS	INDOOR, OUTDOOR, B CLASS
9. DESIGN TRMPERATURE RISE(BY RESISTANCE)	80 ℃
10. FULL LOAD SPEED	850 RPM
11. FULL LOAD CURRENT	4 A
12. LOCKED ROTOR CURRENT	20.5 A
13. MINIMUM STARTING VOLTAGE	400 V
14. EFFICIENCY AT 100% RATED LOAD	71 %
15. POWER FACTOR AT 100% RATED LOAD	51.5 %
16. STARTING TORQUE	3.62 KG-M
17. SITE ALTITUDE(UNDER)	1000 M
18. ENCLOSURE & COOLING METHOD	TEN V
19. TYPE OF BEARING	PL 6208zz 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

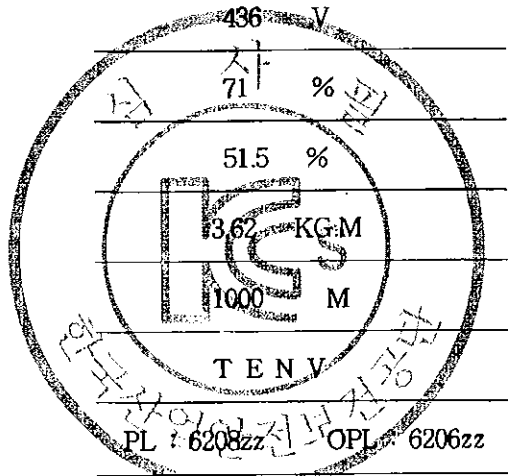
1. SERVICE	CREEP HOISTING
2. MANUFACTURE	극동호이스트 (주)
3. FRAME NUMBER	112 S
4. RATED POWER	1.1 KW x 8 P
5. RATED VOLTAGE AND FREQUENCY	460 V 60 Hz
6. MOTOR TYPE	SQUIRREL CAGE ROTOR TYPE
7. SERVICE FACTOR AND RATting	1.0 , 30 MIN
8. LOCATION AND INSULATION CLASS	INDOOR, OUTDOOR, B CLASS
9. DESIGN TRMPERATURE RISE(BY RESISTANCE)	80 ℃
10. FULL LOAD SPEED	850 RPM
11. FULL LOAD CURRENT	3.8 A
12. LOCKED ROTOR CURRENT	19.8 A
13. MINIMUM STARTING VOLTAGE	418 V
14. EFFICIENCY AT 100% RATED LOAD	71 %
15. POWER FACTOR AT 100% RATED LOAD	51.5 %
16. STARTING TORQUE	3.62 KG.M
17. SITE ALTTITUDE(UNDER)	1000 M
18. ENCLOSURE & COOLING METHOD	TEN V
19. TYPE OF BEARING	PL 6208zz 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

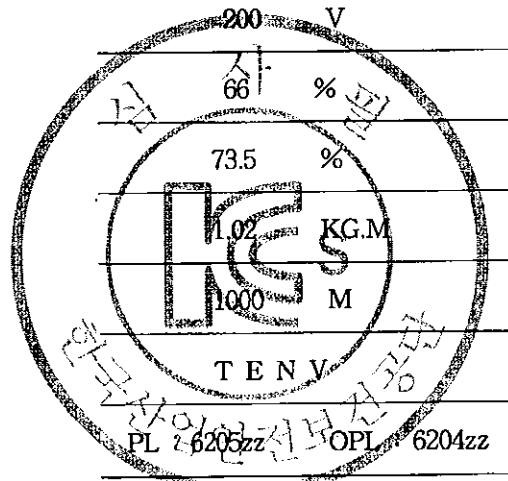
1. SERVICE	CREEP HOISTING
2. MANUFACTURE	극동호이스트 (주)
3. FRAME NUMBER	112 S
4. RATED POWER	1.1 KW x 8 P
5. RATED VOLTAGE AND FREQUENCY	480 V 60 Hz
6. MOTOR TYPE	SQUIRREL CAGE ROTOR TYPE
7. SERVICE FACTOR AND RATting	1.0 , 30 MIN
8. LOCATION AND INSULATION CLASS	INDOOR, OUTDOOR, B CLASS
9. DESIGN TRMPERATURE RISE(BY RESISTANCE)	80 ℃
10. FULL LOAD SPEED	850 RPM
11. FULL LOAD CURRENT	3.6 A
12. LOCKED ROTOR CURRENT	18.9 A
13. MINIMUM STARTING VOLTAGE	436 V
14. EFFICIENCY AT 100% RATED LOAD	71 %
15. POWER FACTOR AT 100% RATED LOAD	51.5 %
16. STARTING TORQUE	3.62 KG-M
17. SITE ALTTITUDE(UNDER)	1000 M
18. ENCLOSURE & COOLING METHOD	TEN V
19. TYPE OF BEARING	PL : 6208zz OPL : 6206zz
20. MOUNTING	HORIZONTAL
21. MAXIMUM AMBIENT TEMPURE	40 ℃
22. BEARING LUPRICATION	GREASE 10
23. STARTING METHOD	FULL VOLTAGE



THREE PHASE INDUCTION MOTOR DATE SHEET

SCHEDULE OF TECHNICAL DATA

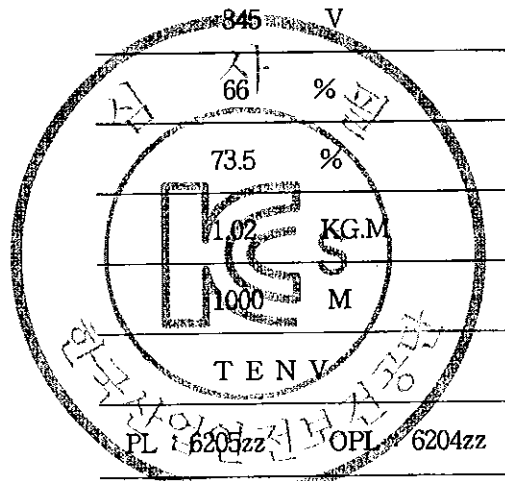
1. SERVICE	TRAVERSING
2. MANUFACTURE	극동호이스트 (주)
3. FRAME NUMBER	90 S
4. RATED POWER	0.75 KW x 4 P
5. RATED VOLTAGE AND FREQUENCY	220 V 60 Hz
6. MOTOR TYPE	SQUIRREL CAGE ROTOR TYPE
7. SERVICE FACTOR AND RATting	1.0 , 30 MIN
8. LOCATION AND INSULATION CLASS	INDOOR, OUTDOOR, B CLASS
9. DESIGN TRMPERATURE RISE(BY RESISTANCE)	80 ℃
10. FULL LOAD SPEED	1760 RPM
11. FULL LOAD CURRENT	4.1 A
12. STARTING CURRENT AT RATED VOLTAGE	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. STARTING TORQUE	1.02 KG.M
17. SITE ALTTITUDE(UNDER)	1000 M
18. ENCLOSURE & COOLING METHOD	TEN V
19. TYPE OF BEARING	PL 2-6205zz 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

