



제2016 - 97871 호

안 전 인 증 서

(사업장명)

극동호이스트(주)

(소 재 지)

(154-23)경기안산 단원구 해봉로 119 (성곡동 630-2)

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

_____ 품 목 _____

호이스트

_____ 형식,모델(용량,등급)/인증번호 _____

KDC2-D (2.0Ton) / 16-AE2AC-02687 / 16-AE2AC-02687

_____ 인 증 기 준 _____

고용노동부 고시 제2015 - 20호 (위험기계·기구 안전인증 고시)

_____ 인 증 조 건 _____

설치장소 : 옥내, 옥외

2016년 02월 23일

한국산업안전보건공단이사장





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)		KDC2-D	용량(동급)	2.0 Ton
인증심사원		조성준 변명수 조성준		

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

2011 년 06 월 14 일

한국산업안전보건공단 경기서부지도원장



서 면 심 사 서 류

형식 번호 : KDC2-D

극 동 호 이 스펙트 (주)

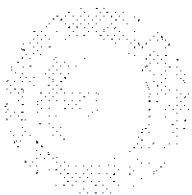


工場 : 경기도 안산시 단원구 성곡동 630-2 반월공단607-14

電話 : 031) 491 - 5311

FAX : 031) 494 - 5315

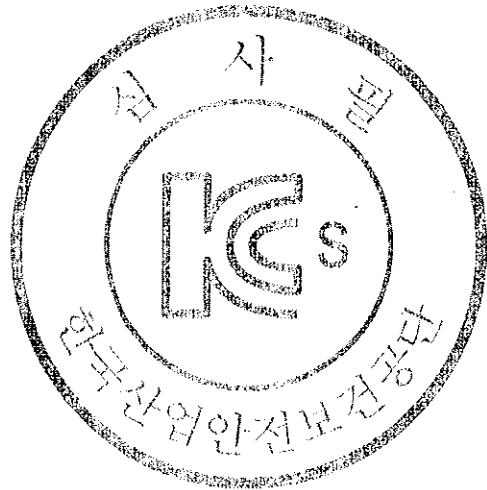
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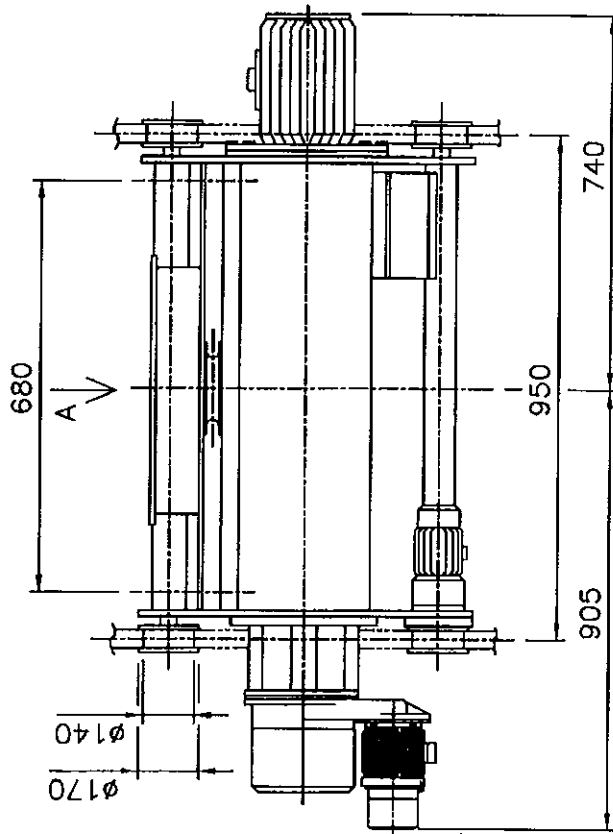
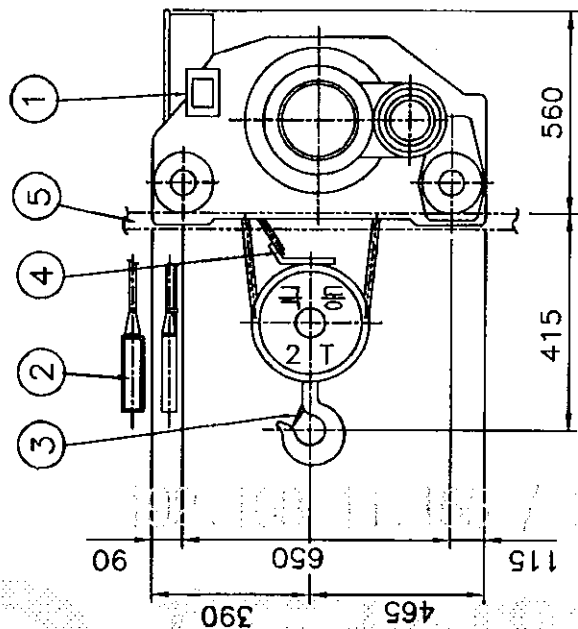
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동일형식일람표

시험장명		개정일자 및 번호		인증번호	
형식 및 모델		동일 형식 인정범위 및 내역		비고	
형식	모델	권상속도(m/min)	회행속도(m/min)	양정(m)	회행방식
KDC2-D	KDC2-L12-D	고속:10M/MIN	고속:24M/MIN 저속:16M/MIN	12	모터구동식
	KDC2-L18-D			18	
	KDC2-L24-D	CREEP:1.0M/MIN	듀얼고속:24/12M/MIN 듀얼저속:16/8M/MIN	24	
	KDC2-L30-D			30	



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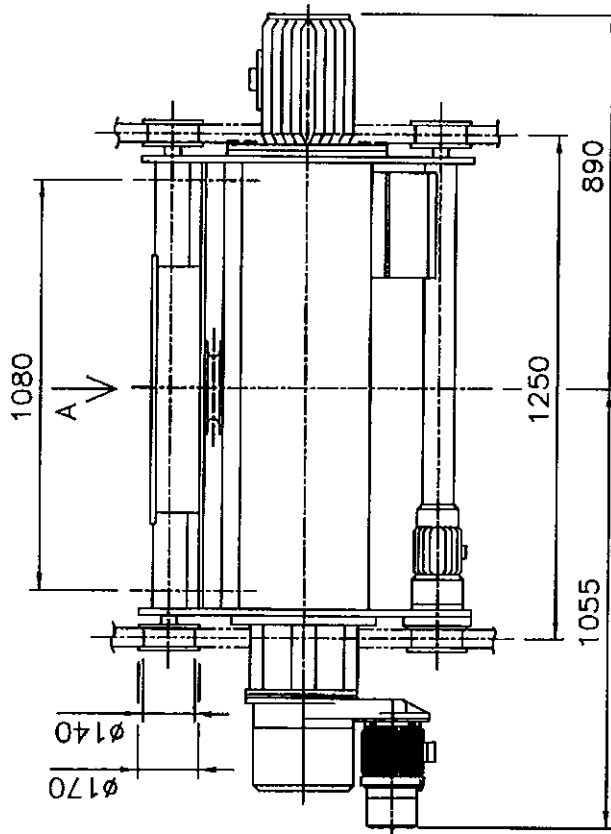
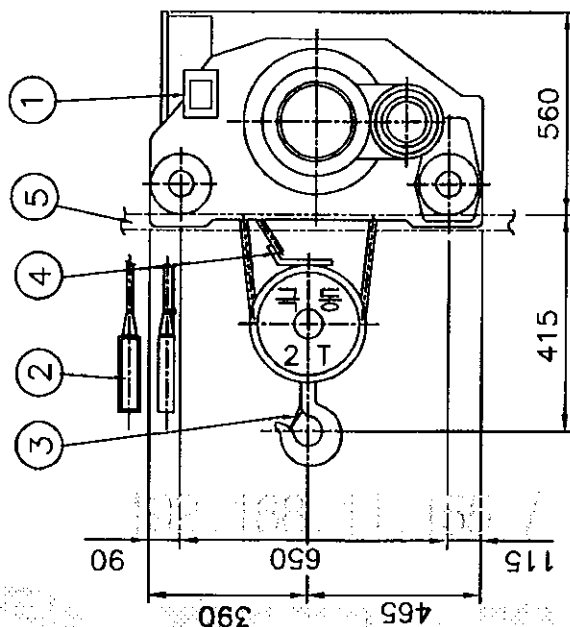


SPECIFICATION	
RATED LOAD	2 TON
TESTING LOAD	2.5 TON
LIFT	12 M
HOISTING SPEED	10 / 1.0 M/MIN
MOTOR	3.7/0.4 KW x 4P
HOISTING SPEED	24 M/MIN
MOTOR	0.75 KW x 4 P
HOISTING SPEED	16 M/MIN
MOTOR	0.5 KW x 6 P
TRAVELING SPEED	24/12 M/MIN
HOISTING SPEED	0.8/0.4 KW x 4/8 P
TRAVELING SPEED	16/8 M/MIN
HOISTING SPEED	0.5/0.25 KW x 6/12 P
WIRE ROPE	(6x19) Ø8 x 4 FALLS
POWER SOURCE	AC3Ø 220V(380,440,480V) 60HZ
TRAVELING RAIL	15 KG/M
GROSS WEIGHT	490 KG

국동호이스
제한하중
2000 K

VIEW A

5	T/S RAIL	-	-	-	15KG/M	
4	UPPER LIMIT S/W	SS400	1			
3	SAFETY LATCH	SPC	1			
2	EMERGENCY S/W	-	1			
1	LOAD LIMITER	-	1			
NO.	DESCRIPTION	MT'L	SUB QTY	TOTAL WEIGHT(KG)	REMARKS.	
PROJECT						
TITLE						
KDC2-L12-D						
ARRANGEMENT DRAWING FOR HOIST						
DRAWN	DESIGNED	CHECKED	APPROVED	DATE	DIM	PROJECTION
					mm	3rd
REF. DRAWING						
KDC2D - 120						
KUK DONG HOIST CO., LTD.						
SHEET No. DWG No.						

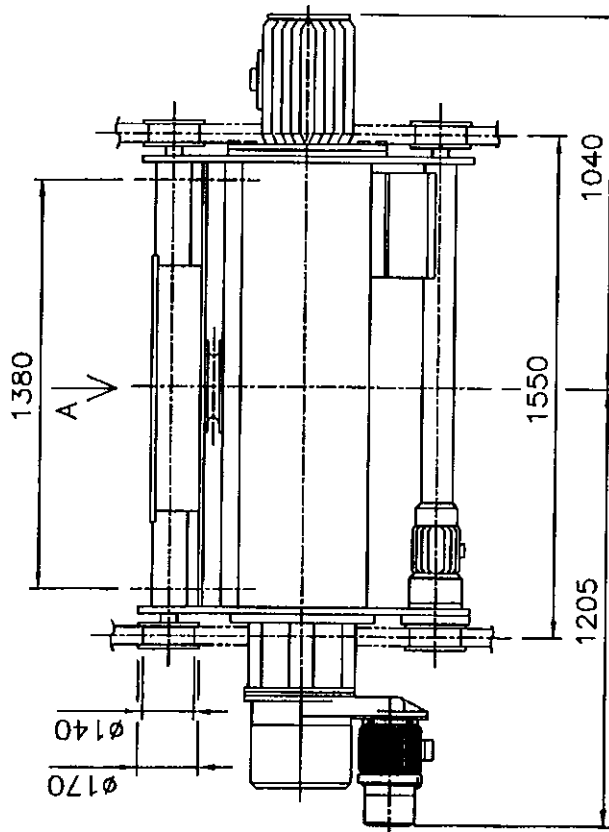
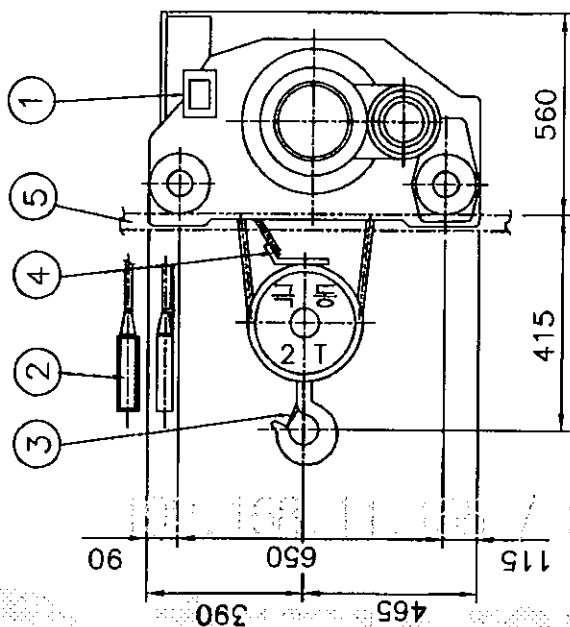


SPECIFICATION			
RATED LOAD	2 TON	2.5 TON	18 M
TESTING LOAD	10 / 1.0 M/MIN	3.7/0.4 KW x 4P	24 M/MIN
HOISTING	MOTOR	0.75 KW x 4 P	16 M/MIN
TRAVERSING	MOTOR	0.5 KW x 6 P	24/12 M/MIN
WIRE ROPE	(6x19) Ø8 x 4 FALLS	AC3Ø 220V(380,440,480V) 60HZ	15 KG/M
POWER SOURCE			580 KG
TRAVERSING RAIL			
GROSS WEIGHT			

극동 호이스트
제한하중
2000 K

VIEW A

NO.	DESCRIPTION	MTL	SUB QTY	TOTAL	WEIGHT(kg)	REMARKS.
5	T/S RAIL	-	-	-	-	15KG/M
4	UPPER LIMIT S/W	SS400	1	1		
3	SAFETY LATCH	SPC	1	1		
2	EMERGENCY S/W	-	1	1		
1	LOAD LIMITER	-	1	1		
PROJECT	DATE	DATE	DATE	DATE	DATE	DATE
TITLE	KDC2-L18-D	SCALE	A3/20	PROJECTION	3rd	
DRAWN	DESIGNED	CHECKED	APPROVED	REF. DRAWING		
극동호이스트 주식회사 KUK DONG HOIST CO., LTD.						SHEET No. DWG No. KDC2D - 180

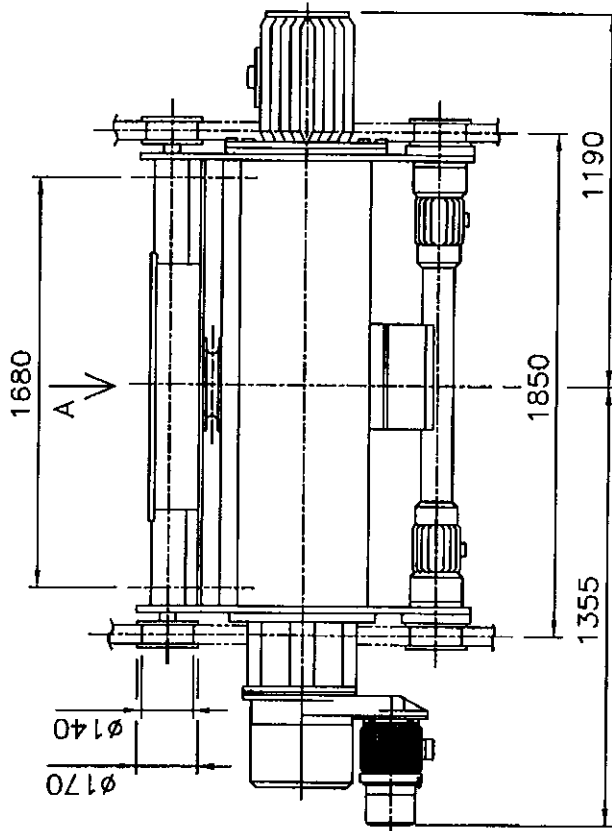
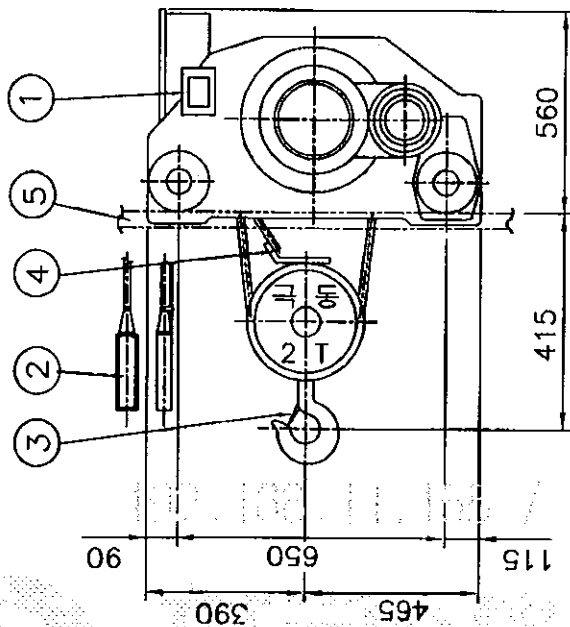


SPECIFICATION	
RATED LOAD	2 TON
TESTING LOAD	2.5 TON
DFT	24 M
	10 / 1.0 M/MIN
HOISTING	3.7/0.4 KW x 4P
SPEED	24 M/MIN
	0.75 KW x 4 P
TRAVERSING	16 M/MIN
	0.5 KW x 6 P
DUAL	24/12 M/MIN
	0.8/0.4 KW x 4/8 P
HIGH	16/8 M/MIN
	0.5/0.25 KW x 6/12 P
DUAL	(6x19) Ø8 x 4 FALLS
	AC3Ø 220V(380,440,460,480V) 60Hz
POWER SOURCE	15 KG/M
TRAVERSING RAIL	670 KG
GROSS WEIGHT	

국동호이스
제한하중
2000 K

VIEW A

5	T/S RAIL	-	-	-	15KG/M
4	UPPER LIMIT S/W	SS400	1		
3	SAFETY LATCH	SPC	1		
2	EMERGENCY S/W	-	1		
1	LOAD LIMITER	-	1		
NO.	DESCRIPTION	M'T'L	SUB	TOTAL	REMARKS.
			QTY	WEIGHT(kg)	
PROJECT				DATE	DIM
					mm
TITLE		KDC2-L24-D			
ARRANGEMENT DRAWING FOR HOIST		SCALE			
DRAWN	DESIGNED	CHECKED	APPROVED	A3/20	3rd
				REF. DRAWING	
KDC2D - 240		KUK DONG HOIST CO., LTD.		SHEET No.	DWG No.
		극동호이스트 주식회사		KDC2D - 240	



SPECIFICATION	
RATED LOAD	2 TON
TESTING LOAD	2.5 TON
UPLIFT	30 M
HOISTING	
SPEED	10/1.0 M/MIN
MOTOR	3.7/0.4 KW x 4P
SPEED	24 M/MIN
HIGH MOTOR	0.75 KW x 4 P (2UNIT)
LOW MOTOR	16 M/MIN
DUAL SPEED	0.5 KW x 6 P (2UNIT)
HIGH MOTOR	24/12 M/MIN
DUAL SPEED	0.8/0.4 KW x 4/8 P (2UNIT)
LOW MOTOR	16/8 M/MIN
WIRE ROPE	0.5/0.25 KW x 6/12 P (2UNIT)
POWER SOURCE	(6x19) Ø8 x 4 FALLS
TRAVERSING RAIL	AC3Ø 220V(380,440,460,480V) 60HZ
GROSS WEIGHT	15 KG/M
	740 KG