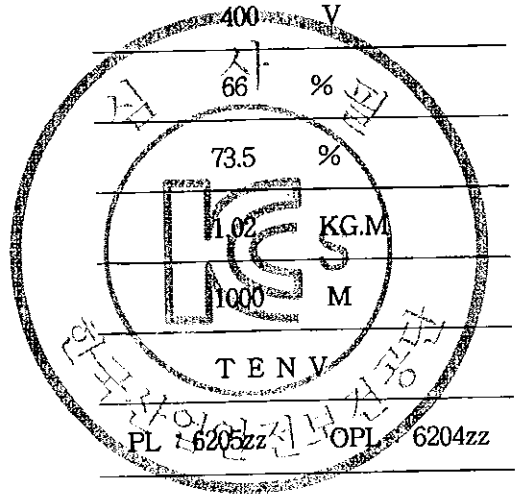
1. SERVICE	TRAVERSING
2. MANUFACTURE	극동호이스트 (주)
3. FRAME NUMBER	90 S
4. RATED POWER	0.75 KW x 4 P
5. RATED VOLTAGE AND FREQUENCY	380 V 60 Hz
6. MOTOR TYPE	SQUIRREL CAGE ROTOR TYPE
7. SERVICE FACTOR AND RATting	1.0 , 30 MIN
8. LOCATION AND INSULATION CLASS	INDOOR, OUTDOOR, B CLASS
9. DESIGN TRMPERATURE RISE(BY RESISTANCE)	80 ℃
10. FULL LOAD SPEED	1760 RPM
11. FULL LOAD CURRENT	2.4 A
12. STARTING CURRENT AT RATED VOLTAGE	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. STARTING TORQUE	1.02 KG.M
17. SITE ALTTITUDE(UNDER)	1000 M
18. ENCLOSURE & COOLING METHOD	TENV
19. TYPE OF BEARING	PL 6203zz OPL 6204zz
20. MOUNTING	HORIZONTAL
21. MAXIMUM AMBIENT TEMPURE	40 ℃
22. BEARING LUPRICATION	GREASE
23. STARTING METHOD	FULL VOLTAGE



THREE PHASE INDUCTION MOTOR DATE SHEET

SCHEDULE OF TECHNICAL DATA

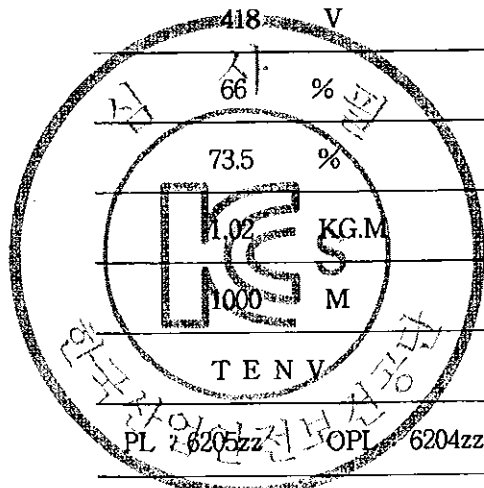
1. SERVICE	TRAVERSING
2. MANUFACTURE	극동호이스트 (주)
3. FRAME NUMBER	90 S
4. RATED POWER	0.75 KW x 4 P
5. RATED VOLTAGE AND FREQUENCY	440 V 60 Hz
6. MOTOR TYPE	SQUIRREL CAGE ROTOR TYPE
7. SERVICE FACTOR AND RATting	1.0 , 30 MIN
8. LOCATION AND INSULATION CLASS	INDOOR, OUTDOOR, B CLASS
9. DESIGN TRMPERATURE RISE(BY RESISTANCE)	80 ℃
10. FULL LOAD SPEED	1760 RPM
11. FULL LOAD CURRENT	2.0 A
12. STARTING CURRENT AT RATED VOLTAGE	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. STARTING TORQUE	1.02 KG.M
17. SITE ALTTITUDE(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 LUPRICATION	GREASE
23. STARTING METHOD	FULL VOLTAGE



THREE PHASE INDUCTION MOTOR DATE SHEET

SCHEDULE OF TECHNICAL DATA

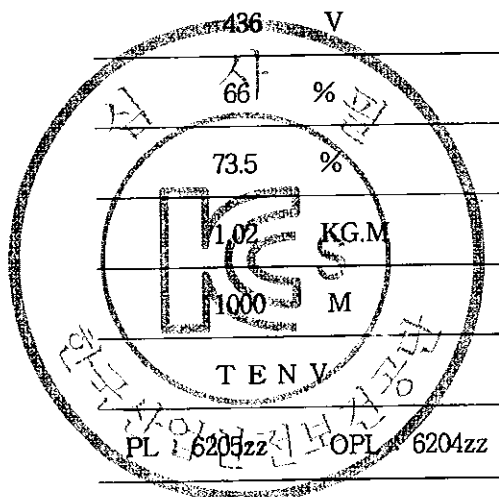
1. SERVICE	TRAVERSING
2. MANUFACTURE	극동호이스트 (주)
3. FRAME NUMBER	90 S
4. RATED POWER	0.75 KW x 4 P
5. RATED VOLTAGE AND FREQUENCY	460 V 60 Hz
6. MOTOR TYPE	SQUIRREL CAGE ROTOR TYPE
7. SERVICE FACTOR AND RATting	1.0 , 30 MIN
8. LOCATION AND INSULATION CLASS	INDOOR, OUTDOOR, B CLASS
9. DESIGN TRMPERATURE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



THREE PHASE INDUCTION MOTOR DATE SHEET

SCHEDULE OF TECHNICAL DATA

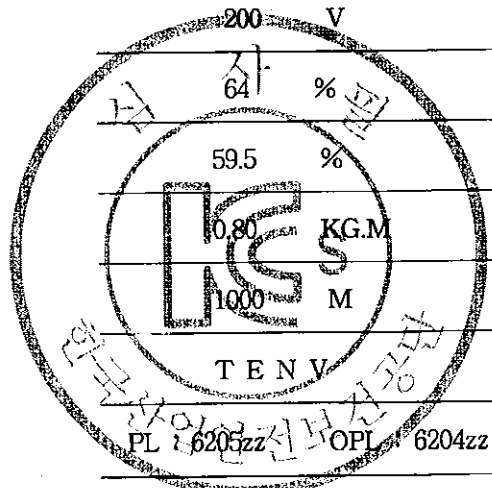
1. SERVICE	TRAVERSING
2. MANUFACTURE	극동호이스트 (주)
3. FRAME NUMBER	90 S
4. RATED POWER	0.75 KW x 4 P
5. RATED VOLTAGE AND FREQUENCY	480 V 60 Hz
6. MOTOR TYPE	SQUIRREL CAGE ROTOR TYPE
7. SERVICE FACTOR AND RATting	1.0 , 30 MIN
8. LOCATION AND INSULATION CLASS	INDOOR, OUTDOOR, B CLASS
9. DESIGN TRMPERATURE RISE(BY RESISTANCE)	80 ℃
10. FULL LOAD SPEED	1760 RPM
11. FULL LOAD CURRENT	1.9 A
12. STARTING CURRENT AT RATED VOLTAGE	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. STARTING TORQUE	1.02 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 LUEFICATION	GREASE
23. STARTING METHOD	FULL VOLTAGE



THREE PHASE INDUCTION MOTOR DATE SHEET

SCHEDULE OF TECHNICAL DATA

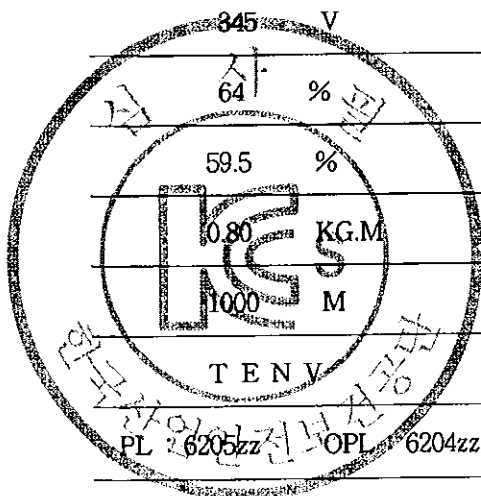
1. SERVICE	TRAVERSING
2. MANUFACTURE	극동호이스트 (주)
3. FRAME NUMBER	90 S
4. RATED POWER	0.5 KW x 6 P
5. RATED VOLTAGE AND FREQUENCY	220 V 60 Hz
6. MOTOR TYPE	SQUIRREL CAGE ROTOR TYPE
7. SERVICE FACTOR AND RATting	1.0 , 30 MIN
8. LOCATION AND INSULATION CLASS	INDOOR, OUTDOOR, B CLASS
9. DESIGN TRMPERATURE RISE(BY RESISTANCE)	80 ℃
10. FULL LOAD SPEED	1160 RPM
11. FULL LOAD CURRENT	3.4 A
12. STARTING CURRENT AT RATED VOLTAGE	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. STARTING TORQUE	0.80 KG.M
17. SITE ALTITUDE(UNDER)	1000 M
18. ENCLOSURE & COOLING METHOD	TEN V
19. TYPE OF BEARING	PL 6204zz 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

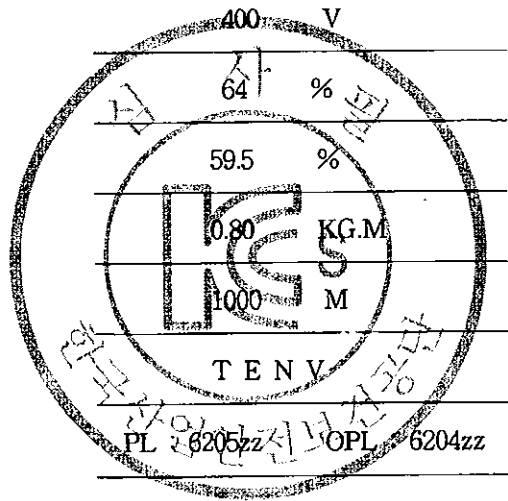
1. SERVICE	TRAVERSING
2. MANUFACTURE	극동호이스트 (주)
3. FRAME NUMBER	90 S
4. RATED POWER	0.5 KW x 6 P
5. RATED VOLTAGE AND FREQUENCY	380 V 60 Hz
6. MOTOR TYPE	SQUIRREL CAGE ROTOR TYPE
7. SERVICE FACTOR AND RATting	1.0 , 30 MIN
8. LOCATION AND INSULATION CLASS	INDOOR, OUTDOOR, B CLASS
9. DESIGN TRMPERATURE RISE(BY RESISTANCE)	80 °C
10. FULL LOAD SPEED	1160 RPM
11. FULL LOAD CURRENT	2.0 A
12. STARTING CURRENT AT RATED VOLTAGE	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. STARTING TORQUE	0.80 KG.M
17. SITE ALTTITUDE(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 °C
22. BEARING LUBRICATION	GREASE
23. STARTING METHOD	FULL VOLTAGE



THREE PHASE INDUCTION MOTOR DATE SHEET

SCHEDULE OF TECHNICAL DATA

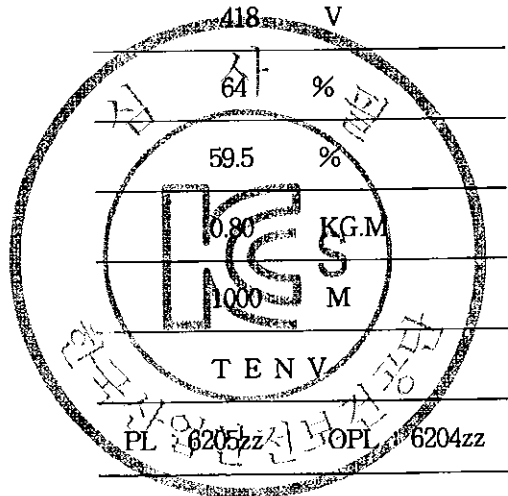
1. SERVICE	TRAVERSING
2. MANUFACTURE	극동호이스트 (주)
3. FRAME NUMBER	90 S
4. RATED POWER	0.5 KW x 6 P
5. RATED VOLTAGE AND FREQUENCY	440 V 60 Hz
6. MOTOR TYPE	SQUIRREL CAGE ROTOR TYPE
7. SERVICE FACTOR AND RATTING	1.0 , 30 MIN
8. LOCATION AND INSULATION CLASS	INDOOR, OUTDOOR, B CLASS
9. DESIGN TRMPERATURE RISE(BY RESISTANCE)	80 ℃
10. FULL LOAD SPEED	1160 RPM
11. FULL LOAD CURRENT	1.7 A
12. STARTING CURRENT AT RATED VOLTAGE	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. STARTING 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

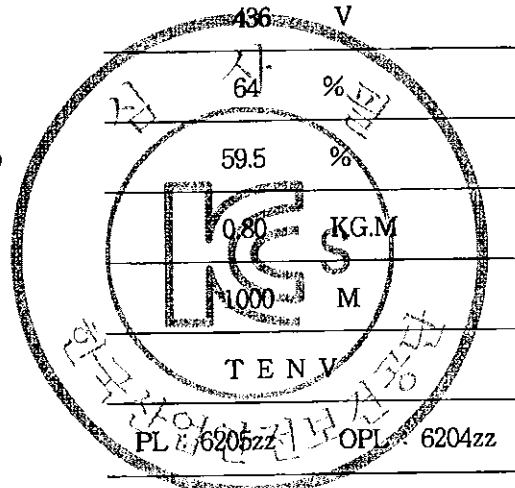
1. SERVICE	TRAVERSING
2. MANUFACTURE	극동호이스트 (주)
3. FRAME NUMBER	90 S
4. RATED POWER	0.5 KW x 6 P
5. RATED VOLTAGE AND FREQUENCY	460 V 60 Hz
6. MOTOR TYPE	SQUIRREL CAGE ROTOR TYPE
7. SERVICE FACTOR AND RATting	1.0 , 30 MIN
8. LOCATION AND INSULATION CLASS	INDOOR, OUTDOOR, B CLASS
9. DESIGN TRMPERATURE RISE(BY RESISTANCE)	80 ℃
10. FULL LOAD SPEED	1160 RPM
11. FULL LOAD CURRENT	1.7 A
12. STARTING CURRENT AT RATED VOLTAGE	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. STARTING TORQUE	0.80 KG.M
17. SITE ALTTITUDE(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