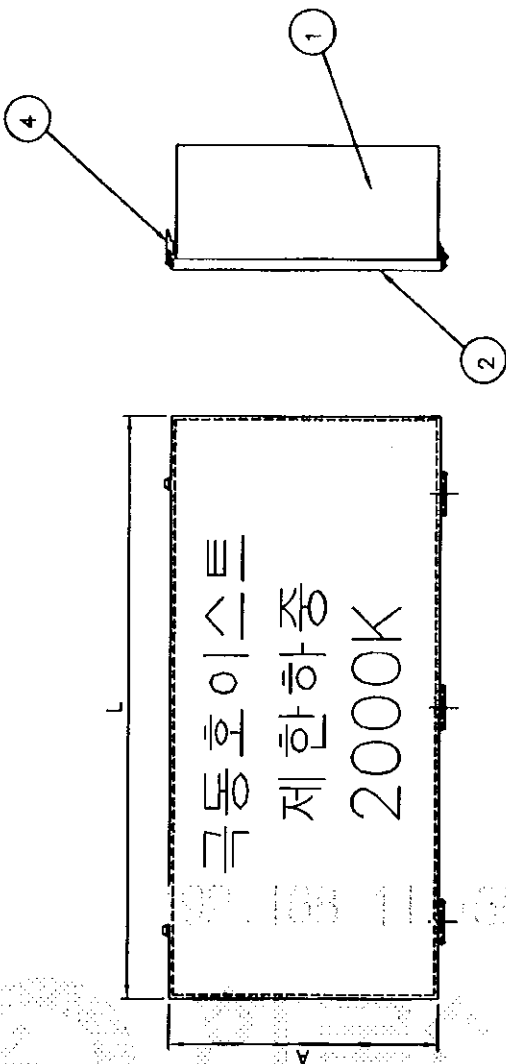
극동호이스트
제한하중
2000 K

VIEW A

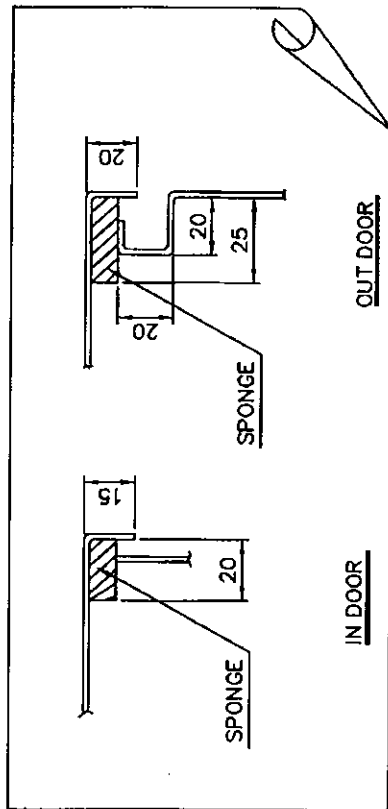
5	T/S RAIL	-	-	-	15KG/M
4	UPPER LIMIT S/W	SS400	1		
3	SAFETY LATCH	SPC	1		
2	EMERGENCY S/W	-	1		
1	LOAD LIMITER	-	1		
NO.	DESCRIPTION	MTL	SUB QTY	SUB TOTAL WEIGHT(Kg)	REMARKS.
PROJECT					
TITLE					
KDC2-L30-D					
ARRANGEMENT DRAWING FOR HOIST					
DRAWN	DESIGNED	CHECKED	APPROVED	SCALE	PROJECTION
				A3/20	3rd
REF. DRAWING					
DATE					
DIM					
mm					
SHEET No. DWG No.					
KDC2D - 300					

KID
극동호이스트 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
ADR'S NO.																			



NO	DESCRIPTION	MT'L	REMARKS
1	PANEL CASE	SPC	2.3t
2	PANEL COVER	SPC	2.3t
3	HINGE	PUR'	
4	CLAMP	PUR'	
5	SPONGE	PUR'	



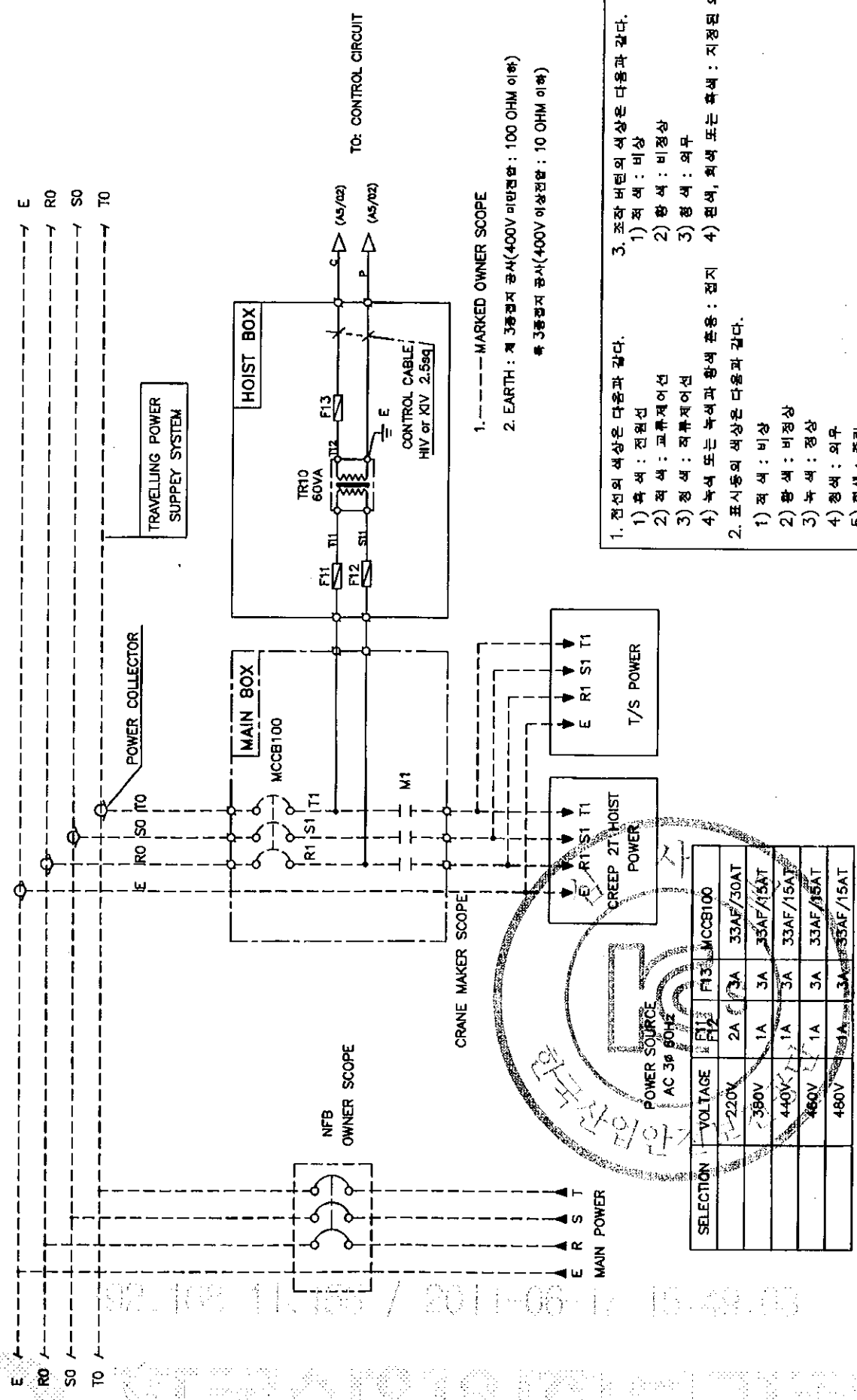
NOTE

- PROTECTION DEGREE :
A. INDOOR TYPE : DUST PROOF
B. OUT DOOR TYPE : SPLASH PROOF
- FINAL PAINTING COLOR (MUNSELL NO.)
A. IN SIDE : 10B 3/5
B. OUT SIDE : 10B 3/5
- PAINTING THICKNESS : ABOVE 40 μ m
- APPLICATION VOLTAGE : 220V, 380V, 440V, 460V, 480V
- 제어용 전선 : 2.5sq KIV, H/V
- 외함 기밀 구조는 다음과 같다.
1) 외함 개방시 충전부분이 차단되도록 한다.
2) 외함 개방 후 충전되어있는 부분은 IP2X 이상의 직접 접촉 방호가 되어있을것.

SELECTION	HOIST CAPACITY	DESCRIPTION	IN DOOR		OUT DOOR			REMARK
			A	B	A	B	L	
	C 2 TON	CREEP	360	170	790	360	170	790
		T/S	240	150	350	240	150	350

DRAWING	DESIGN	CHECKED	APPROVED	SCALE	DATE	ORDER NO.
				NONE		
극동호이스트 주식회사 KUK DONG HOIST CO., LTD.						KDC2EB0
LAY-OUT						
CUSTOMER		CREEP HOISTING CONTROL BOX				
DRAWING TITLE						
DATE	REVISIONS	CHK.	APP.			

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)
 제 3종접지 공사(400V 이상전압 : 10 OHM 이하)

1. 전선의 색상은 다음과 같다.
 1) 흑색 : 전원선
 2) 적색 : 교류제어선
 3) 청색 : 교류제어선
 4) 녹색 또는 녹색과 황색 혼용 : 접지
 2. 표시등의 색상은 다음과 같다.
 1) 적색 : 비상
 2) 황색 : 비정상
 3) 녹색 : 정상
 4) 청색 : 외부
 5) 흰색 : 중립
3. 조차 버림의 색상은 다음과 같다.
 1) 적색 : 비상
 2) 황색 : 비정상
 3) 청색 : 외부
 4) 흰색, 회색 또는 흑색 : 지정된 의미없음

SELECTION	VOLTAGE	F11	F12	F13	MCCB100
1	220V	2A	3A	3A	33AF/30AT
2	380V	1A	3A	3A	33AF/15AT
3	440V	1A	3A	3A	33AF/15AT
4	460V	1A	3A	3A	33AF/15AT
5	480V	1A	3A	3A	33AF/15AT

DRAWING	DESIGN	CHECKED	APPROVED	SCALE	DATE	ORDER NO.
				NONE		
KUK DONG HOIST CO., LTD.						KDC02E001
KUK DONG HOIST CO., LTD.						
MAIN POWER CIRCUIT 1						
DIAGRAM						
CUSTOMER						
DRAWING TITLE						
REVISIONS	CHK.	APP.				
DATE						

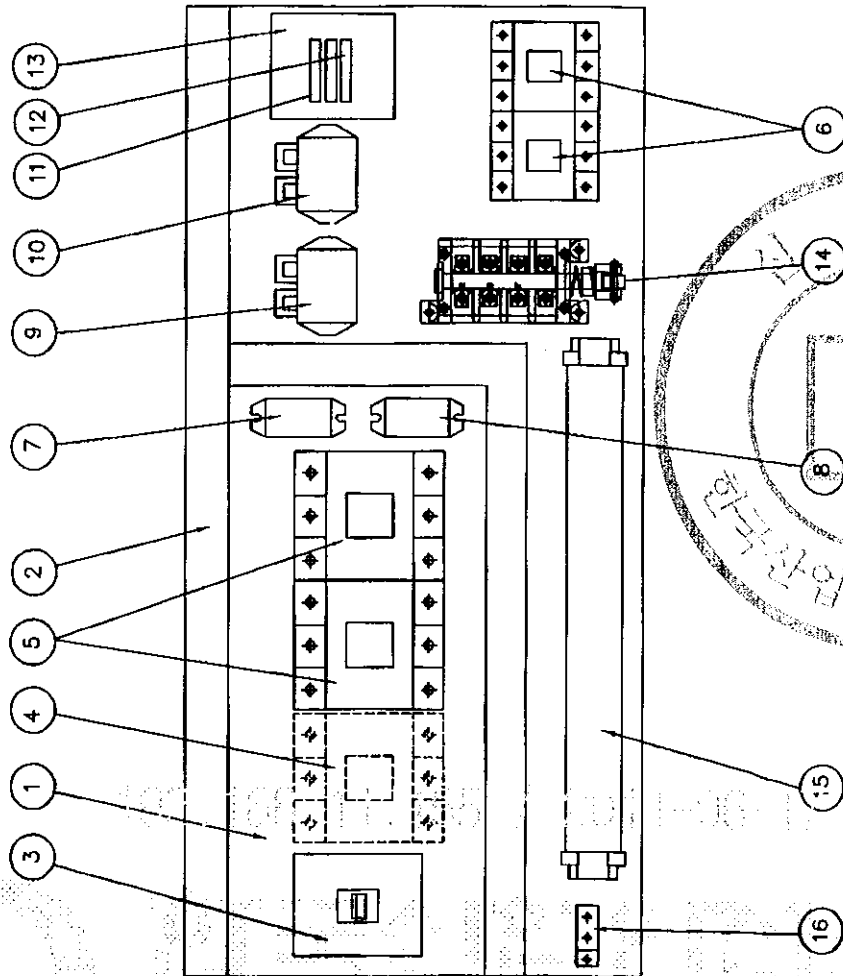
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20

ADR'S NO.

NO	DESCRIPTION	SPECIFICATION	Q'TY	REMARK
1	CHASSIS PLATE		1	이 연 도 금
2	CABLE DUCT	-	1	
3	N.F.B	33AF/30AT	1	HOISTING
4	MAGNET CONTACTOR	DOC-32P	1	MAIN MAG.
5	MAGNET CONTACTOR	DOC-40P	2	HOISTING
6	MAGNET CONTACTOR	DOC-22P	2	CREEP HOIST
7	SILICON RECTIFIER	SR-30	1	HOISTING
8	SILICON RECTIFIER	SR-30	1	CREEP HOIST
9	E.O.C.R	SS-30	1	HOISTING
10	E.O.C.R	SS-05	1	CREEP HOIST
11	FUSE	2 A	2	
12	FUSE	3 A	1	
13	TRANSFORMER	220V/110V(120V), 100VA	1	
14	UPPER LIMITER	AC 600V, 75A	1	LS-1,2
15	TERMINAL BLOCK	60A,15A		
16	EARTH TERMINAL	3tx20x50	1	

NOTE 1. 전선의 색상은 다음과 같다.

- 1) 흑색 : 교류 및 직류 전원선으로
 - 2) 적색 : 교류제어선
 - 3) 주황색 : 외부 전원에서 공급되는 연동장치 제어회로
 - 4) 녹색 또는 녹색과 황색 혼용 : 접지선
2. CABLE MATERIAL : KIV OR EQUIVALENT
MIN SIZE : 2.5sq
3. 제어용 전선 : 2.5mm KIV,HIV
4. 제작시 다소 변경 될수있음.
5. 외함 기밀구조는 다음과 같음.
- 1) 외함 개방시 충전부분이 차단되도록 할것.
 - 2) 외함 개방후 응전되어있는 부분은 IP2X 이상의 직접 접촉 방호가 되어있을것.

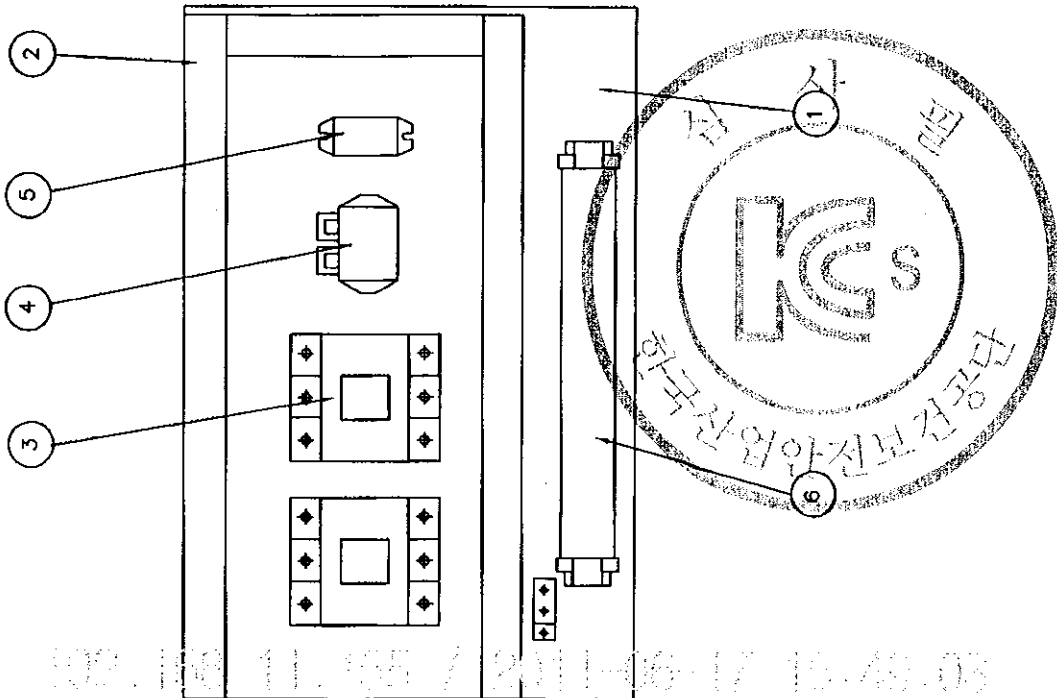


NOTE

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

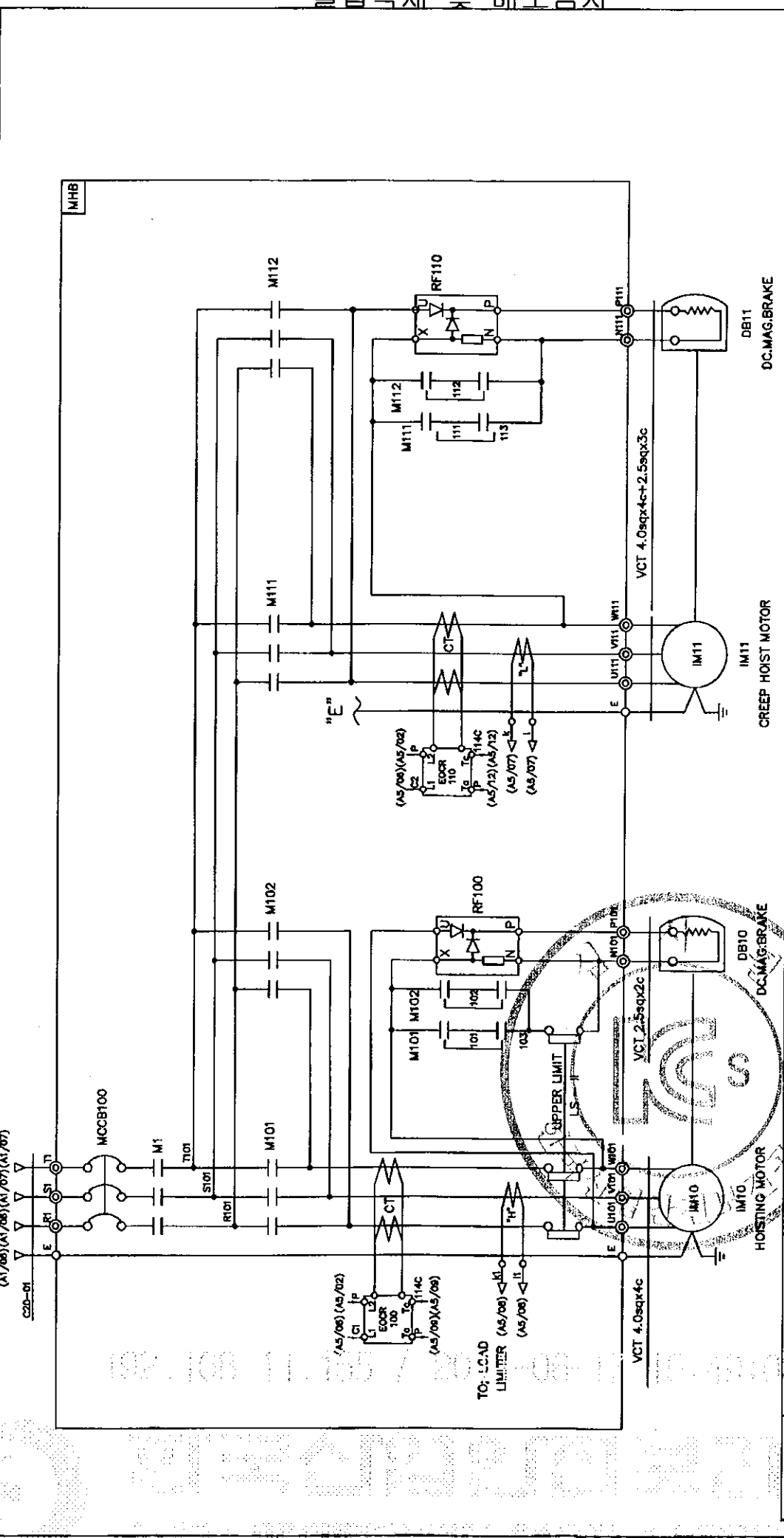
DRAWING		DESIGN	CHECKED	APPROVED	SCALE	DATE	ORDER NO.
CREEP HOIST CONTROL BOX					NONE		
ARRANGEMENT DRAWING		KUD KUK DONG HOIST CO., LTD.			DWG. NO	KDC2BA21	
DATE	REVISIONS	CHK.	APP.				