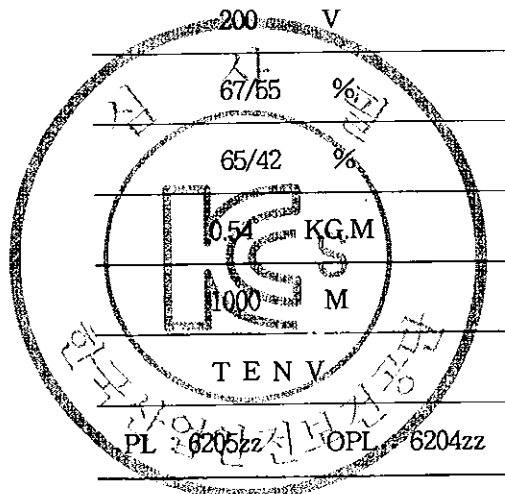
1. SERVICE	TRAVERSING
2. MANUFACTURE	극동호이스트 (주)
3. FRAME NUMBER	90 S
4. RATED POWER	0.5 KW x 6 P
5. RATED VOLTAGE AND FREQUENCY	480 V 60 Hz
6. MOTOR TYPE	SQUIRREL CAGE ROTOR TYPE
7. SERVICE FACTOR AND RATting	1.0 , 30 MIN
8. LOCATION AND INSULATION CLASS	INDOOR, OUTDOOR, B CLASS
9. DESIGN TRMPERATURE RISE(BY RESISTANCE)	80 ℃
10. FULL LOAD SPEED	1160 RPM
11. FULL LOAD CURRENT	1.6 A
12. STARTING CURRENT AT RATED VOLTAGE	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. STARTING 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 LUBERICATION	GREASE
23. STARTING METHOD	FULL VOLTAGE



THREE PHASE INDUCTION MOTOR DATE SHEET

SCHEDULE OF TECHNICAL DATA

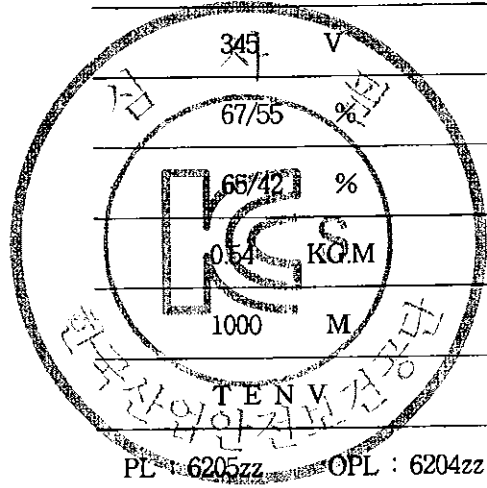
1. SERVICE	TRAVERSING
2. MANUFACTURE	극동호이스트 (주)
3. FRAME NUMBER	90 L
4. RATED POWER	0.8/0.4 KW x 4/8 P
5. RATED VOLTAGE AND FREQUENCY	220 V 60 Hz
6. MOTOR TYPE	SQUIRREL CAGE ROTOR TYPE
7. SERVICE FACTOR AND RATting	1.0 , 30 MIN
8. LOCATION AND INSULATION CLASS	INDOOR, OUTDOOR, B CLASS
9. DESIGN TRMPERATURE RISE(BY RESISTANCE)	80 ℃
10. FULL LOAD SPEED	1710/810 RPM
11. FULL LOAD CURRENT	4.8/4.54 A
12. STARTING CURRENT AT RATED VOLTAGE	24/16.8 A
13. MINIMUM STARTING VOLTAGE	200 V
14. EFFICIENCY AT 100% RATED LOAD	67/55 %
15. POWER FACTOR AT 100% RATED LOAD	65/42 %
16. STARTING TORQUE	0.54 KG.M
17. SITE ALTTITUDE(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 L
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	1710/810 RPM
11. FULL LOAD CURRENT	2.78/2.62 A
12. STARTING CURRENT AT RATED VOLTAGE	13.89/9.72 A
13. MINIMUM STARTING VOLTAGE	345 V
14. EFFICIENCY AT 100% RATED LOAD	67/55 %
15. POWER FACTOR AT 100% RATED LOAD	66/42 %
16. STARTING TORQUE	0.54 KGM
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 L

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 °C

10. FULL LOAD SPEED

1710/810 RPM

11. FULL LOAD CURRENT

2.4/2.27 A

12. STARTING CURRENT AT RATED VOLTAGE

12/8.4 A

13. MINIMUM STARTING VOLTAGE

14. EFFICIENCY AT 100% RATED LOAD

15. POWER FACTOR AT 100% RATED LOAD

16. STARTING TORQUE

17. SITE ALTITUDE(UNDER)

18. ENCLOSURE & COOLING METHOD

19. TYPE OF BEARING

20. MOUNTING

21. MAXIMUM AMBIENT TEMPURE

22. BEARING LUBRICATION

23. STARTING METHOD

400 V

67/55 %

65/42 %

0.54 KGM

1000 M

TENV

PL : 6205zz

OPL : 6204zz

HORIZONTAL

40 °C

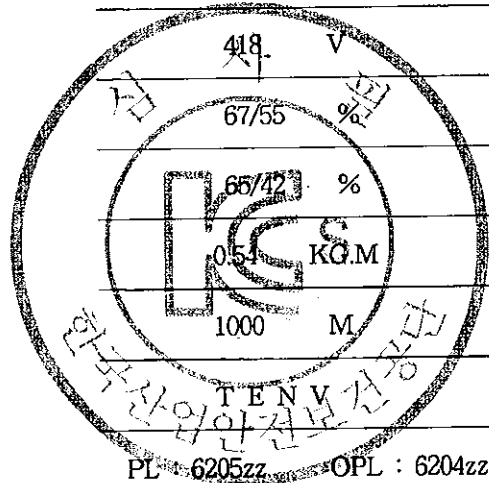
GREASE

FULL VOLTAGE

THREE PHASE INDUCTION MOTOR DATE SHEET

SCHEDULE OF TECHNICAL DATA

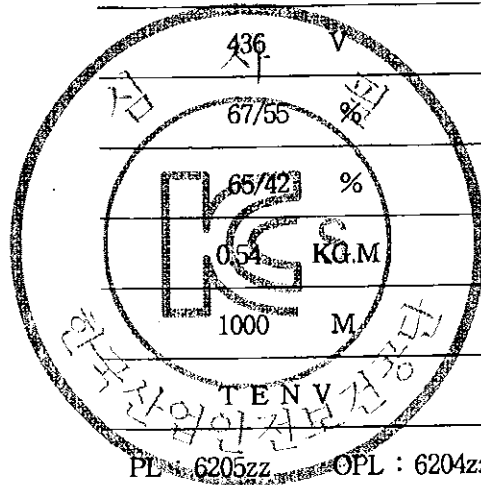
1. SERVICE	TRAVERSING
2. MANUFACTURE	극동호이스트 (주)
3. FRAME NUMBER	90 L
4. RATED POWER	0.8/0.4 KW x 4/8 P
5. RATED VOLTAGE AND FREQUENCY	460 V 60 Hz
6. MOTOR TYPE	SQUIRREL CAGE ROTOR TYPE
7. SERVICE FACTOR AND RATting	1.0 , 30 MIN
8. LOCATION AND INSULATION CLASS	INDOOR, OUTDOOR, B CLASS
9. DESIGN TRMPERATURE RISE(BY RESISTANCE)	80 ℃
10. FULL LOAD SPEED	1710/810 RPM
11. FULL LOAD CURRENT	2.3/2.17 A
12. STARTING CURRENT AT RATED VOLTAGE	11/8.2 A
13. MINIMUM STARTING VOLTAGE	418 V
14. EFFICIENCY AT 100% RATED LOAD	67/55 %
15. POWER FACTOR AT 100% RATED LOAD	65/42 %
16. STARTING TORQUE	0.54 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