NO	DESCRIPTION	SPEC	Q'TY	REMARK
1	CHASSIS PLATE	-	1	아 현 도 끝
2	CABLE DUCT	-	1	
3	MAGNET CONTACTOR	DOC-22P	2	TRAVERSING
4	E.O.C.R	SS-05	1	TRAVERSING
5	SILICON RECTIFIER	SR-30	1	TRAVERSING
6	TERMINAL BLOCK	25A , 15A	1	TRAVERSING

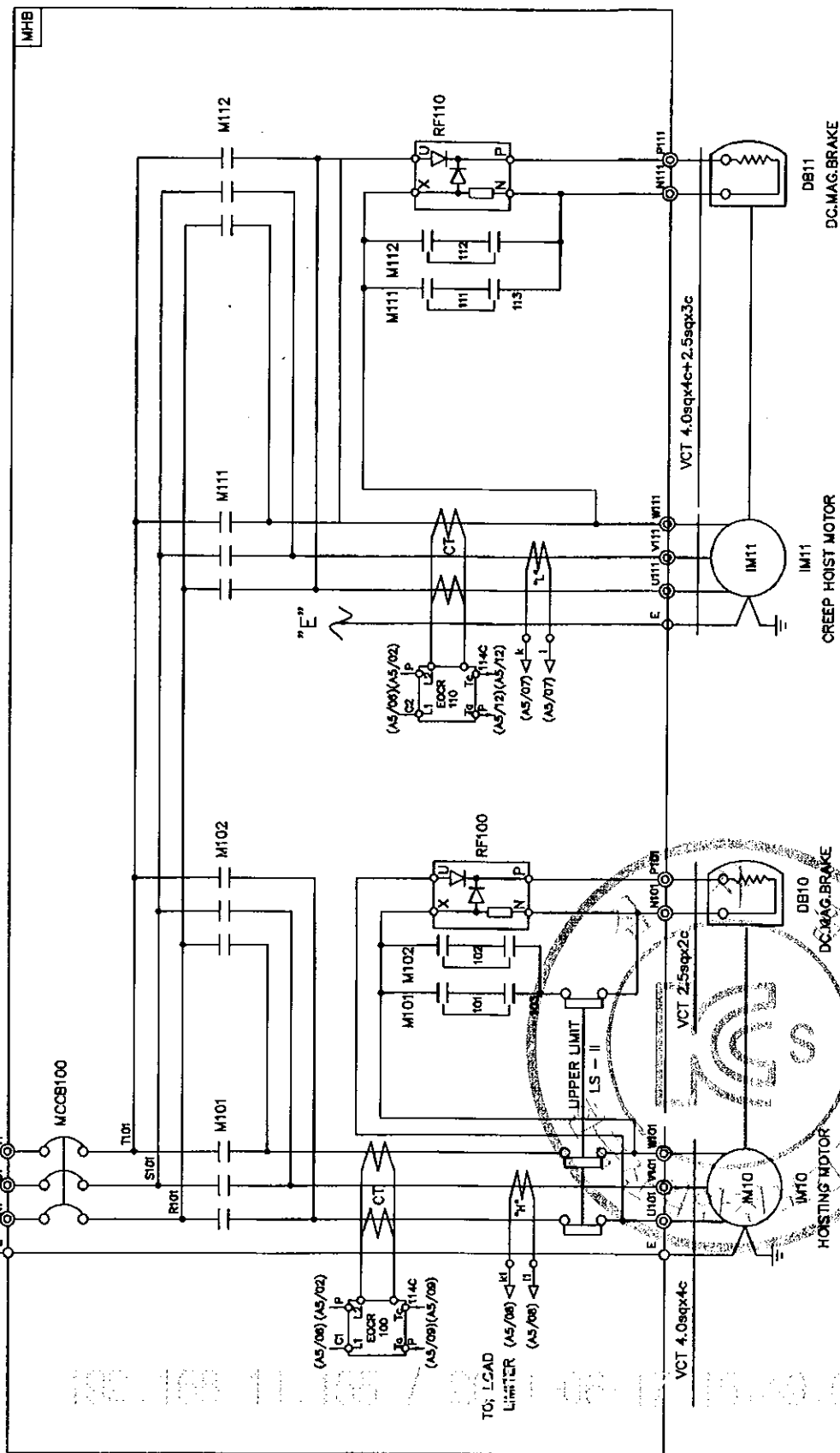


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1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
POWER CIRCUIT										CREEP HOIST MOTION									
HOISTING MOTION										CREEP HOIST MOTION									
C20-01										B1									
ADR'S NO.										B1									

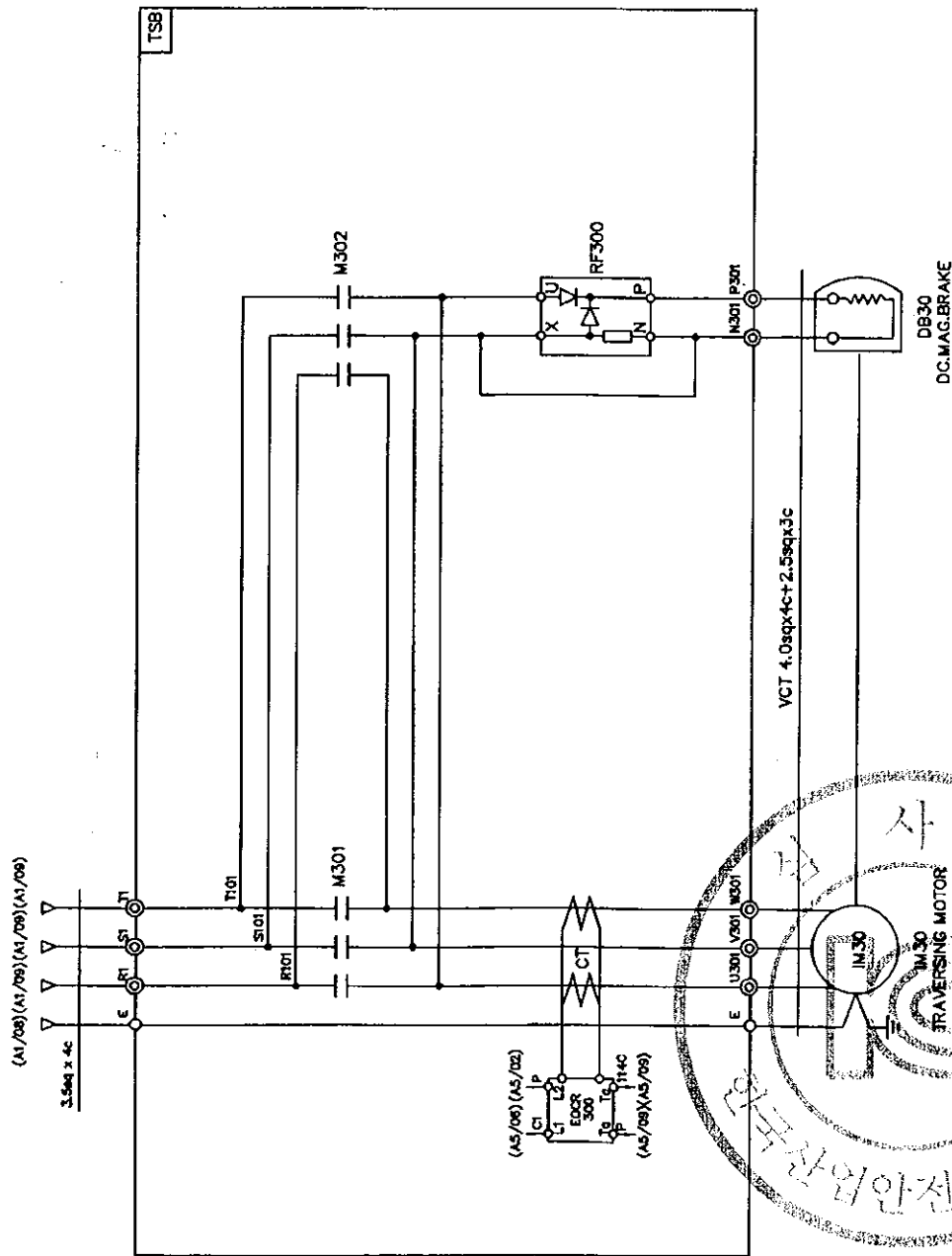


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POWER CIRCUIT										CREEP HOIST MOTION									
HOISTING MOTION										CREEP HOIST MOTION									
C20-01										B1									
ADR'S NO.										B1									



SPECIFICATION SYMBOLS	HOISTING POWER	HOISTING MOTOR	DC MAG. BRAKE	NO. FUSE	TRANSFORMER	FUSE	MAGNET CONTACTOR	UPPER LIMIT	ELECTRIC OVER CURRENT RELAY	SILICON RECTIFIER	LOAD LIMITER	CABLE
DESCRIPTION	2T0N AC3PH 220V 60Hz	IM-10	DB10	MCCB100	TR 1	F11, F12	M101, M102	LS-I, LS-II	EOCR100	RF110	RF110	C20-01
SELECTION	2T0N AC3PH 220V 60Hz	3.7KW/4P	0.4KW/4P	DBE-33AF/30A	220V/110V/120V/100VA	2A	DOC-40P	DOC-22P	SS-05	SR-30	JOL-100	VFCT 6.0sqx4c
MAKER	KUKDONG	DAERYUK	SHINHAN	DAERYUK	SHINHAN	-	DAERYUK	KUK DONG	ASECO	JUNGHO	DONGIL	
CUSTOMER	CREEP HOISTING POWER & CONTROL											
DRAWING TITLE	CIRCUIT DIAGRAM											
REVISIONS	KUKDONG HOIST CO., LTD.											
DATE	DWG. NO. KDC02E22											
CHK. APP.	KUKDONG HOIST CO., LTD.											
DATE	DWG. NO. KDC02E22											
DATE	DWG. NO. KDC02E22											

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

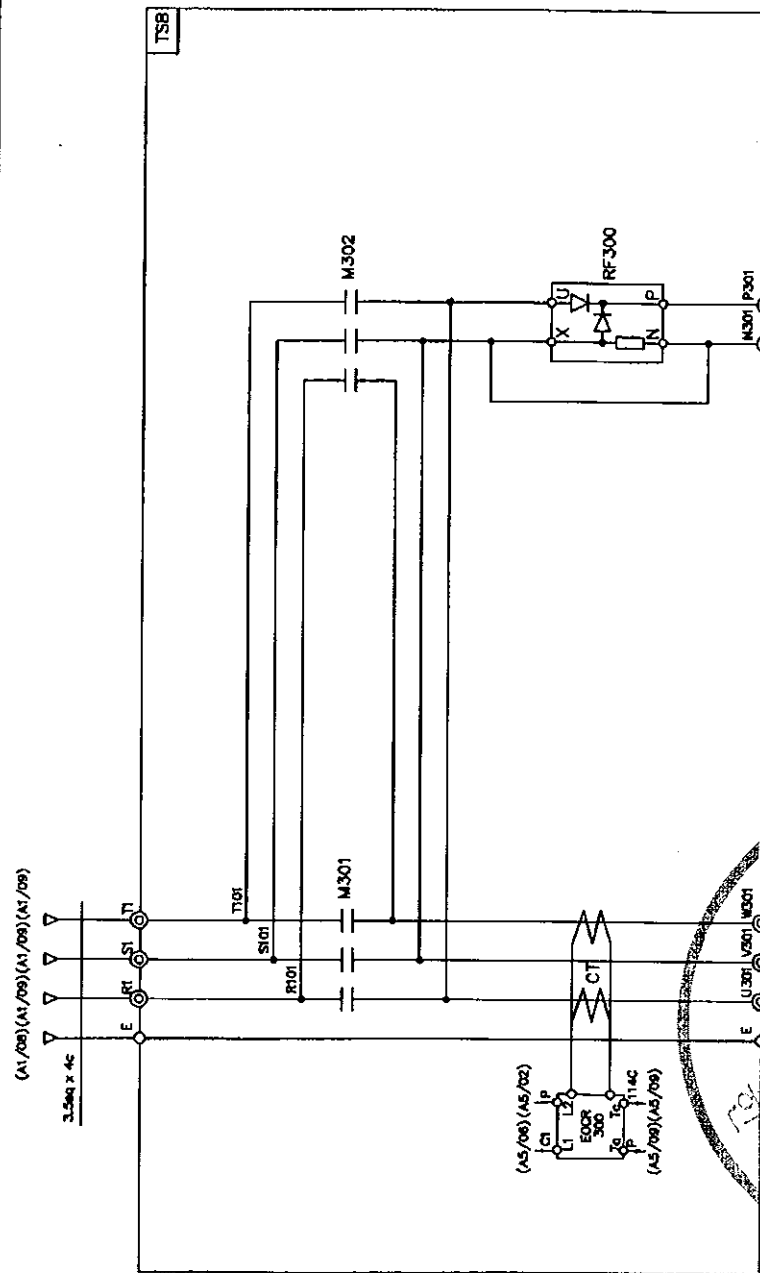


SPECIFICATION		SYMBOLS		DESCRIPTION		DC MAG. BRAKE		MAGNET CONTACTOR		SILICON RECTIFIER		ELECTRIC OVER CURRENT RELAY		LIMIT SWITCH	
TRAVERSING MOTOR		IM 30		0.75KW x 4P AC 3PH 220V 60Hz		DB 30		M301, M302		RF 300		EOCR 300		LS-301, LS-302	
0.5KW x 6P AC 3PH 220V 60Hz						DC 100V		DOC-22P AC 110V		SR-30 AC 220V/DC 100V		SS-05		HY - W904	
SELECTION		MAKER		KUKDONG		DAERYUK		ASECO							
CUSTOMER															
DRAWING															
TITLE															
REVISIONS															
DATE															
CHK. APP.															
DWG. NO.															
KDC02E23															
KUK DONG HOIST CO., LTD.															
KDC02E23															

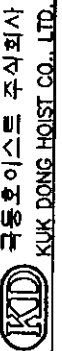
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POWER CIRCUIT																			
TRAVERSING MOTION																			
ADR'S NO.																			C2

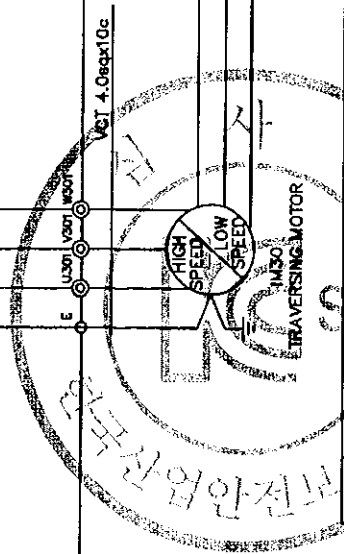


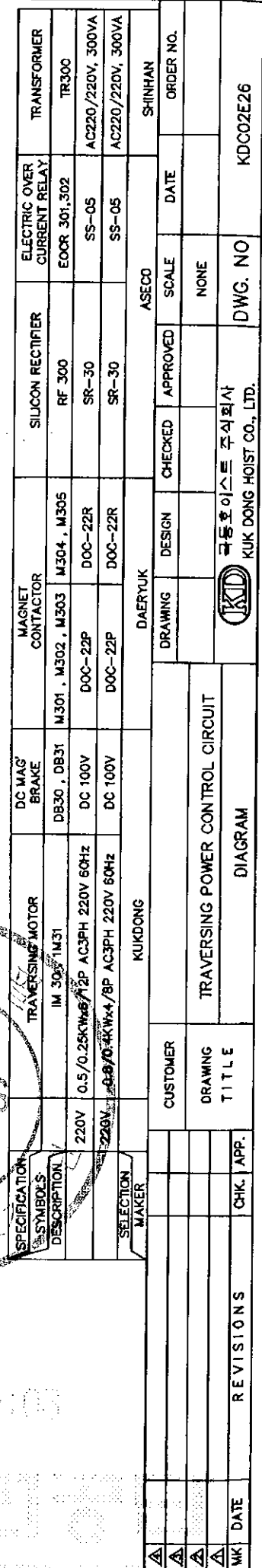
SPECIFICATION SYMBOLS		DESCRIPTION		LIMIT SWITCH	
TRAVERSING MOTOR		IM 30 , 1M31		LS-301 , LS-302	
0.75KW x 4P AC 3PH 220V 60Hz		DC 100V		HY - W904	
0.5KW x 6P AC 3PH 220V 60Hz		DC 100V		HY - W904	
SELECTION MAKER		DAERYUK		ASECO	
CUSTOMER		DRAWING		APPROVED	
		DESIGN		SCALE	
		CHECKED		DATE	
DRAWING TITLE		TRAVERSING POWER CONTROL CIRCUIT		ORDER NO.	
REVISIONS		CHK. APP.		DWG. NO	
				KDC02E24	



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

ADR'S NO.