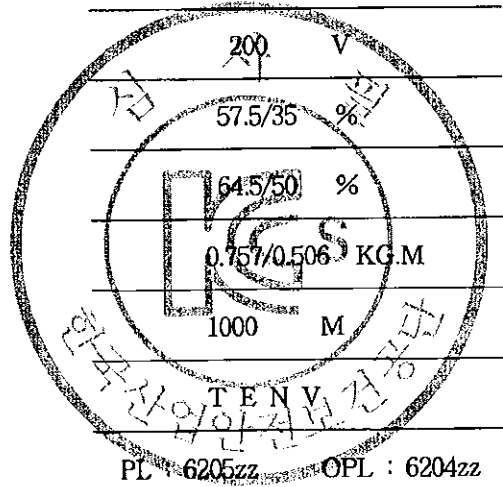
1. SERVICE	TRAVERSING
2. MANUFACTURE	극동호이스트 (주)
3. FRAME NUMBER	90 L
4. RATED POWER	0.8/0.4 KW x 4/8 P
5. RATED VOLTAGE AND FREQUENCY	480 V 60 Hz
6. MOTOR TYPE	SQUIRREL CAGE ROTOR TYPE
7. SERVICE FACTOR AND RATting	1.0 , 30 MIN
8. LOCATION AND INSULATION CLASS	INDOOR, OUTDOOR, B CLASS
9. DESIGN TRMPERATURE RISE(BY RESISTANCE)	80 ℃
10. FULL LOAD SPEED	1710/810 RPM
11. FULL LOAD CURRENT	1.9/1.75 A
12. STARTING CURRENT AT RATED VOLTAGE	9.4/7.1 A
13. MINIMUM STARTING VOLTAGE	436 V
14. EFFICIENCY AT 100% RATED LOAD	67/55 %
15. POWER FACTOR AT 100% RATED LOAD	65/42 %
16. STARTING TORQUE	0.54 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

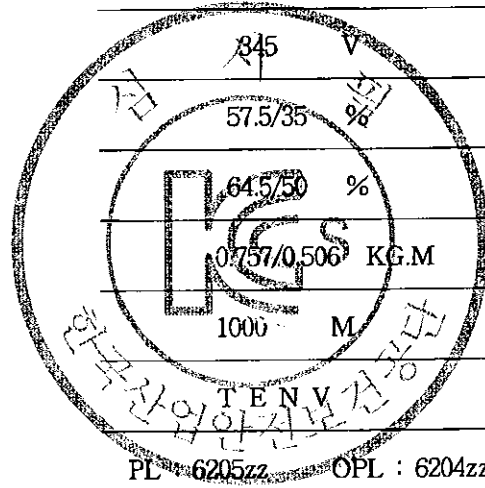
1. SERVICE	TRAVERSING
2. MANUFACTURE	극동호이스트 (주)
3. FRAME NUMBER	90 L
4. RATED POWER	0.5/025 KW x 6/12 P
5. RATED VOLTAGE AND FREQUENCY	220 V 60 Hz
6. MOTOR TYPE	SQUIRREL CAGE ROTOR TYPE
7. SERVICE FACTOR AND RATting	1.0 , 30 MIN
8. LOCATION AND INSULATION CLASS	INDOOR, OUTDOOR, B CLASS
9. DESIGN TRMPERATURE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

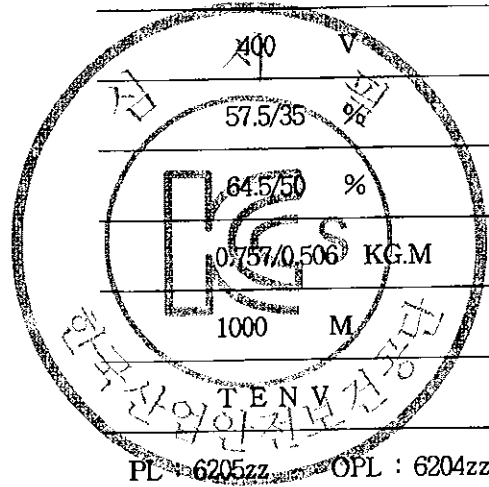
1. SERVICE	TRAVERSING
2. MANUFACTURE	극동호이스트 (주)
3. FRAME NUMBER	90 L
4. RATED POWER	0.5/025 KW x 6/12 P
5. RATED VOLTAGE AND FREQUENCY	380 V 60 Hz
6. MOTOR TYPE	SQUIRREL CAGE ROTOR TYPE
7. SERVICE FACTOR AND RATTING	1.0 , 30 MIN
8. LOCATION AND INSULATION CLASS	INDOOR, OUTDOOR, B CLASS
9. DESIGN TRMPERATURE RISE(BY RESISTANCE)	80 °C
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	845 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 °C
22. BEARING LUBRICATION	GREASE
23. STARTING METHOD	FULL VOLTAGE



THREE PHASE INDUCTION MOTOR DATE SHEET

SCHEDULE OF TECHNICAL DATA

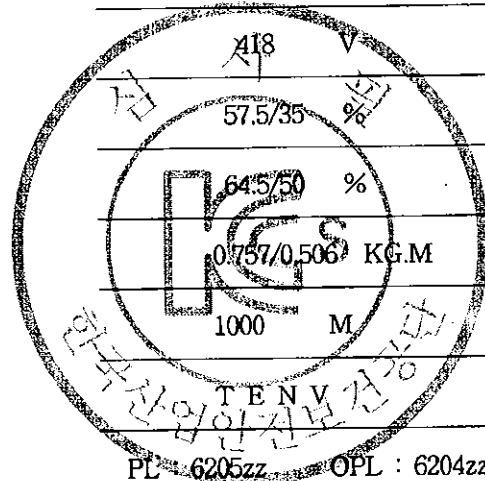
1. SERVICE	TRAVERSING
2. MANUFACTURE	극동호이스트 (주)
3. FRAME NUMBER	90 L
4. RATED POWER	0.5/025 KW x 6/12 P
5. RATED VOLTAGE AND FREQUENCY	440 V 60 Hz
6. MOTOR TYPE	SQUIRREL CAGE ROTOR TYPE
7. SERVICE FACTOR AND RATting	1.0 , 30 MIN
8. LOCATION AND INSULATION CLASS	INDOOR, OUTDOOR, B CLASS
9. DESIGN TRMPERATURE 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	0.757/0.506 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



THREE PHASE INDUCTION MOTOR DATE SHEET

SCHEDULE OF TECHNICAL DATA

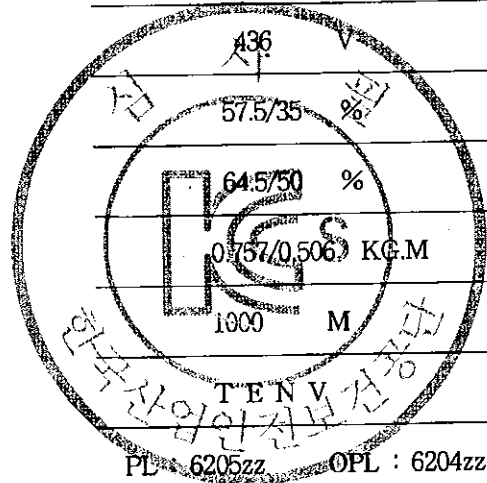
1. SERVICE	TRAVERSING
2. MANUFACTURE	극동호이스트 (주)
3. FRAME NUMBER	90 L
4. RATED POWER	0.5/025 KW x 6/12 P
5. RATED VOLTAGE AND FREQUENCY	460 V 60 Hz
6. MOTOR TYPE	SQUIRREL CAGE ROTOR TYPE
7. SERVICE FACTOR AND RATting	1.0 , 30 MIN
8. LOCATION AND INSULATION CLASS	INDOOR, OUTDOOR, B CLASS
9. DESIGN TRMPERATURE RISE(BY RESISTANCE)	80 °C
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	0.757/0.506 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 °C
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 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

HOISTING

2. MANUFACTURE

극동호이스트 (주)

3. FRAME NUMBER

132 M

4. RATED POWER

5.5 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 °C

10. FULL LOAD SPEED

1160 RPM

11. FULL LOAD CURRENT

28.2 A

12. LOCKED ROTOR CURRENT

155.1 A

13. MINIMUM STARTING VOLTAGE

200 V

14. EFFICIENCY AT 100% RATED LOAD

77 %

15. POWER FACTOR AT 100% RATED LOAD

66.4 %

16. FULL LOAD TORQUE

11.59 KG.M

17. SITE ALTTITUDE(UNDER)

1000 M

18. ENCLOSURE & COOLING METHOD

PL : 6307zz OPL : 6207zz

19. TYPE OF BEARING

HORIZONTAL

20. MOUNTING

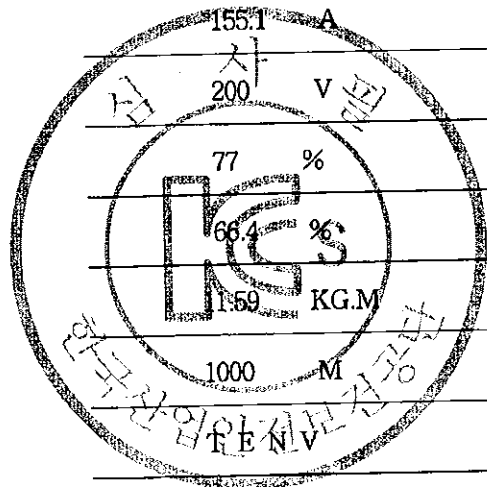
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22. BEARING LUBRICATION

GREASE

23. STARTING METHOD

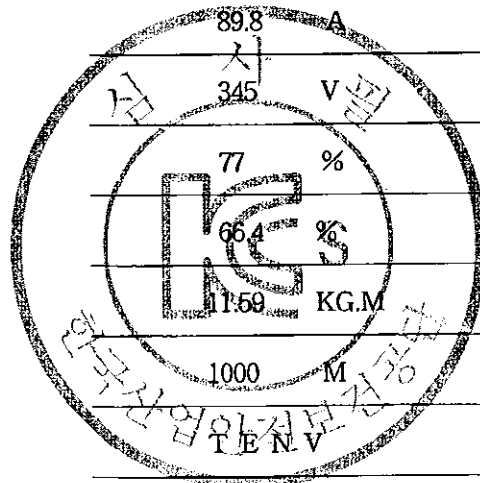
FULL VOLTAGE



THREE PHASE INDUCTION MOTOR DATE SHEET

SCHEDULE OF TECHNICAL DATA

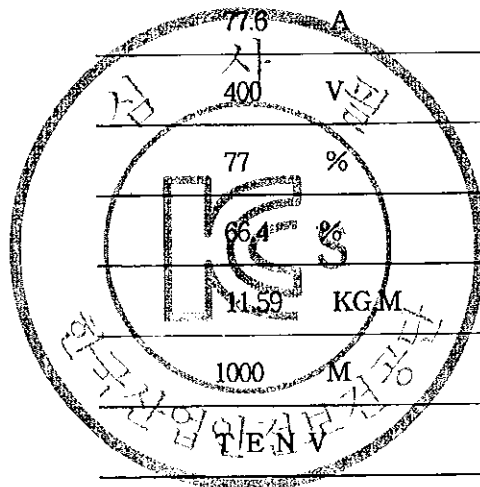
1. SERVICE	HOISTING
2. MANUFACTURE	극동호이스트 (주)
3. FRAME NUMBER	132 M
4. RATED POWER	5.5 KW x 6 P
5. RATED VOLTAGE AND FREQUENCY	380 V 60 Hz
6. MOTOR TYPE	SQUIRREL CAGE ROTOR TYPE
7. SERVICE FACTOR AND RATTING	1.0 , 30 MIN
8. LOCATION AND INSULATION CLASS	INDOOR, OUTDOOR, B CLASS
9. DESIGN TRMPERATURE RISE(BY RESISTANCE)	80 °C
10. FULL LOAD SPEED	1160 RPM
11. FULL LOAD CURRENT	16.3 A
12. LOCKED ROTOR CURRENT	89.8 A
13. MINIMUM STARTING VOLTAGE	345 V
14. EFFICIENCY AT 100% RATED LOAD	77 %
15. POWER FACTOR AT 100% RATED LOAD	66.4 %
16. FULL LOAD TORQUE	11.59 KGM
17. SITE ALTTITUDE(UNDER)	1000 M
18. ENCLOSURE & COOLING METHOD	TENV
19. TYPE OF BEARING	PL : 6307zz OPL : 6207zz
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

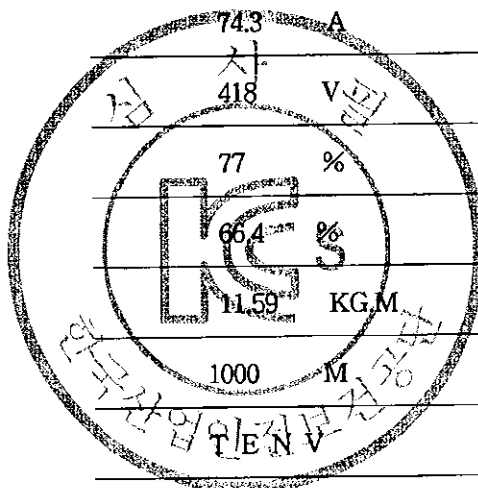
1. SERVICE	HOISTING
2. MANUFACTURE	극동호이스트 (주)
3. FRAME NUMBER	132 M
4. RATED POWER	5.5 KW x 6 P
5. RATED VOLTAGE AND FREQUENCY	440 V 60 Hz
6. MOTOR TYPE	SQUIRREL CAGE ROTOR TYPE
7. SERVICE FACTOR AND RATTING	1.0 , 30 MIN
8. LOCATION AND INSULATION CLASS	INDOOR, OUTDOOR, B CLASS
9. DESIGN TRMPERATURE RISE(BY RESISTANCE)	80 ℃
10. FULL LOAD SPEED	1160 RPM
11. FULL LOAD CURRENT	14.1 A
12. LOCKED ROTOR CURRENT	77.6 A
13. MINIMUM STARTING VOLTAGE	400 V
14. EFFICIENCY AT 100% RATED LOAD	77 %
15. POWER FACTOR AT 100% RATED LOAD	66.4 %
16. FULL LOAD TORQUE	11.59 KGM
17. SITE ALTITUDE(UNDER)	1000 M
18. ENCLOSURE & COOLING METHOD	TEN V
19. TYPE OF BEARING	PL : 6307zz OPL : 6207zz
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