NO	DESCRIPTION	SPECIFICATION	Q'TY	REMARK
1	CHASSIS PLATE		1	이 연 도 금
2	CABLE DUCT	-	1	
3	N.F.B	33AF/15AT	1	HOISTING
4	MAGNET CONTACTOR	DOC-22P	1	MAIN MAG.
5	MAGNET CONTACTOR	DOC-22P	2	HOISTING
6	MAGNET CONTACTOR	DOC-22P	2	CREEP HOIST
7	SILICON RECTIFIER	SR-30	1	HOISTING
8	SILICON RECTIFIER	SR-30	1	CREEP HOIST
9	E.O.C.R	SS-30	1	HOISTING
10	E.O.C.R	SS-05	1	CREEP HOIST
11	FUSE	1 A	2	
12	FUSE	3 A	1	
13	TRANSFORMER	220V/110V(120V), 60VA	1	
14	UPPER LIMITER	AC 600V, 75A	1	LS-1,2
15	TERMINAL BLOCK	60A,15A		
16	EARTH TERMINAL	3tx20x50	1	

NOTE 1. 전선의 색상은 다음과 같다.

1) 흑색 : 교류 및 직류 전원선으로

2) 적색 : 교류제어선

3) 주황색 : 외부 전원에서 공급되는 연동장치 제어회로

4) 녹색 또는 노색과 황색 혼용 : 접지선

2. CABLE MATERIAL : KIV OR EQUIVALENT

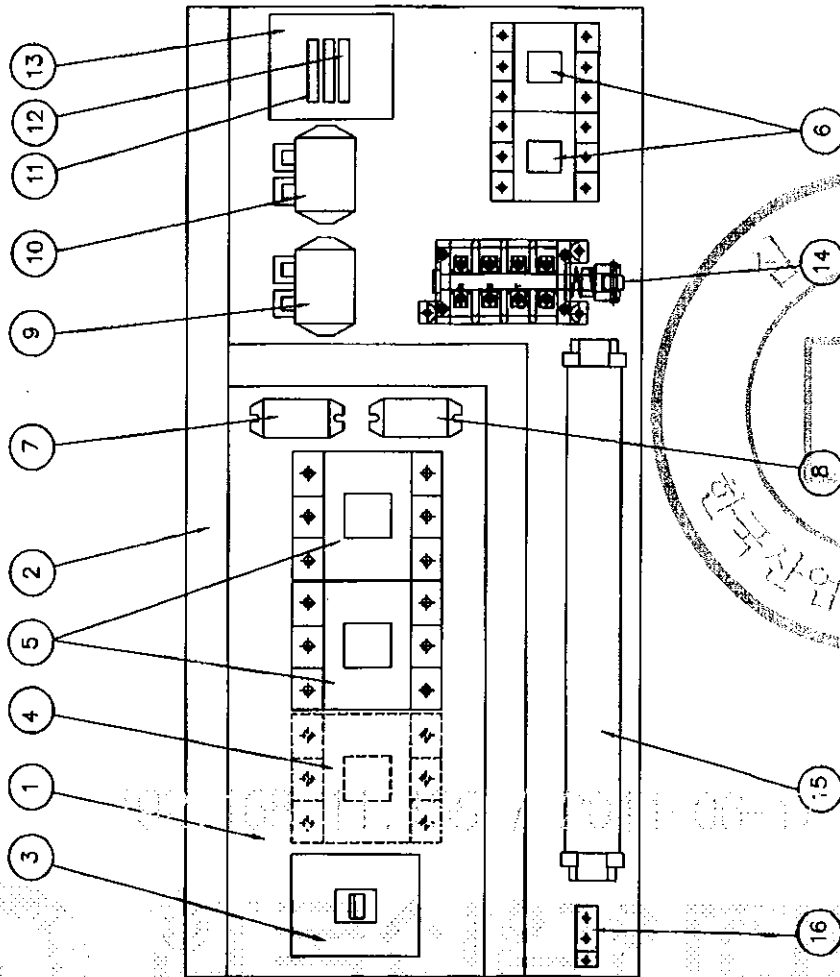
3. 제어용 전선 : 2.5mm KIV/HIV

4. 제직시 다소 변경 될수있음.

5. 외함 개방구조는 다음과 같을것.

1) 외함 개방시 충전부분이 차단되도록 할것.

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



NOTE

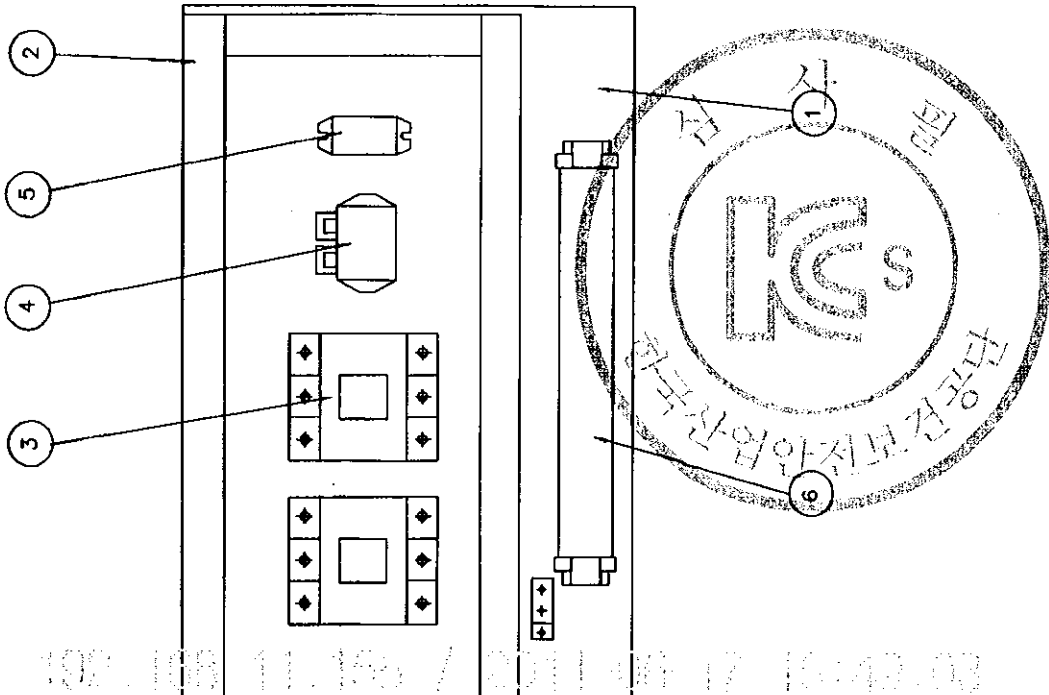
1. UPPER LIMIT LS-1,LS-2의 점접 허용전류 : AC 600V, 75A

2. POWER SOURCE : AC 3φ 380V 60HZ

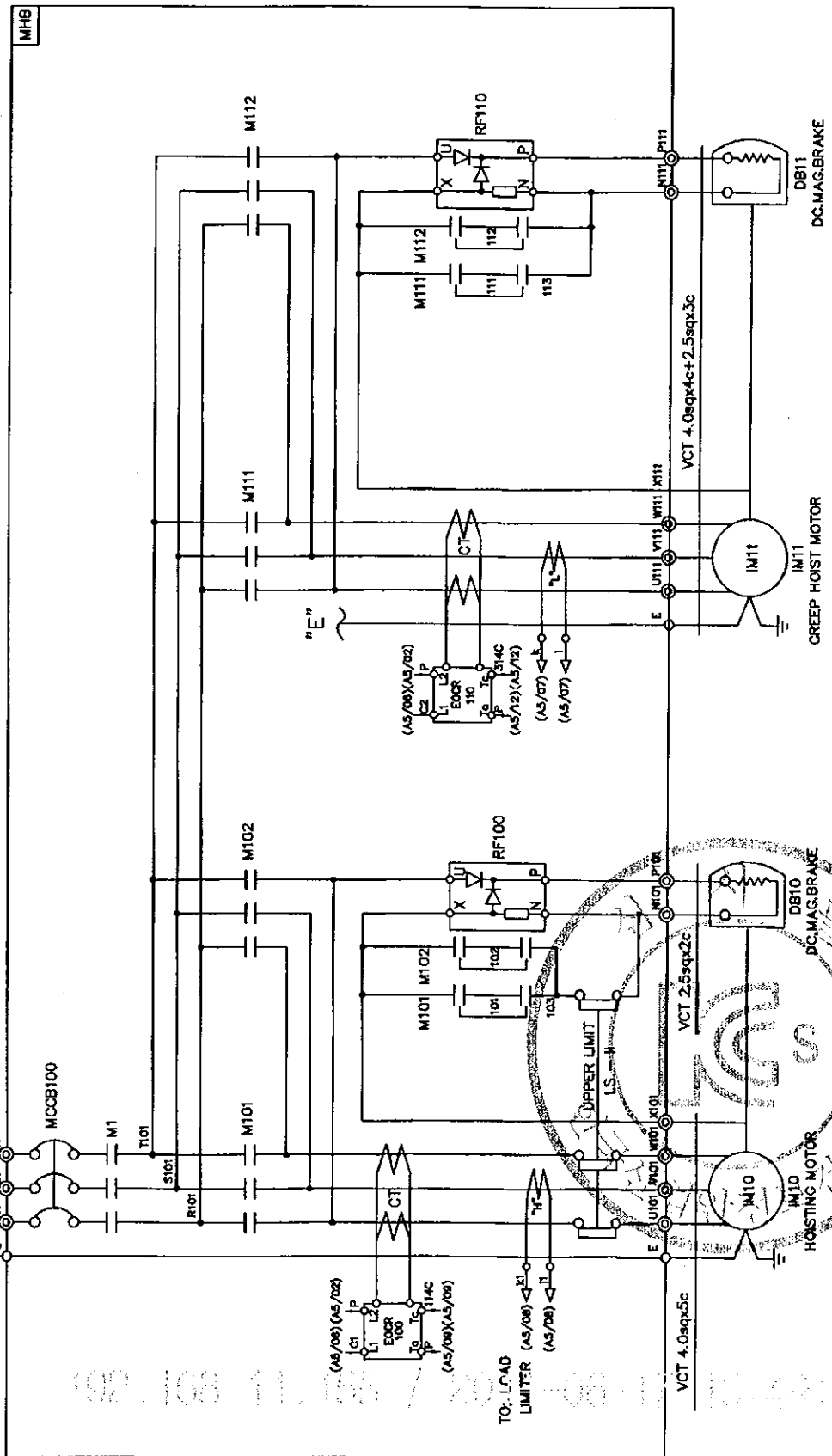
3. EARTH TERMINAL RESISTANCE : 0.018Ω

DRAWING	DESIGN	CHECKED	APPROVED	SCALE	DATE	ORDER NO.
				NONE		
KDD						KDC2BA31
극동호이스트 주식회사						DWG. NO
KUK DONG HOIST CO., LTD.						
CREEP HOIST CONTROL BOX						
ARRANGEMENT DRAWING						
CUSTOMER						
DRAWING TITLE						
REVISIONS						
CHK. APP.						
DATE						

NO	DESCRIPTION	SPEC	Q'TY	REMARK
1	CHASSIS PLATE	-	1	하 연 도 금
2	CABLE DUCT	-	1	
3	MAGNET CONTACTOR	DOC-22P	2	TRAVERSING
4	E.O.C.R	SS-05	1	TRAVERSING
5	SILICON RECTIFIER	SR-30	1	TRAVERSING
6	TERMINAL BLOCK	25A , 15A	1	TRAVERSING



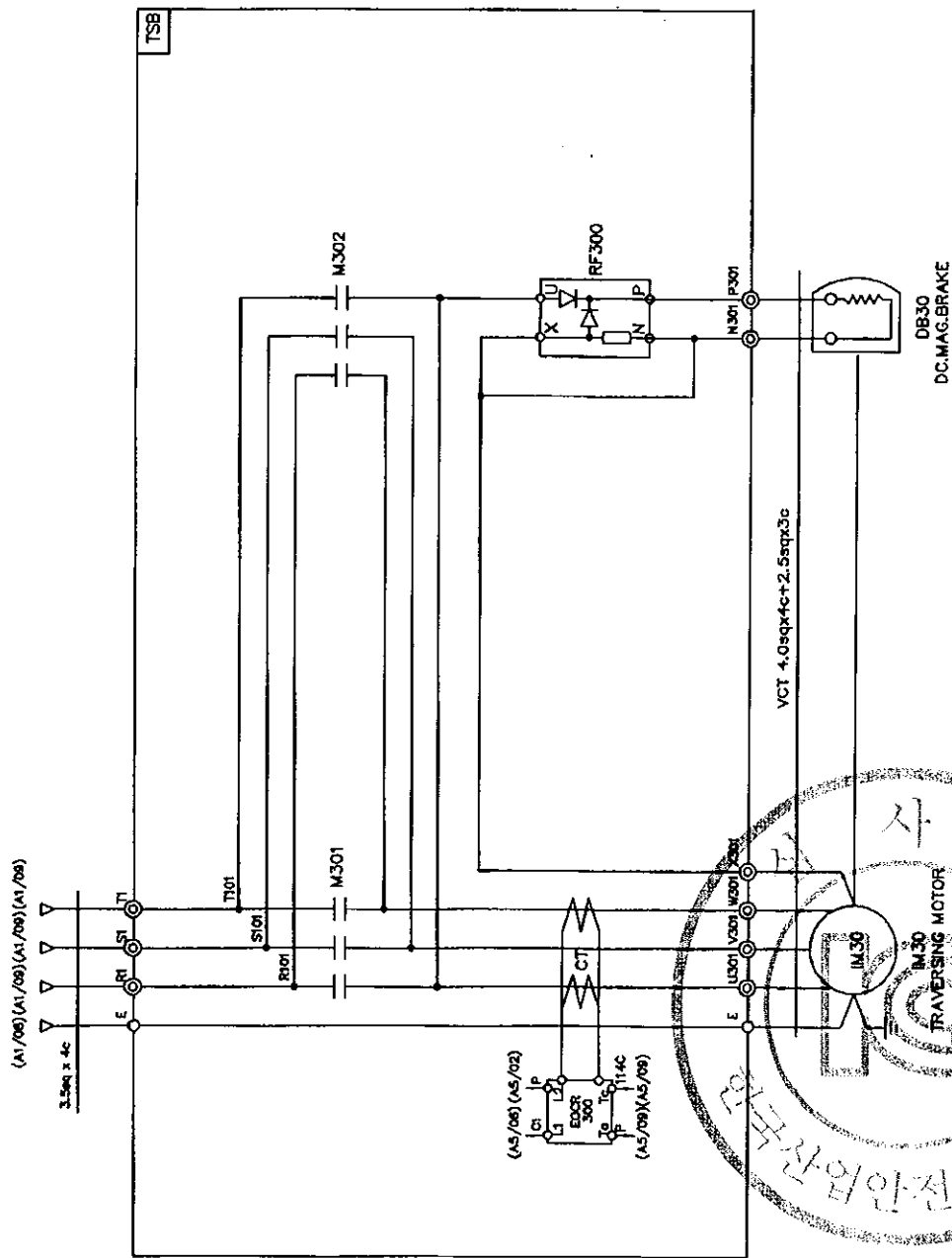
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MK	DATE	REVISIONS	CHK.	APP.	CUSTOMER	TRAVERSING POWER CONTROL BOX		DESIGN	CHECKED	APPROVED	SCALE	DATE	ORDER NO.	
					DRAWING TITLE	ARRANGEMENT DRAWING								



SPECIFICATION SYMBOLS	HOISTING POWER	HOISTING MOTOR	CREEP MOTOR	DC MAG. BRAKE	NO FUSE BREAKER	TRANSFORMER	FUSE	MAIN MAGNET	MAGNET CONTACTOR	UPPER LIMIT	ELECTRIC OVER CURRENT RELAY	SILICON RECTIFIER	LOAD LIMITER	CABLE
DESCRIPTION	HOIST	1M TO 3.7KW x 4P	1M 11	DB10, 11	MOGB100	TR 1	F1,F12 F13	M1	M101,M102 M111,M112	LS-I, LS-II	EOCR100 EOCR110	RF100 RF110	LOAD LIMITER	C20-01
	2TON AC 3PH 380V 60Hz	3.7KW x 4P	0.3KW x 4P	DC 100V	DBE-33AF/15A	380V/Δ/3W, 180V, 60VA	1A 3A	DOC-22P	DOC-22P	AC 600V 75A	SS-05	SR-30	JUL-100	VFC1 4.09gx4c
SELECTION						SHINHAN	-		DAERYUK	KUKDONG			JUNGHO	DONGIL
				CUSTOMER					DRAWING	DESIGN	CHECKED	APPROVED	SCALE	DATE
DATE	REVISIONS	CHK.	APP.	DRAWING TITLE				CREEP HOISTING POWER CONTROL CIRCUIT						
				DIAGRAM								DWG. NO		
												KDC02E31		
				 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										CREEP HOIST MOTION									
HOISTING MOTION										CREEP HOIST MOTION									
ADR'S NO.										B1									

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.																			CI



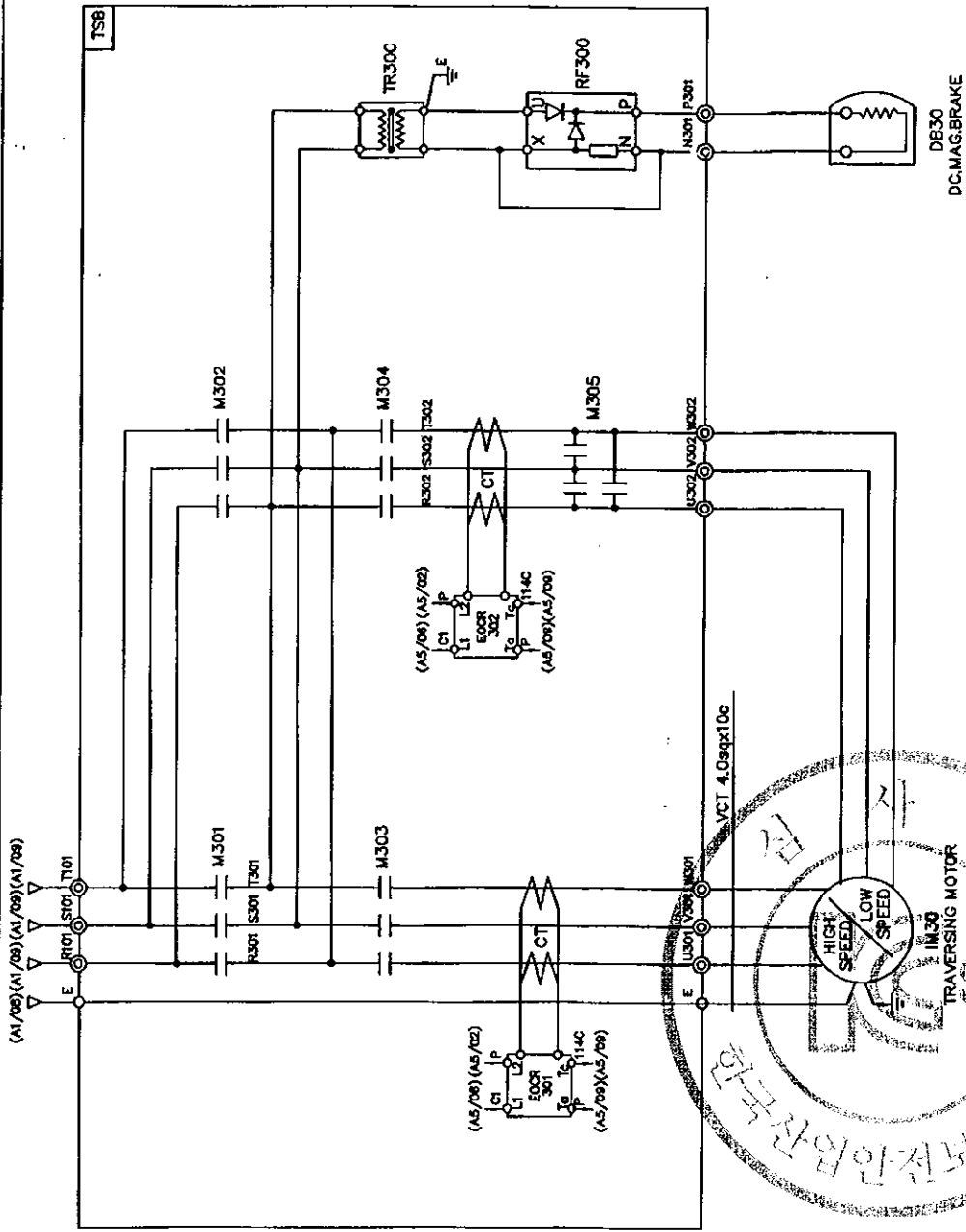
SPECIFICATION SYMBOLS		DESCRIPTION		DC MAG. BRAKE		MAGNET CONTACTOR		SILICON RECTIFIER		ELECTRIC OVER CURRENT RELAY		LIMIT SWITCH	
TRAVERSING MOTOR		IM 30		DB 30		M301, M302		RF 300		EOCR 300		LS-301, LS-302	
0.75KW x 4P AC 3PH 380V 60Hz				DC 100V		DOC-22P AC 110V		SR-30 AC 220V/DC 100V		SS-05		HY - W904	
0.5KW x 6P AC 3PH 380V 60Hz				DC 100V		DOC-22P AC 110V		SR-30 AC 220V/DC 100V		SS-05		HY - W904	
SELECTION		KUKDONG				DAERYUK		ASECO					
MAKER													
CUSTOMER													
DRAWING TITLE		TRAVERSING POWER CONTROL CIRCUIT											
REVISIONS													
DATE													
CHK. APP.													
DWG. NO.													
KDC02E33													

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SPECIFICATION SYMBOLS	DESCRIPTION
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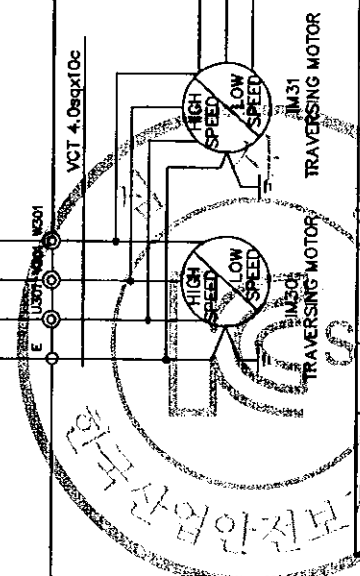
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POWER CIRCUIT																			
TRAVERSING MOTION																			
ADR'S NO.																			C2



SPECIFICATION SYMBOLS		DESCRIPTION		MAGNET CONTACTOR		SILICON RECTIFIER		ELECTRIC OVER CURRENT RELAY		TRANSFORMER	
DB30		DC MAG BRAKE		M301, M302, M303		RF 300		EOCR 301, 302		TR300	
DC100V		DC 100V		DOC-22P		SR-30		SS-05		AC380/220V, 300VA	
DC100V		DC 100V		DOC-22P		SR-30		SS-05		AC380/220V, 300VA	
SELECTION MAKER		KUKDONG		DAERYUK		ASECO		SHINHAN			
CUSTOMER				DRAWING		DESIGN		CHECKED		APPROVED	
DRAWING TITLE		TRAVERSING POWER CONTROL CIRCUIT									
DATE		REVISIONS		CHK.		APP.		DWG. NO.		KDC02E35	

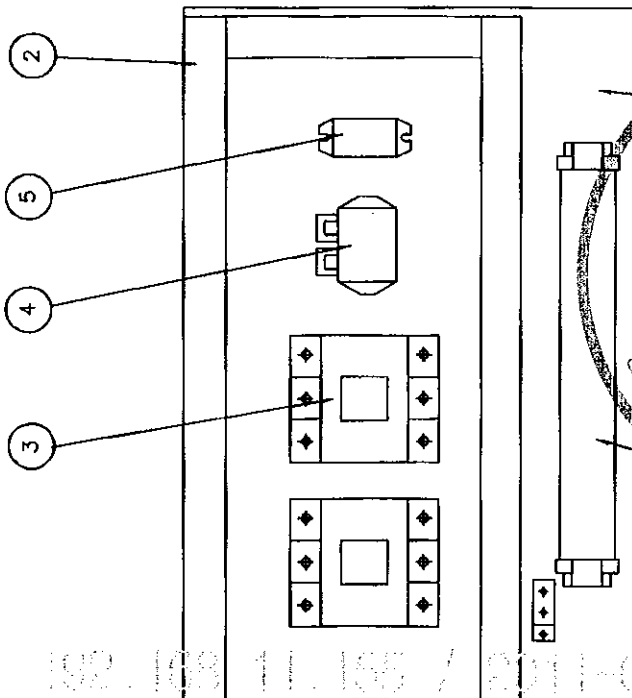
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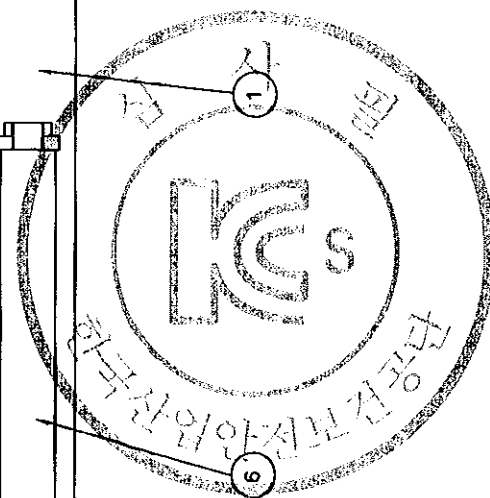
[illegible]

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

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



NO	DESCRIPTION	SPEC	Q'TY	REMARK
1	CHASSIS PLATE	-	1	아 연 도 금
2	CABLE DUCT	-	1	
3	MAGNET CONTACTOR	DOC-22P	2	TRAVERSING
4	E.O.C.R	SS-05	1	TRAVERSING
5	SILICON RECTIFIER	SR-30	1	TRAVERSING
6	TERMINAL BLOCK	25A, 15A	1	TRAVERSING



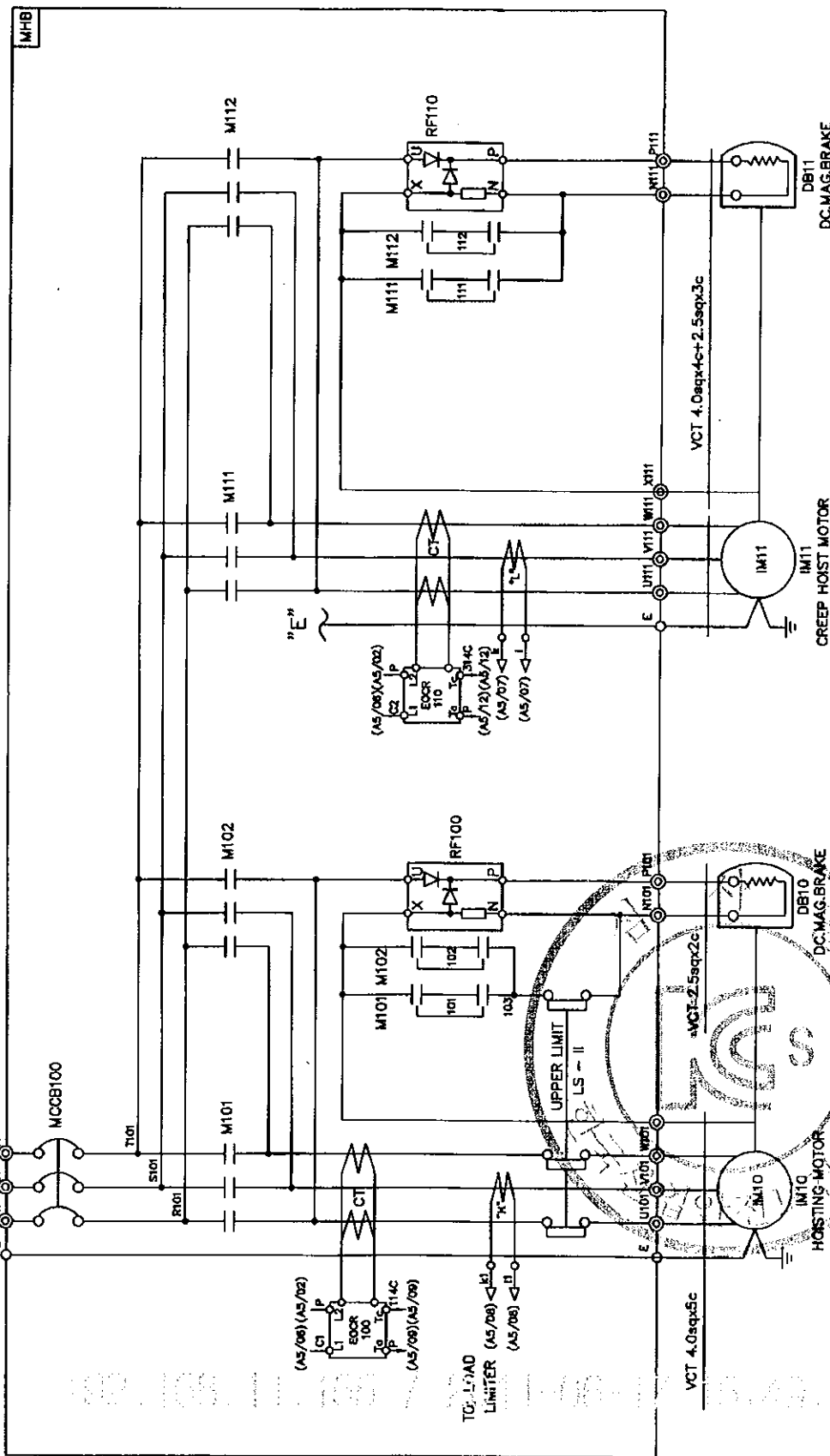
DRAWING	DESIGN	CHECKED	APPROVED	SCALE	DATE	ORDER NO.
				NONE		
KUKDONG HOIST CO., LTD.						
KDC2bt42						

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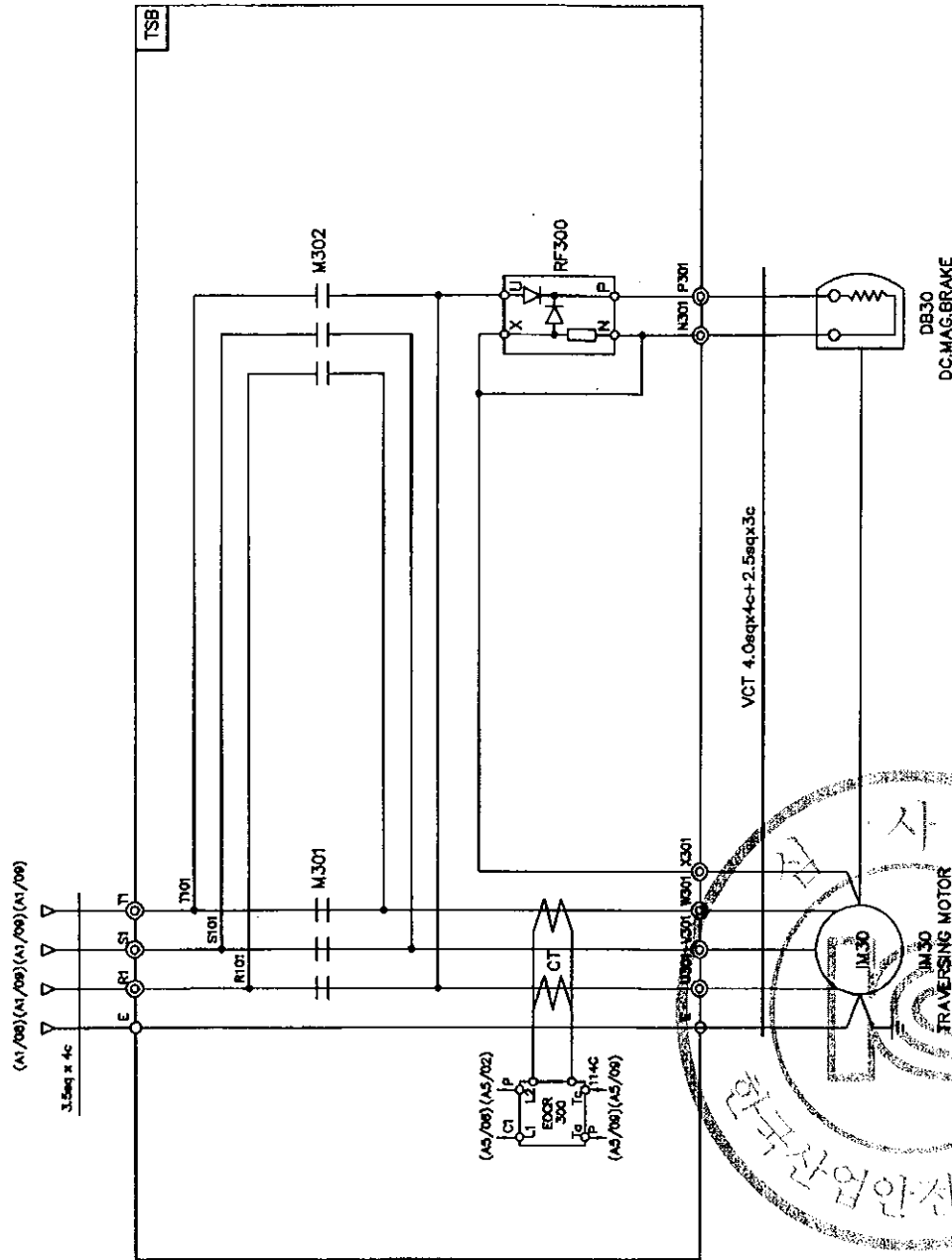


SPECIFICATION SYMBOLS	HOISTING POWER		HOISTING MOTOR	CREEP MOTOR	DC MAG. BRAKE	NO. FUSE BREAKER	TRANSFORMER	FUSE	MAIN MAGNET	MAGNET CONTACTOR	UPPER LIMIT	ELECTRIC OVER CURRENT RELAY	SILICON RECTIFIER	LOAD LIMITER	CABLE
	DESCRIPTION														
SELECTION / MAKER	HOIST		IM 10	IM 11	DB10, 11	CCB100	TR 1	F1,F12	M1	M101,M102	LS-I, LS-II	EOCR100	RF100	RF110	C20-01
	2TON AC 3PH 440V 60HZ		3.7KW x 4P	0.4KW x 4P	DC 100V	DBE-33AF/15A	440/110V/120V/60VA	1A	3A	DOC-22P	DOC-22P	AC 600V 75A	SS-05	SR-30	JDL-100
DATE	REVISIONS	CHK.	APP.	KUKDONG				SHIN/HAN	DAERYUK	DAERYUK	KUKDONG	APPROVED	SCALE	DATE	ORDER NO.
				CREEP HOISTING POWER CONTROL CIRCUIT											
DRAWING TITLE				DIAGRAM											
				극동호이스트 주식회사				DWG. NO.				KDC02E41			
KUK DONG HOIST CO., LTD.															



SPECIFICATION SYMBOLS	HOISTING POWER	HOISTING MOTOR	CREEP MOTOR	DC MAG. BRAKE	NO FUSE BREAKER	TRANSFORMER	FUSE		MAGNET CONTACTOR	UPPER LIMIT	ELECTRIC OVER CURRENT RELAY	SILICON RECTIFIER	LOAD LIMITER	CABLE
							F11, F12	F13						
DESCRIPTION	HOIST	IM 10	IM 11	DB10	MCB100	TR 1	F11, F12	F13	M101, M102	LS-I, LS-II	EOCR100	RF100	LOAD LIMITER	C20-01
SELECTION	2TON AC 3PH 440V 60Hz	3.7KW	Q-4KW	DC 100V	DBE-33AF/15A	440/110V/120V/80VA	1A	3A	DOC-22P	DOC-22P	SS-30	SR-30	JUL-100	VFC1 4.0sqx4C
MAKER	KUKDONG													
					DAERYUK	SHINHAN	-		DAERYUK	KUKDONG	ASECO		JUNGHO	DONGIL
			CUSTOMER											
			DRAWING											
			TITLE		CREEP HOISTING POWER CONTROL CIRCUIT									
DATE	REVISIONS	CHK.	APP.	 KUKDONG HOIST CO., LTD.										
				DWG. NO. KDC02E42										

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



SPECIFICATION		TRAVERSING MOTOR		DC MAG' BRAKE		MAGNET CONTACTOR		SILICON RECTIFIER		ELECTRIC OVER CURRENT RELAY		LIMIT SWITCH							
SYMBOLS		IM 30		DB 30		M301 , M302		RF 300		EOCR 300		LS-301 , LS-302							
DESCRIPTION		0.75KW x 4P AC 3PH 440V 60Hz		DC 100V		DOC-22P AC 110V		SR-30 AC 220V/DC 100V		SS-05		HY - W904							
		0.5KW x 8P AC 3PH 440V 60Hz		DC 100V		DOC-22P AC 110V		SR-30 AC 220V/DC 100V		SS-05		HY - W904							
SELECTION																			
MAKER				KUKDONG		DAERYUK		ASECO											
CUSTOMER						DRAWING		DESIGN		CHECKED		APPROVED		SCALE		DATE		ORDER NO.	
DRAWING														NONE					
TITLE				TRAVERSING POWER CONTROL CIRCUIT															
REVISIONS				DIAGRAM														DWG. NO	
CHK.																		KDC02E43	
APP.																			
DATE																			