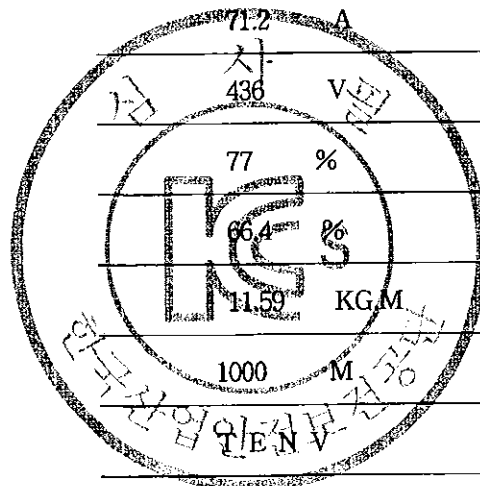
1. SERVICE	HOISTING
2. MANUFACTURE	극동호이스트 (주)
3. FRAME NUMBER	132 M
4. RATED POWER	5.5 KW x 6 P
5. RATED VOLTAGE AND FREQUENCY	460 V 60 Hz
6. MOTOR TYPE	SQUIRREL CAGE ROTOR TYPE
7. SERVICE FACTOR AND RATTING	1.0 , 30 MIN
8. LOCATION AND INSULATION CLASS	INDOOR, OUTDOOR, B CLASS
9. DESIGN TRMPERATURE RISE(BY RESISTANCE)	80 ℃
10. FULL LOAD SPEED	1160 RPM
11. FULL LOAD CURRENT	13.5 A
12. LOCKED ROTOR CURRENT	74.3 A
13. MINIMUM STARTING VOLTAGE	418 V
14. EFFICIENCY AT 100% RATED LOAD	77 %
15. POWER FACTOR AT 100% RATED LOAD	66.4 %
16. FULL LOAD TORQUE	11.59 KGM
17. SITE ALTITUDE(UNDER)	1000 M
18. ENCLOSURE & COOLING METHOD	TENV
19. TYPE OF BEARING	PL : 6307zz OPL : 6207zz
20. MOUNTING	HORIZONTAL
21. MAXIMUM AMBIENT TEMPRE	40 ℃
22. BEARING LUBRICATION	GREASE
23. STARTING METHOD	FULL VOLTAGE



THREE PHASE INDUCTION MOTOR DATE SHEET

SCHEDULE OF TECHNICAL DATA

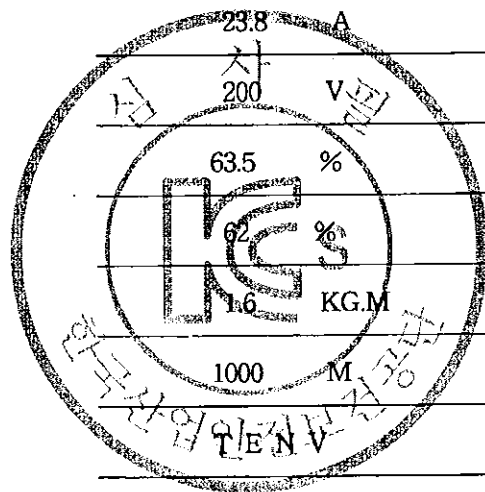
1. SERVICE	HOISTING
2. MANUFACTURE	극동호이스트 (주)
3. FRAME NUMBER	132 M
4. RATED POWER	5.5 KW x 6 P
5. RATED VOLTAGE AND FREQUENCY	480 V 60 Hz
6. MOTOR TYPE	SQUIRREL CAGE ROTOR TYPE
7. SERVICE FACTOR AND RATting	1.0 , 30 MIN
8. LOCATION AND INSULATION CLASS	INDOOR, OUTDOOR, B CLASS
9. DESIGN TRMPERATURE RISE(BY RESISTANCE)	80 ℃
10. FULL LOAD SPEED	1160 RPM
11. FULL LOAD CURRENT	12.9 A
12. LOCKED ROTOR CURRENT	71.2 A
13. MINIMUM STARTING VOLTAGE	436 V
14. EFFICIENCY AT 100% RATED LOAD	77 %
15. POWER FACTOR AT 100% RATED LOAD	66.4 %
16. FULL LOAD TORQUE	11.59 KG.M
17. SITE ALTITUDE(UNDER)	1000 M
18. ENCLOSURE & COOLING METHOD	TEN V-30
19. TYPE OF BEARING	PL : 6307zz OPL : 6207zz
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

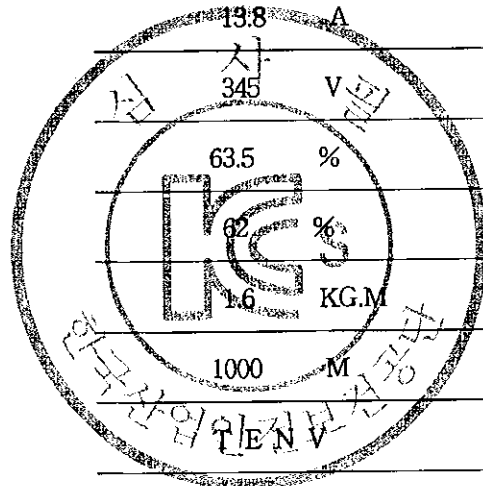
1. SERVICE	CREEP HOISTING
2. MANUFACTURE	극동호이스트 (주)
3. FRAME NUMBER	90 L
4. RATED POWER	1.0 KW x 6 P
5. RATED VOLTAGE AND FREQUENCY	220 V 60 Hz
6. MOTOR TYPE	SQUIRREL CAGE ROTOR TYPE
7. SERVICE FACTOR AND RATTING	1.0 , 30 MIN
8. LOCATION AND INSULATION CLASS	INDOOR, OUTDOOR, B CLASS
9. DESIGN TRMPERATURE RISE(BY RESISTANCE)	80 ℃
10. FULL LOAD SPEED	1160 RPM
11. FULL LOAD CURRENT	6.7 A
12. LOCKED ROTOR CURRENT	23.8 A
13. MINIMUM STARTING VOLTAGE	200 V
14. EFFICIENCY AT 100% RATED LOAD	63.5 %
15. POWER FACTOR AT 100% RATED LOAD	62 %
16. FULL LOAD TORQUE	1.6 KGM
17. SITE ALTTITUDE(UNDER)	1000 M
18. ENCLOSURE & COOLING METHOD	
19. TYPE OF BEARING	PL : 6205zz OPL : 6204zz
20. MOUNTING	HORIZONTAL
21. MAXJMUM AMBIENT TEMPEURE	2011-03-10 40-28-10
22. BEARING LUBRICATION	GREASE
23. STARTING METHOD	FULL VOLTAGE