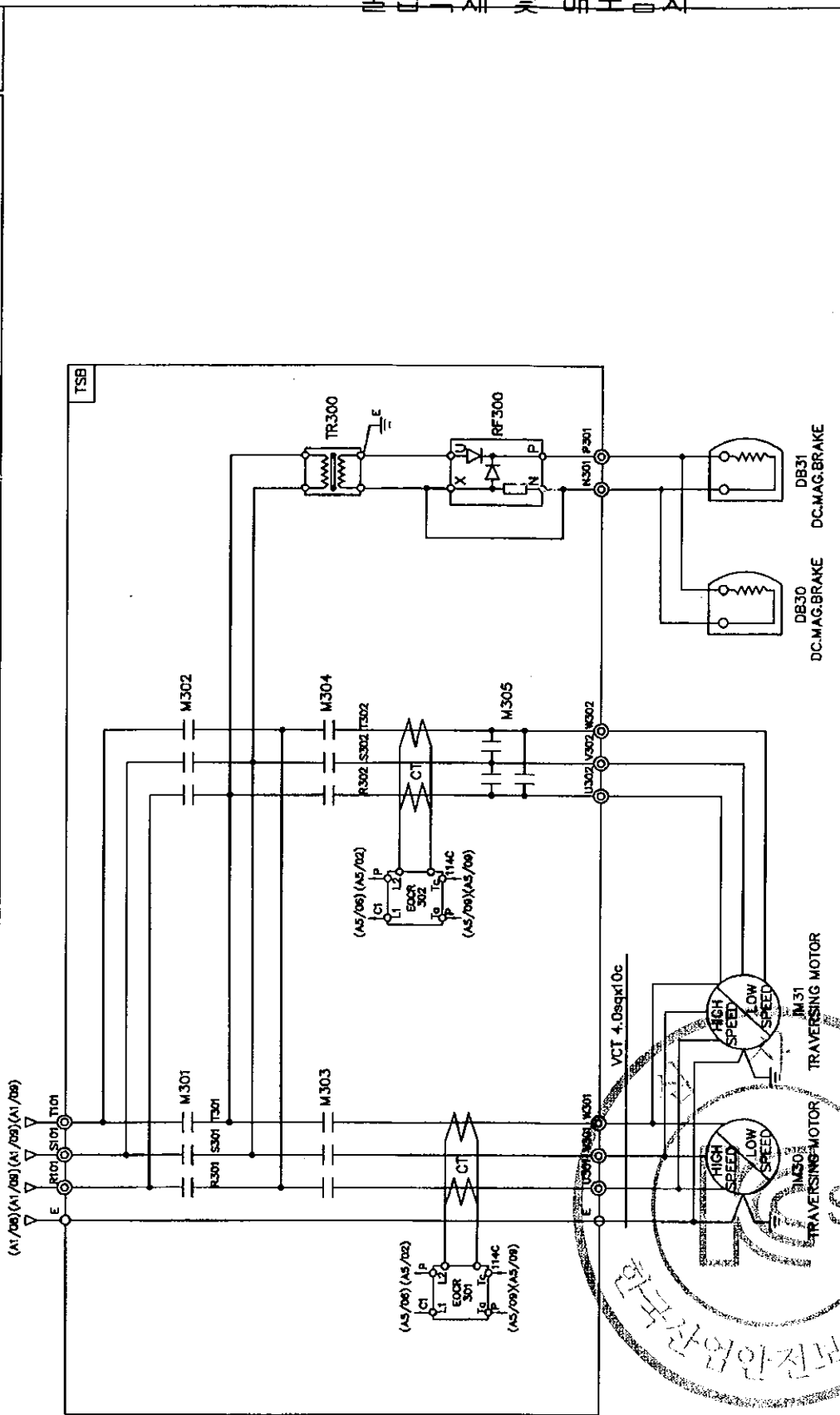
△	DATE	REVISIONS	CHK.	APP.	TITLE	DIAGRAM	 KID KIJU DONG HOIST CO., LTD.	DWG. NO	KDC02E44

The diagram illustrates a DC motor control system for a traversing motor. Key components and connections include:

- Power Supply:** TSB (Terminal Supply Block) provides the main power input.
- Motor and Brake:** The system controls a **TRAVERSING MOTOR** (M301) and a **DC.MAG.BRAKE** (C930).
- Control Circuitry:**
 - Relay (CT):** A central control relay (CT) manages the motor's operation.
 - Speed Control:** A speed control circuit (VCT 4.0eqx10c) is connected to the motor.
 - Resistors and Capacitors:** Various components like R301, R302, M301, M302, M303, M304, and M305 are used for timing and current limiting.
 - Transistors and Diodes:** Components like TR300, RF300, and U301 are part of the switching and control logic.
- Motor Characteristics:** The motor is labeled with "HIGH SPEED" and "LOW SPEED" settings.

[illegible]

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



SPECIFICATION		SYMBOLS		DESCRIPTION		MAGNET CONTACTOR		SILICON RECTIFIER		ELECTRIC OVER CURRENT RELAY		TRANSFORMER	
TRAVERSING MOTOR		IM 30		M301, M302, M303		M301, M302, M303		RF 300		EOCR 301, 302		TR 300	
440V		0.5/0.25KW		AC3PH 440V 60Hz		DOC-22P		DOC-22R		SS-05		AC440/220V, 300VA	
440V		0.9/0.45KW		AC3PH 440V 60Hz		DOC-22P		DOC-22R		SS-05		AC440/220V, 300VA	
SELECTION		MAKER		KUKDONG		DAERYUK		ASECO		SHINHAN			
CUSTOMER						DRAWING		DESIGN		CHECKED		APPROVED	
DRAWING		TITLE		TRAVERSING POWER CONTROL CIRCUIT		DATE		SCALE		NONE			
CHK.		APP.				DWG. NO		KDC02E46					
REVISIONS													
DATE													
MK													

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1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
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ADR'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/15AT	1	HOISTING
4	MAGNET CONTACTOR	DOC-22P	1	MAIN MAG.
5	MAGNET CONTACTOR	DOC-22P	2	HOISTING
6	MAGNET CONTACTOR	DOC-22P	2	CREEP HOIST
7	SILICON RECTIFIER	SR-30	1	HOISTING
8	SILICON RECTIFIER	SR-30	1	CREEP HOIST
9	E.O.C.R	SS-30	1	HOISTING
10	E.O.C.R	SS-05	1	CREEP HOIST
11	FUSE	1 A	2	
12	FUSE	3 A	1	
13	TRANSFORMER	220V/110V(120V), 60VA	1	
14	UPPER LIMITER	AC 600V, 75A	1	LS-1,2
15	TERMINAL BLOCK	60A, 15A		
16	EARTH TERMINAL	3tx20x50	1	

NOTE 1. 전선의 색상은 다음과 같다.

- 1) 흑색 : 교류 및 직류 전원선으로
- 2) 적색 : 교류 제어선
- 3) 주황색 : 외부 전원에서 공급되는 연동장치 제어회로
- 4) 녹색 또는 녹색과 황색 혼용 : 접지선

2. CABLE MATERIAL : KIV OR EQUIVALENT

MIN SIZE : 2.5sq

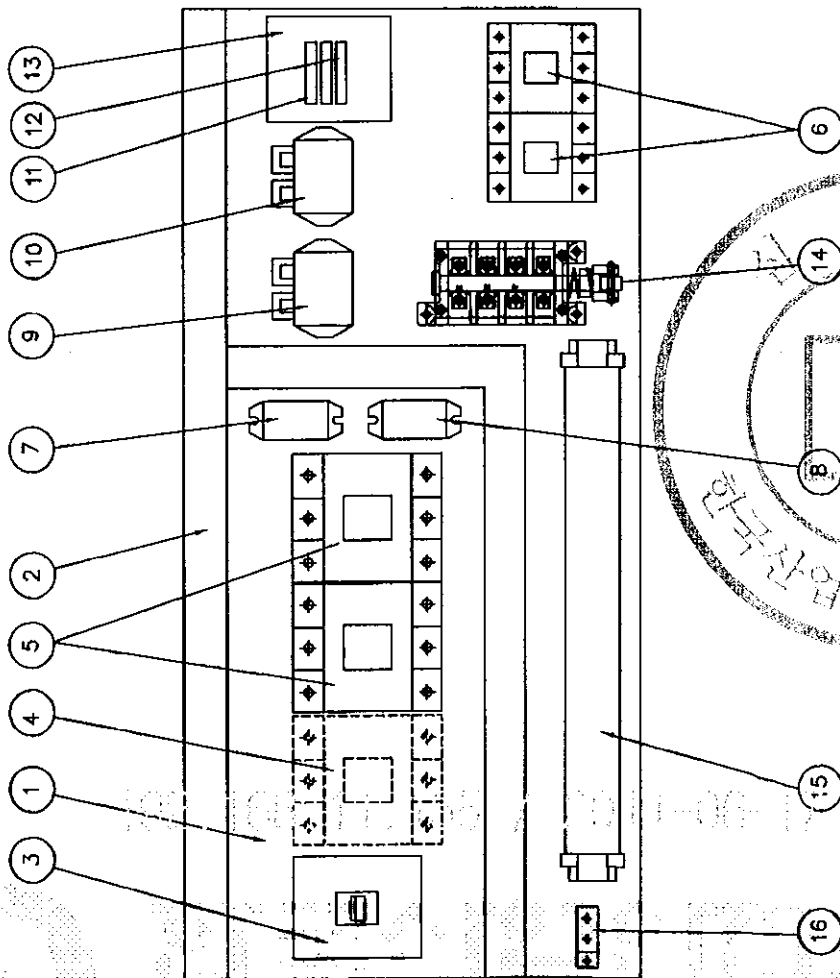
3. 제어용 전선 : 2.5mm KIV,HIV

4. 제어시 다소 변경 될수있음.

5. 외함 기방구조는 다음과 같을것.

1) 외함 기방시 중전부분이 차단되도록 할것.

2) 외함 기방후 중전되어있는 부분은 IP2X 이상의 직접 접촉 방호가 되어있을것.



NOTE

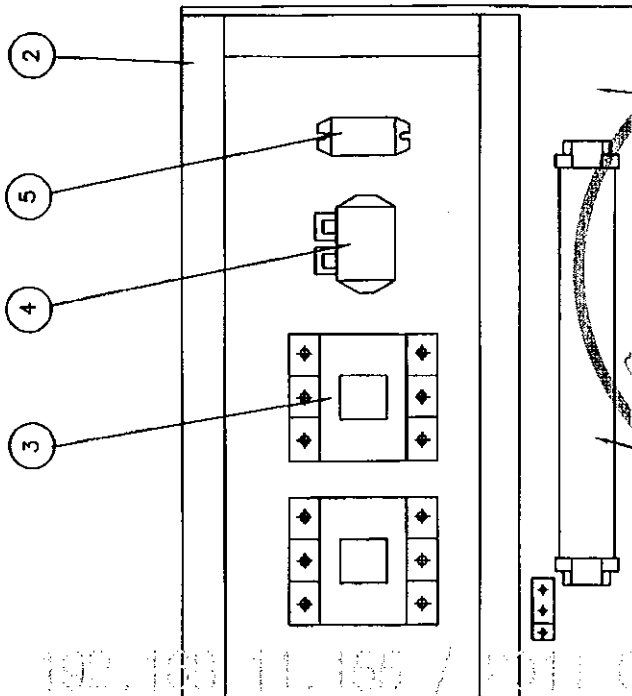
1. UPPER LIMIT LS-1, LS-2의 변전 8층 전선 용량 AC 600V, 75A

2. POWER SOURCE : AC 3φ 460V 60HZ CC

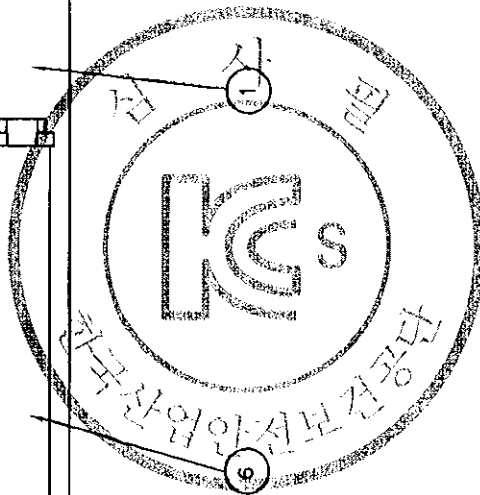
3. EARTH TERMINAL RESISTANCE : <0.018Ω

DRAWING	DESIGN	CHECKED	APPROVED	SCALE	DATE	ORDER NO.
				NONE		
CREEP HOIST CONTROL BOX						
ARRANGEMENT DRAWING						
CUSTOMER						
DRAWING TITLE						
REVISIONS						
DATE						
CHK.						
APP.						
국동호이스트 주식회사 KUK DONG HOIST CO., LTD.						KDC28A51

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



NO	DESCRIPTION	SPEC	Q'TY	REMARK
1	CHASSIS PLATE	-	1	아 연 도 금
2	CABLE DUCT	-	1	
3	MAGNET CONTACTOR	DOC-22P	2	TRAVERSING
4	E.O.C.R	SS-05	1	TRAVERSING
5	SILICON RECTIFIER	SR-30	1	TRAVERSING
6	TERMINAL BLOCK	25A, 15A	1	TRAVERSING



△	△	△	△	△	△	△	△	△	△	△	△	△	△	△	△	△	△	△	△
CUSTOMER										DRAWING TITLE									
TRAVERSING POWER CONTROL BOX										ARRANGEMENT DRAWING									
DRAWING										DESIGN									
CHECKED										APPROVED									
SCALE										DATE									
NONE										DWG. NO									
KDK										KUK DONG HOIST CO., LTD.									
KUK DONG HOIST CO., LTD.										KDC2bt52									

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The diagram illustrates the electrical control system for a crane, featuring two main motor circuits: IM10 (Hoisting Motor) and IM11 (Creep Hoist Motor). Both circuits are protected by DC magnetic brakes (DB10, DB11) and controlled by a series of relays (M101, M102, M111, M112) and fuses (F101, F111). The system includes a large circular stamp with the text "L-25" and "15-42-10".

IM10 (Hoisting Motor) Circuit:

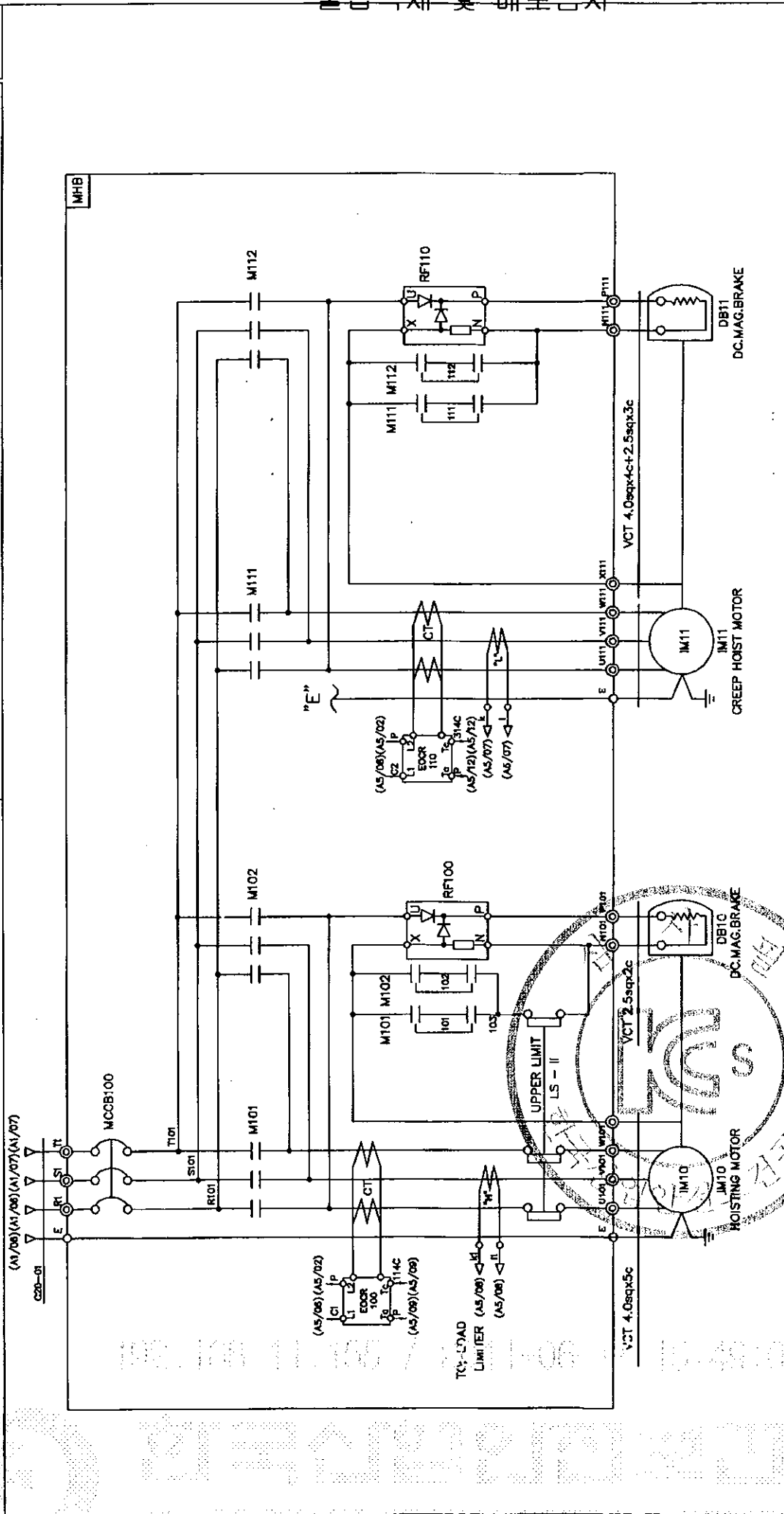
- Power source: E
- Components: IM10, DB10 (DC MAG. BRAKE), VCT 2.5sqx2c, LS-II (UPPER LIMIT), F101, M101, M102, RF100, CT, T101, M1, MCCB100, ST01, R101.
- Interlocks: (A5/06) (A5/08) < M, (A5/06) < T.

IM11 (Creep Hoist Motor) Circuit:

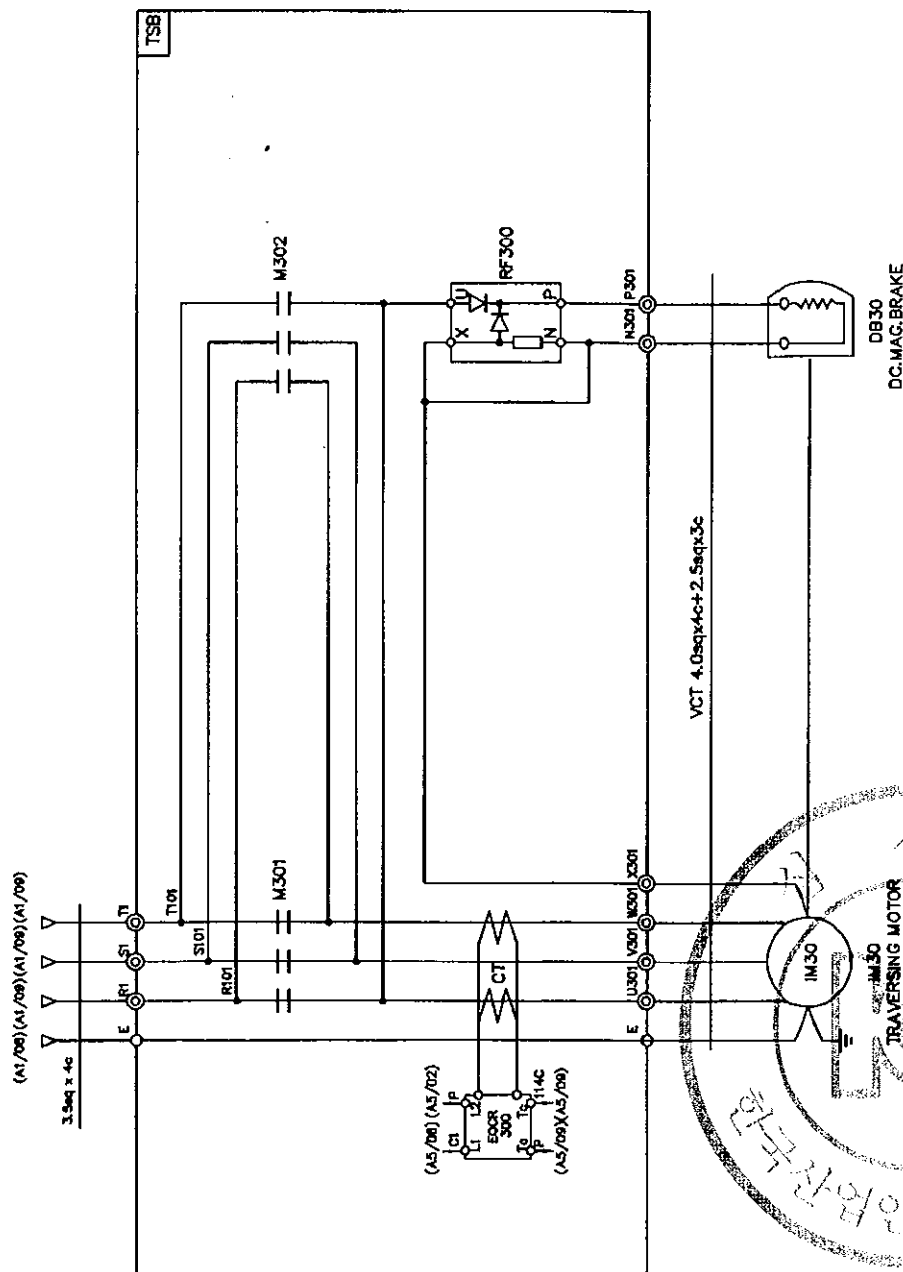
- Power source: E
- Components: IM11, DB11 (DC MAG. BRAKE), VCT 4.0sqx4c+2.5sqx3c, F111, M111, M112, RF110, CT, T111, M1, MCCB100, ST01, R101.
- Interlocks: (A5/06) (A5/02) < T, (A5/06) (A5/12) < T, (A5/07) < L, (A5/07) < L.

[illegible]

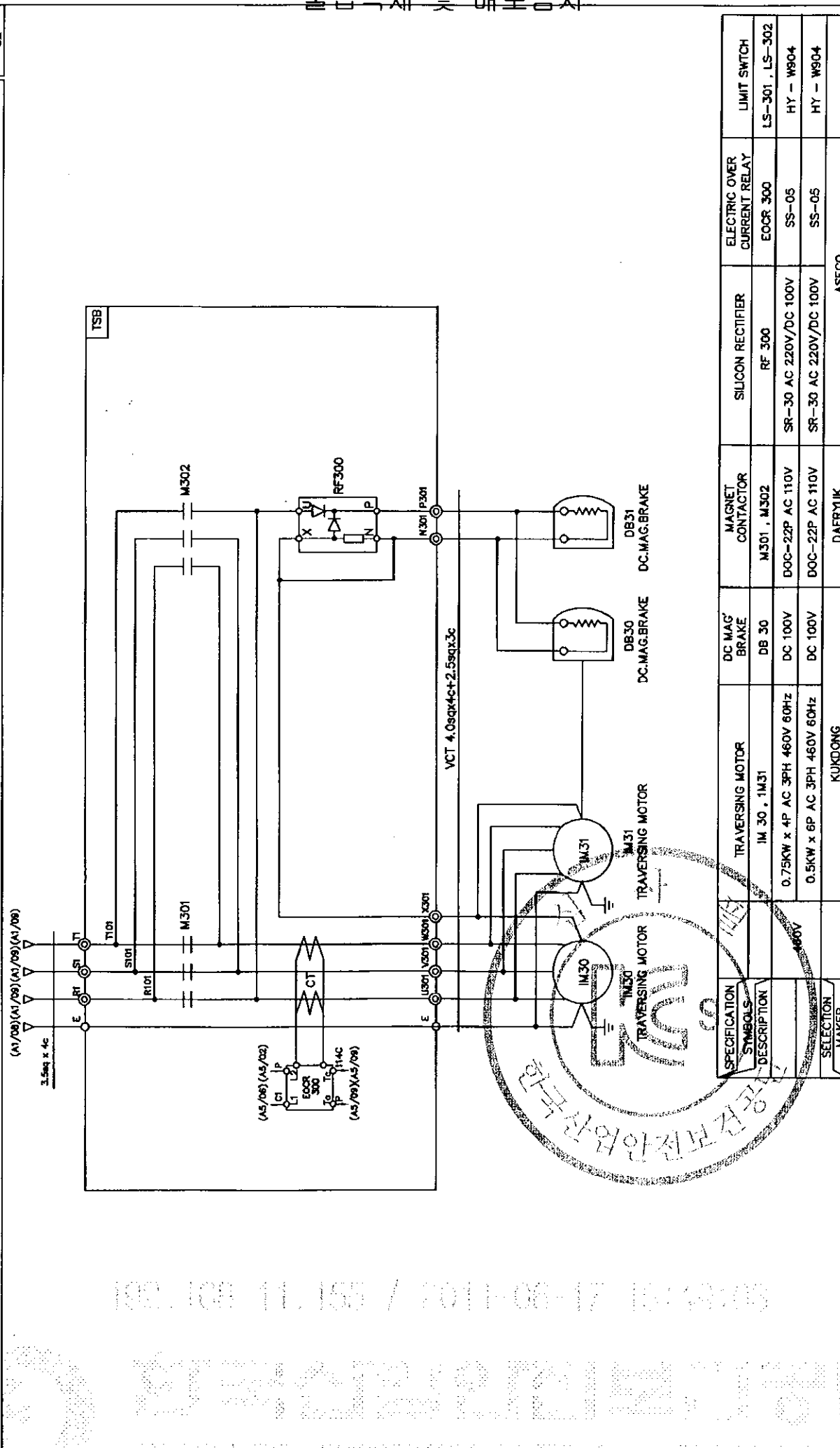
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
POWER CIRCUIT										CREEP HOIST MOTION									
HOISTING MOTION										CREEP HOIST MOTION									
C20-01										B1									



SPECIFICATION SYMBOLS	HOISTING POWER	HOISTING MOTOR	DC MOTOR	NO FUSE BREAKER	TRANSFORMER	FUSE	MAGNET CONTACTOR	UPPER LIMIT	ELECTRIC OVER CURRENT RELAY	SILICON RECTIFIER	LOAD LIMITER	CABLE																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
	DESCRIPTION	HOIST	IM 10	DB10	TR 1	F11, F12	M101, M102	LS-L, LS-II	EOCR100	RF100	RF110	C20-01																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
SELECTION	2TON AC 3PH 460V 60Hz	3.7KW	DC 100V	DBE-33AF/15A	440/110V/120V/80VA	1A	3A	DOC-22P	DOC-22P	SS-30	SS-05	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30	SR-30

[illegible]

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

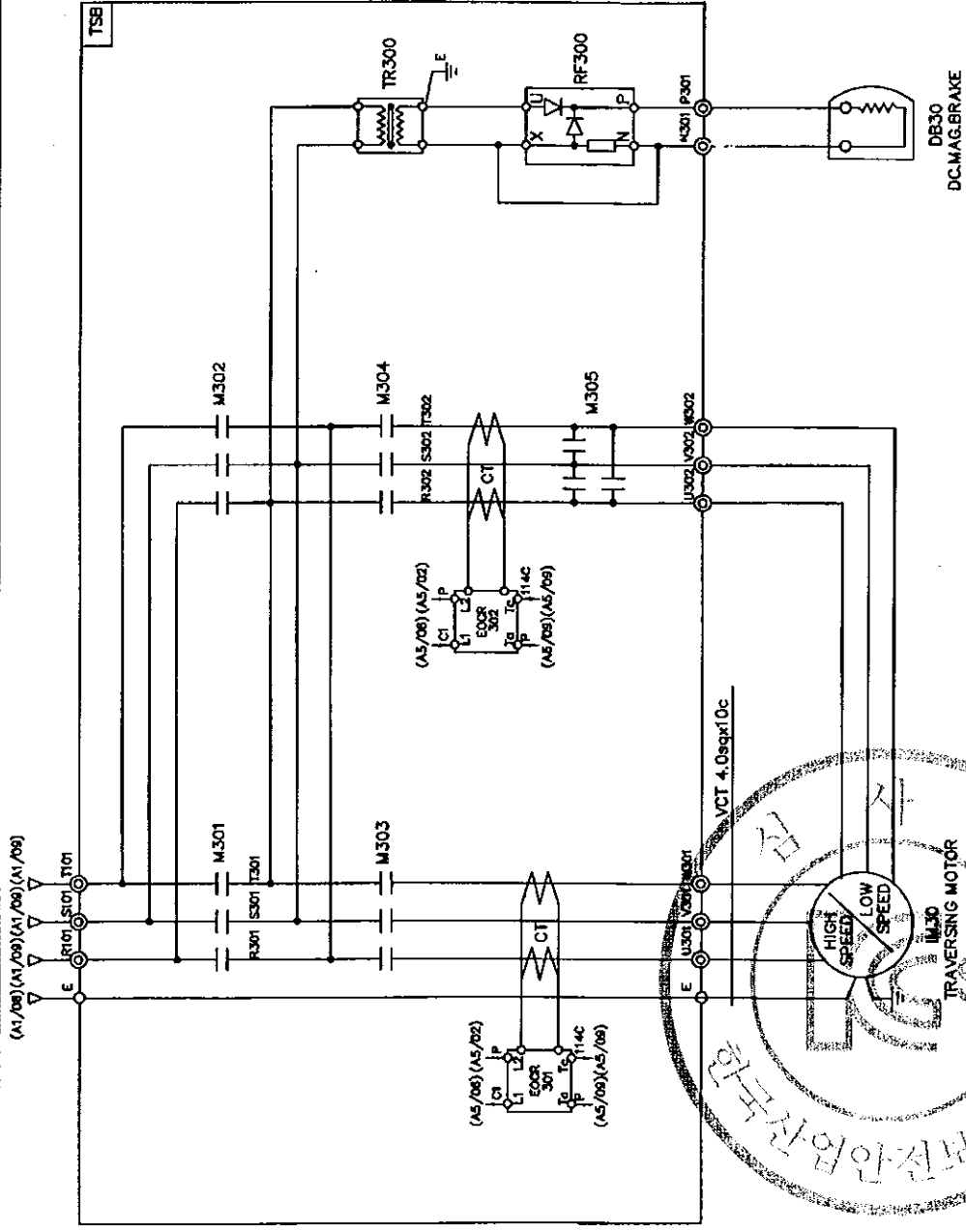


SPECIFICATION SYMBOLS	DESCRIPTION	TRAVERSING MOTOR	DC MAG' BRAKE	MAGNET CONTACTOR	SILICON RECTIFIER	ELECTRIC OVER CURRENT RELAY	LIMIT SWITCH
		IM 30 , 1M31	DB 30	M301 , M302	RF 300	EOCR 300	LS-301 , LS-302
		0.75KW x 4P AC 3PH 460V 60Hz	DC 100V	DOC-22P AC 110V	SR-30 AC 220V/DC 100V	SS-05	HY - W904
		0.5KW x 6P AC 3PH 460V 60Hz	DC 100V	DOC-22P AC 110V	SR-30 AC 220V/DC 100V	SS-05	HY - W904
SELECTION	MAKER	KUKDONG					
		DAERYUK					
CUSTOMER		DRAWING	DESIGN	CHECKED	APPROVED	SCALE	DATE
		TRAVERSING POWER CONTROL CIRCUIT					
		DRAWING TITLE					
			DIAGRAM				
DATE	REVISIONS	CHK.	APP.	DWG. NO.	KDC02E54		

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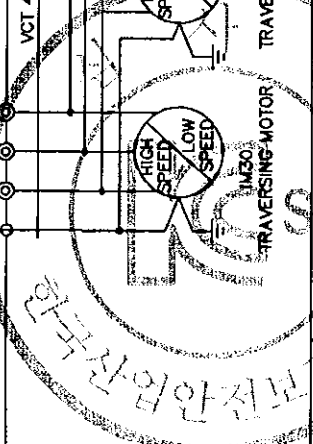
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
POWER CIRCUIT																			
TRAVERSING MOTION																			
ADR'S NO.																			C2



SPECIFICATION SYMBOLS		TRAVERSING MOTOR		DC MAG' BRAKE		MAGNET CONTACTOR		SILICON RECTIFIER		ELECTRIC OVER CURRENT RELAY		TRANSFORMER			
DESCRIPTION		IM30		DB30		M301, M302, M303 M304, M305		RF 300		EOCR 301,302		TR300			
460V		0.5/025KWx4/72P AC3PH 460V 60Hz		DC 100V		DOC-22P		DOC-22R		SS-05		AC460/220V, 300VA			
460V		0.5/0.4KWx4/8P AC3PH 460V 60Hz		DC 100V		DOC-22P		DOC-22R		SS-05		AC460/220V, 300VA			
SELECTION MAKER		KUKDONG				DAERYUK				ASECO				SHINHAN	
CUSTOMER		DRAWING		DESIGN		CHECKED		APPROVED		SCALE		DATE		ORDER NO.	
DRAWING TITLE		TRAVERSING POWER CONTROL CIRCUIT		DAERYUK		NONE		DWG. NO		KDC02E55					
REVISIONS		CHK.		APP.		KUKDONG HOIST CO., LTD.		DWG. NO		KDC02E55					

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[illegible]

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

NO	DESCRIPTION	SPECIFICATION	Q'TY	REMARK
1	CHASSIS PLATE		1	아 연 도 금
2	CABLE DUCT	-	1	
3	N.F.B	33AF/15AT	1	HOISTING
4	MAGNET CONTACTOR	DOC-22P	1	MAIN MAG.
5	MAGNET CONTACTOR	DOC-22P	2	HOISTING
6	MAGNET CONTACTOR	DOC-22P	2	CREEP HOIST
7	SILICON RECTIFIER	SR-30	1	HOISTING
8	SILICON RECTIFIER	SR-30	1	CREEP HOIST
9	E.O.C.R	SS-30	1	HOISTING
10	E.O.C.R	SS-05	1	CREEP HOIST
11	FUSE	1 A	2	
12	FUSE	3 A	1	
13	TRANSFORMER	220V/110V(120V), 60VA	1	
14	UPPER LIMITER	AC 600V, 75A	1	LS-1,2
15	TERMINAL BLOCK	60A,15A		
16	EARTH TERMINAL	3tx20x50	1	

NOTE 1. 전선의 색상은 다음과 같다.

1) 흑색 : 교류 및 직류 전원선으로
2) 적색 : 교류 제어선
3) 주황색 : 외부 전원에서 공급되는 연동장치 제어회로
4) 녹색 또는 녹색과 황색 혼용 : 접지선

2. CABLE MATERIAL : KIV OR EQUIVALENT
MIN SIZE : 2.5sq
3. 제어용 전선 : 2.5mm KIV/HIV
4. 제어시 다스 변경 필수있음.
5. 외함 기밀구조는 다음과 같을것.
1) 외함 기밀시 중전부분이 차단되도록 할것.
2) 외함 기밀후 중전되어있는 부분은 IP2X 이상의 직접 접촉 보호가 되어있을것.

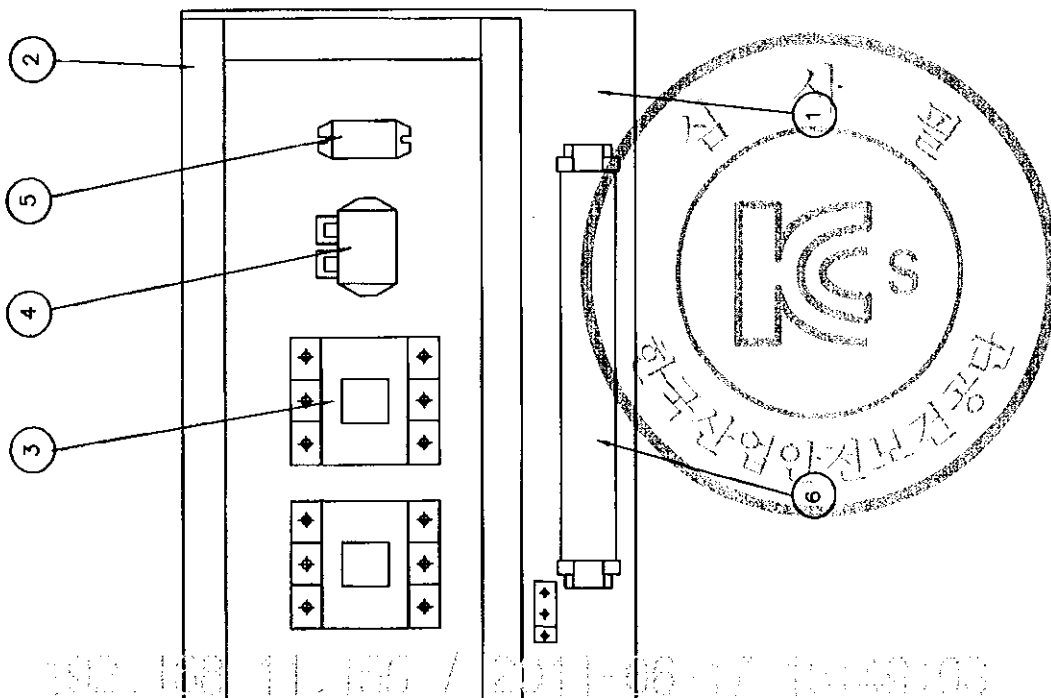
NOTE

1. UPPER LIMIT LS-1, LS-2의 정전력 허용 전류 : 80A, AC 600V, 75A
2. POWER SOURCE : AC 3φ 480V 60HZ
3. EARTH TERMINAL RESISTANCE : 0.018Ω