THREE PHASE INDUCTION MOTOR DATE SHEET

SCHEDULE OF TECHNICAL DATA

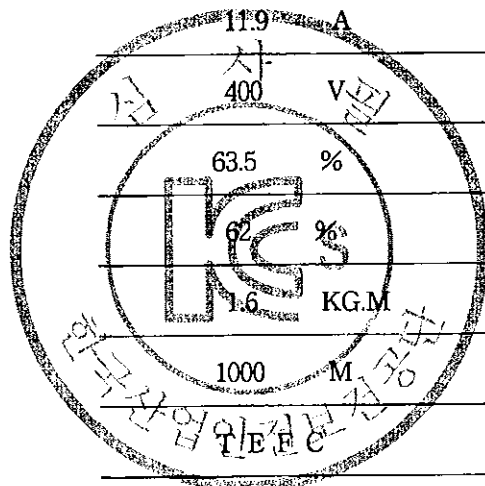
1. SERVICE	CREEP HOISTING
2. MANUFACTURE	극동호이스트 (주)
3. FRAME NUMBER	90 L
4. RATED POWER	1.0 KW x 6 P
5. RATED VOLTAGE AND FREQUENCY	380 V 60 Hz
6. MOTOR TYPE	SQUIRREL CAGE ROTOR TYPE
7. SERVICE FACTOR AND RATTING	1.0 , 30 MIN
8. LOCATION AND INSULATION CLASS	INDOOR, OUTDOOR, B CLASS
9. DESIGN TRMPERATURE RISE(BY RESISTANCE)	80 °C
10. FULL LOAD SPEED	1160 RPM
11. FULL LOAD CURRENT	3.9 A
12. LOCKED ROTOR CURRENT	13.8 A
13. MINIMUM STARTING VOLTAGE	345 V
14. EFFICIENCY AT 100% RATED LOAD	63.5 %
15. POWER FACTOR AT 100% RATED LOAD	62 %
16. FULL LOAD TORQUE	1.6 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 °C
22. BEARING LUBRICATION	GREASE
23. STARTING METHOD	FULL VOLTAGE



THREE PHASE INDUCTION MOTOR DATE SHEET

SCHEDULE OF TECHNICAL DATA

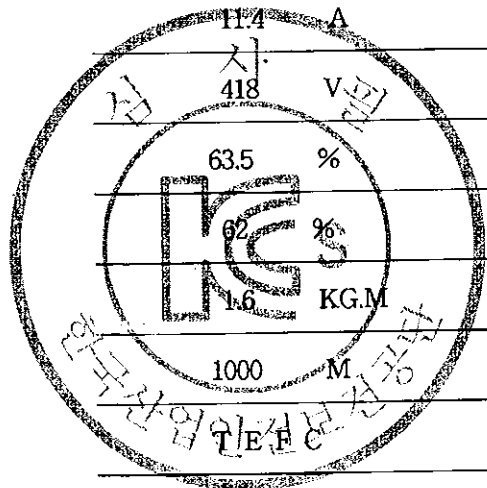
1. SERVICE	CREEP HOISTING
2. MANUFACTURE	극동호이스트 (주)
3. FRAME NUMBER	90 L
4. RATED POWER	1.0 KW x 6 P
5. RATED VOLTAGE AND FREQUENCY	440 V 60 Hz
6. MOTOR TYPE	SQUIRREL CAGE ROTOR TYPE
7. SERVICE FACTOR AND RATTING	1.0 , 30 MIN
8. LOCATION AND INSULATION CLASS	INDOOR, OUTDOOR, B CLASS
9. DESIGN TRMPERATURE RISE(BY RESISTANCE)	80 ℃
10. FULL LOAD SPEED	1160 RPM
11. FULL LOAD CURRENT	3.3 A
12. LOCKED ROTOR CURRENT	11.9 A
13. MINIMUM STARTING VOLTAGE	400 V
14. EFFICIENCY AT 100% RATED LOAD	63.5 %
15. POWER FACTOR AT 100% RATED LOAD	62 %
16. FULL LOAD TORQUE	1.6 KGM
17. SITE ALTTITUDE(UNDER)	1000 M
18. ENCLOSURE & COOLING METHOD	T.E.C
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

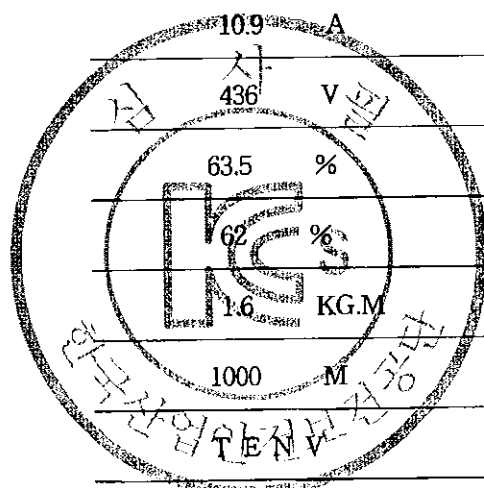
1. SERVICE	CREEP HOISTING
2. MANUFACTURE	극동호이스트 (주)
3. FRAME NUMBER	90 L
4. RATED POWER	1.0 KW x 6 P
5. RATED VOLTAGE AND FREQUENCY	460 V 60 Hz
6. MOTOR TYPE	SQUIRREL CAGE ROTOR TYPE
7. SERVICE FACTOR AND RATting	1.0 , 30 MIN
8. LOCATION AND INSULATION CLASS	INDOOR, OUTDOOR, B CLASS
9. DESIGN TRMPERATURE RISE(BY RESISTANCE)	80 ℃
10. FULL LOAD SPEED	1160 RPM
11. FULL LOAD CURRENT	3.2 A
12. LOCKED ROTOR CURRENT	11.4 A
13. MINIMUM STARTING VOLTAGE	418 V
14. EFFICIENCY AT 100% RATED LOAD	63.5 %
15. POWER FACTOR AT 100% RATED LOAD	62 %
16. FULL LOAD TORQUE	1.6 KG.M
17. SITE ALTTITUDE(UNDER)	1000 M
18. ENCLOSURE & COOLING METHOD	
19. TYPE OF BEARING	PL : 6205zz OPL : 6204zz
20. MOUNTING	HORIZONTAL
21. MAXIMUM AMBIENT TEMPEURE	40 ℃
22. BEARING LUBRICATION	GREASE
23. STARTING METHOD	FULL VOLTAGE



THREE PHASE INDUCTION MOTOR DATE SHEET

SCHEDULE OF TECHNICAL DATA

1. SERVICE	CREEP HOISTING
2. MANUFACTURE	극동호이스트 (주)
3. FRAME NUMBER	90 L
4. RATED POWER	1.0 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	3.1 A
12. LOCKED ROTOR CURRENT	10.9 A
13. MINIMUM STARTING VOLTAGE	436 V
14. EFFICIENCY AT 100% RATED LOAD	63.5 %
15. POWER FACTOR AT 100% RATED LOAD	62 %
16. FULL LOAD TORQUE	1.6 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



ORIGINAL



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Tel : 86-532-86821916, Fax :86-532-86821949 www.kiswire.com

ISSUE NO. PW9074

DATE Jan. 18, 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 1 REEL

EX NO. **PW9074**

T/T NO.

ORDER NO. REEL NO. **1** SAMPLING NO. **1**

DIAMETER OF ROPE **16.0 mm** TYPE OF CORE **Fiber Core**

SPECIFIED BREAKING LOAD **145.0 kN** SAMPLE BROKE AT **152.3 kN**

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

ROPE LAY **RHRL** LAY LENGTH **105.8 mm**

LUBRICATION **A-2**

CHEMICAL ANALYSIS OF WIRE ROD

CHARGE NO.	C×100	Si×100	Mn×100	P×1000	S×1000
049842E	74	22	74	15	8

DATE OF SAMPLE TEST

Jan. 18, 2010

CHIEF INSPECTOR D.S.NA
KISWIRE QINGDAO LTD.

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192.168.11.155 / 2011-03-10 10:25:10