CUSTOMER		DRAWING TITLE		REVISIONS		CHK.	APP.
		CREEP HOIST CONTROL BOX					
		ARRANGEMENT DRAWING					

DRAWING	DESIGN	CHECKED	APPROVED	SCALE	DATE	ORDER NO.
				NONE		

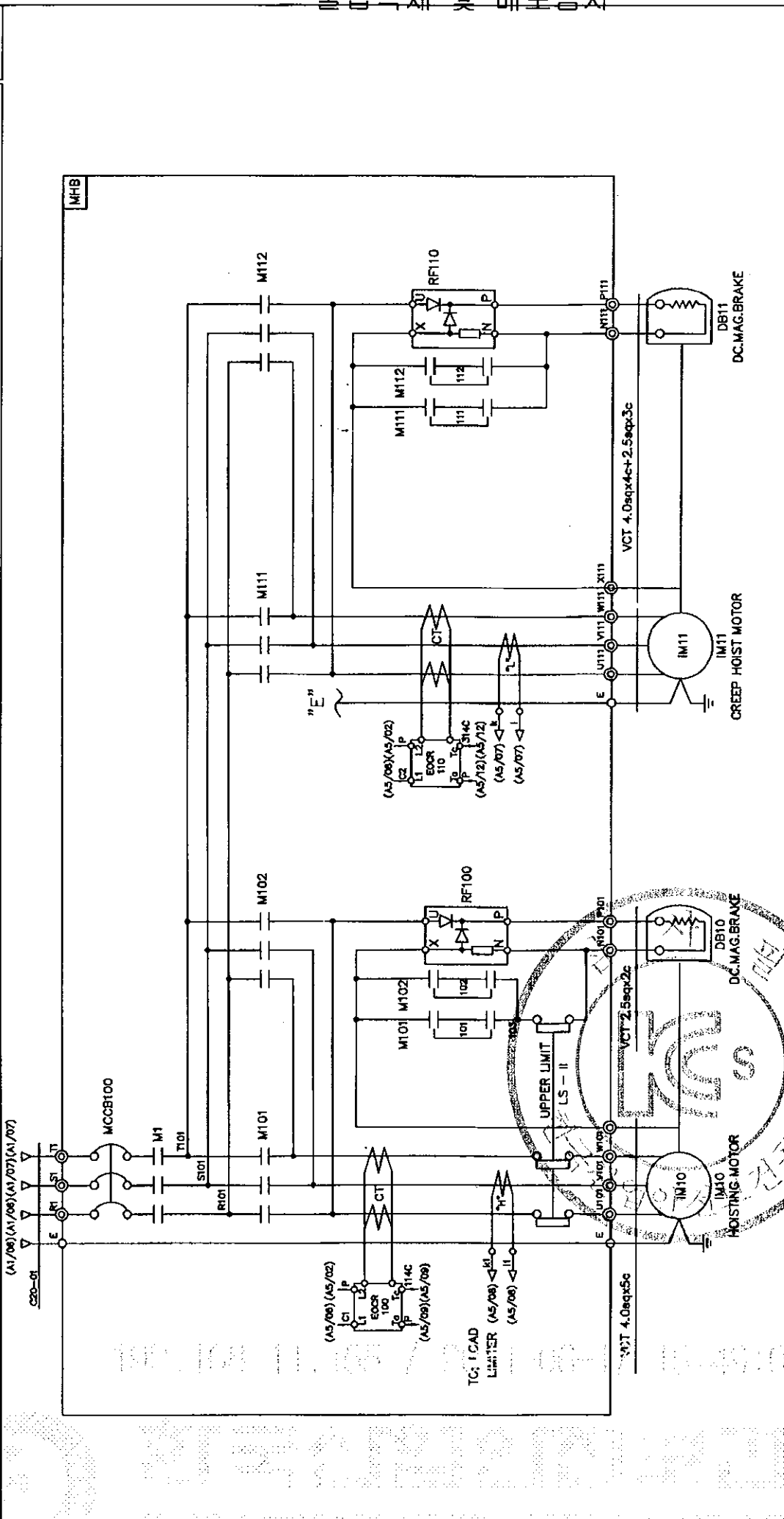
DWG. NO	KUK DONG HOIST CO., LTD.	KDC28A61



NO	DESCRIPTION	SPEC	Q'TY	REMARK
1	CHASSIS PLATE	-	1	아 연 토 코
2	CABLE DUCT	-	1	
3	MAGNET CONTACTOR	DOC-22P	2	TRAVERSING
4	E.O.C.R	SS-05	1	TRAVERSING
5	SILICON RECTIFIER	SR-30	1	TRAVERSING
6	TERMINAL BLOCK	25A, 15A	1	TRAVERSING

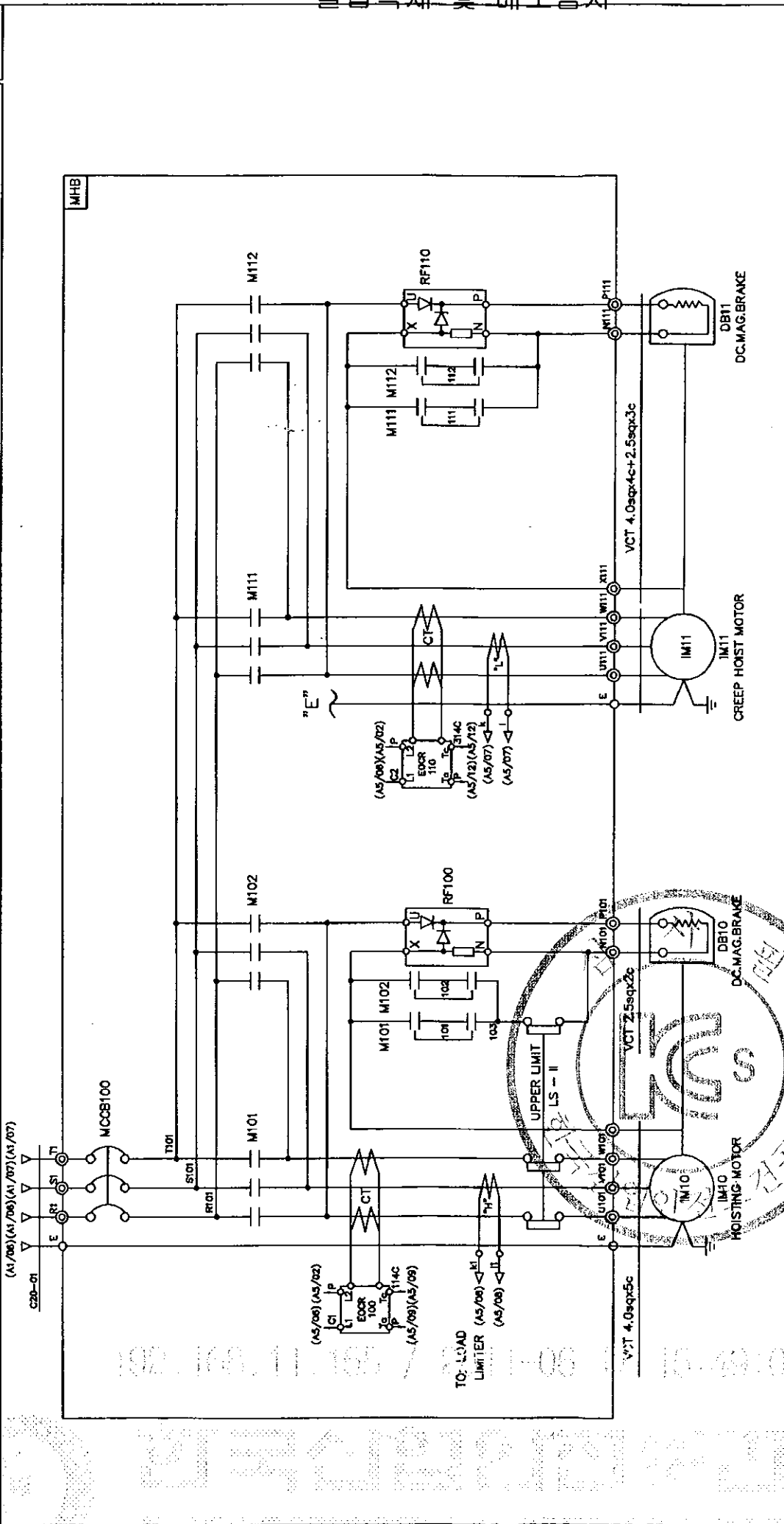
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1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
POWER CIRCUIT										CREEP HOIST MOTION									
HOISTING MOTION										CREEP HOIST MOTION									
C20-01										B1									



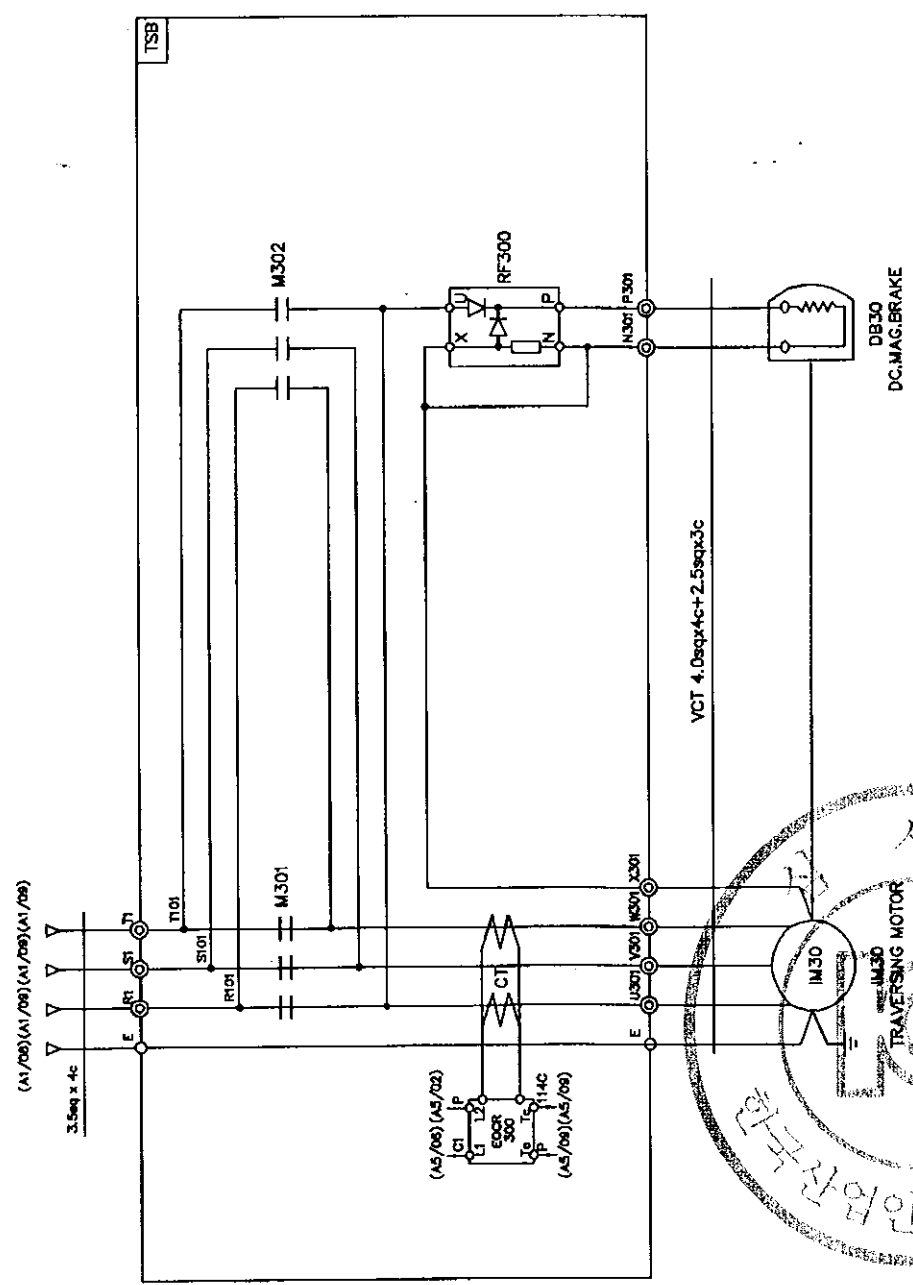
SPECIFICATION SYMBOLS	HOISTING POWER	HOISTING MOTOR	CREEP MOTOR	DC MAG. BRAKE	NO FUSE BREAKER	TRANSFORMER	FUSE	MAIN MAGNET	MAGNET CONTACTOR	UPPER LIMIT	ELECTRIC OVER CURRENT RELAY	SILICON RECTIFIER	LOAD LIMITER	CABLE			
DESCRIPTION	HOIST	IM 10	IM 11	DB10, 11	MCCB100	TR 1	F11,F12 F13	M1	M101,M102 M111,M112	LS-I, LS-II	SS-30 EOCR110	RF100	RF110	C20-01			
SELECTION / MAKER	2TON AC 3PH 480V 60Hz	3.7KW x 4P 0.4KW x 4P	0.4KW x 4P	DBE-33AF/15A	DBE-33AF/15A	480/110V/120V/80VA	1A 3A	DOC-22P	DOC-22P	AC 600V 75A	SS-30	SR-30	JDL-100	VFCI 4sqx4c			
	KUKDONG																
					DAERYUK	SHINHAN	-		DAERYUK	KUKDONG	ASECO		JUNGHO	DONGIL			
				CUSTOMER											DATE	ORDER NO.	
				DRAWING	CREEP HOISTING POWER CONTROL CIRCUIT												
				TITLE	DIAGRAM										DWG. NO	KDC02E61	
				CHK.	APP.	 극동호이스트 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										CREEP HOIST MOTION									
HOISTING MOTION										CREEP HOIST MOTION									
C20-01										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
	HOIST	IM 10	DB100V	MCCB100	TR 1	F11, F12	M101, M102	LS-I, LS-II	EOCR100	RF100	LOAD LIMITER	C20-01
DESCRIPTION	2TON AC 3PH 480V 60Hz	3.7KW	DC 100V	DBE-33AF /15A	480/110V/120V/80VA	1A	DOC-22P	DOC-22P	SS-30	SR-30	JDL-100	VFCT 4sqx4c
SELECTION	KUKDONG		DAERYUK		SHINHAN	-	DAERYUK	KUKDONG	ASECO		JUNGHO	DONGIL
MAKER	CUSTOMER											
	DRAWING TITLE		CREEP HOISTING POWER CONTROL CIRCUIT									
	REVISIONS		CHK.	APP.	DIAGRAM							
	DWG. NO		KDC02E62									
DATE	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																			
TRAVERSING MOTION																			
ADR'S NO.																			C1

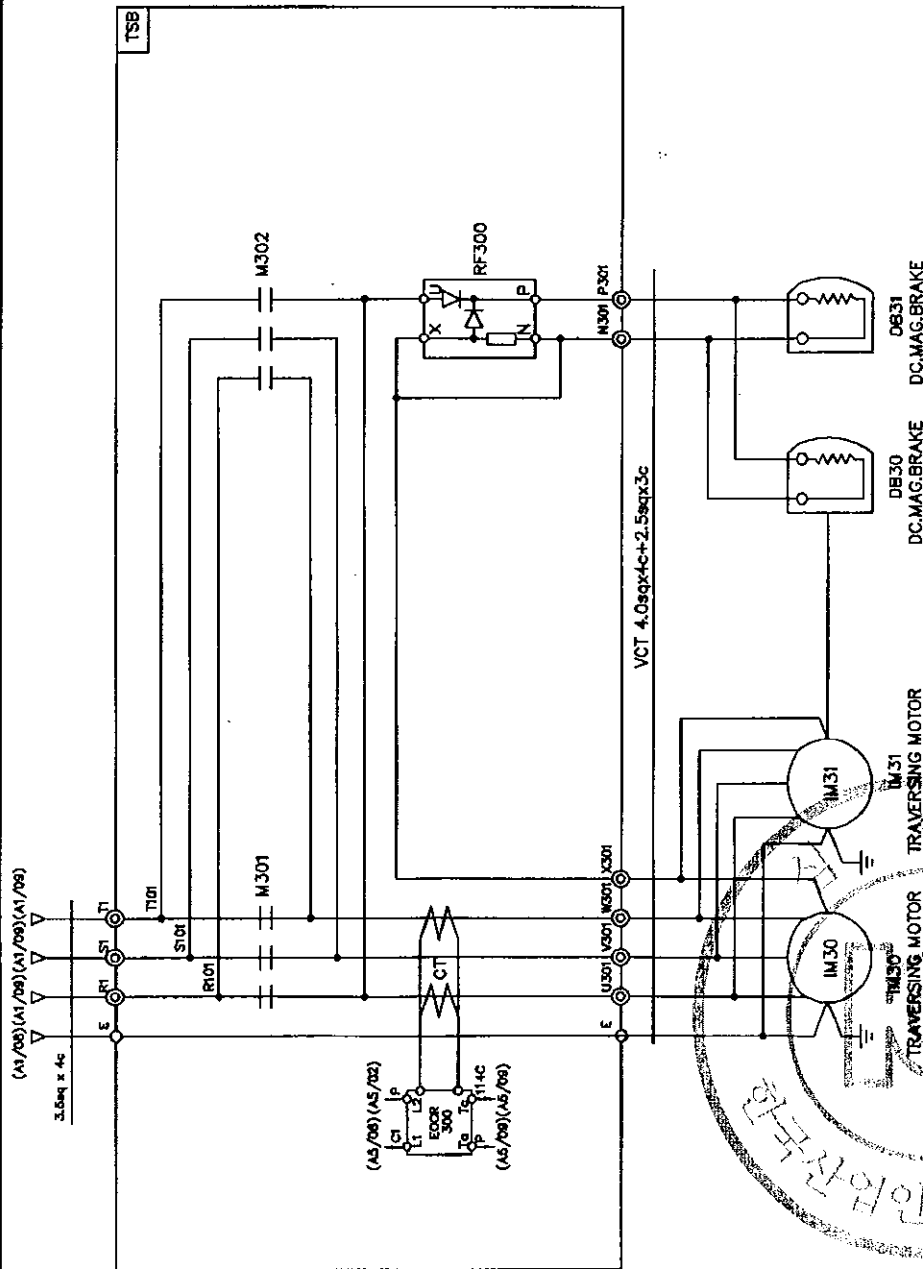


SPECIFICATION		TRAVERSING MOTOR		DC MAG' BRAKE	MAGNET CONTACTOR	SILICON RECTIFIER	ELECTRIC OVER CURRENT RELAY	LIMIT SWITCH							
SYMBOLS		IM 30		DB 30	M301, M302	RF 300	EOCR 300	LS-301, LS-302							
DESCRIPTION		0.75KW x 4P AC 3PH 480V 60Hz		DC 100V	DOC-22P AC 110V	SR-30 AC 220V/DC 100V	SS-05	HY - W904							
SELECTION		0.5KW x 8P AC 3PH 480V 60Hz		DC 100V	DOC-22P AC 110V	SR-30 AC 220V/DC 100V	SS-05	HY - W904							
MAKER		KUKDONG		DAERYUK					ASECO						
CUSTOMER		DRAWING							DESIGN	CHECKED	APPROVED	SCALE	DATE	ORDER NO.	
DRAWING TITLE		TRAVERSING POWER CONTROL CIRCUIT							NONE						
REVISIONS		DIAGRAM							KUKDONG HOIST CO., LTD.						KDC02E63
DATE	CHK.	APP.													
KUKDONG HOIST CO., LTD.															

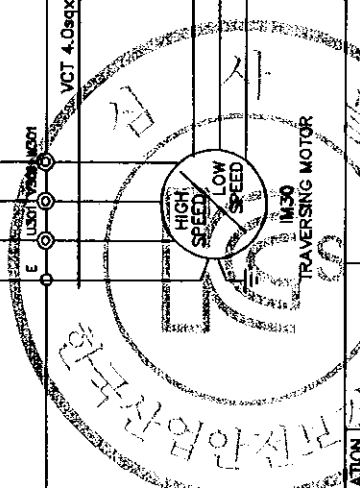
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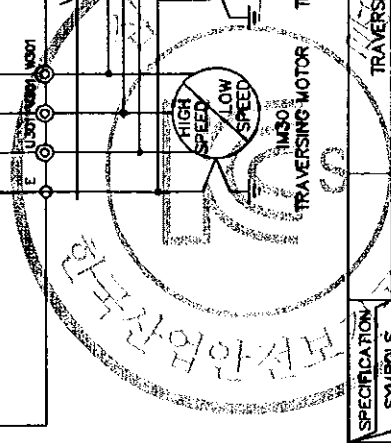
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1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
POWER CIRCUIT																			
TRAVERSING MOTION																			
C2																			ADR'S NO.

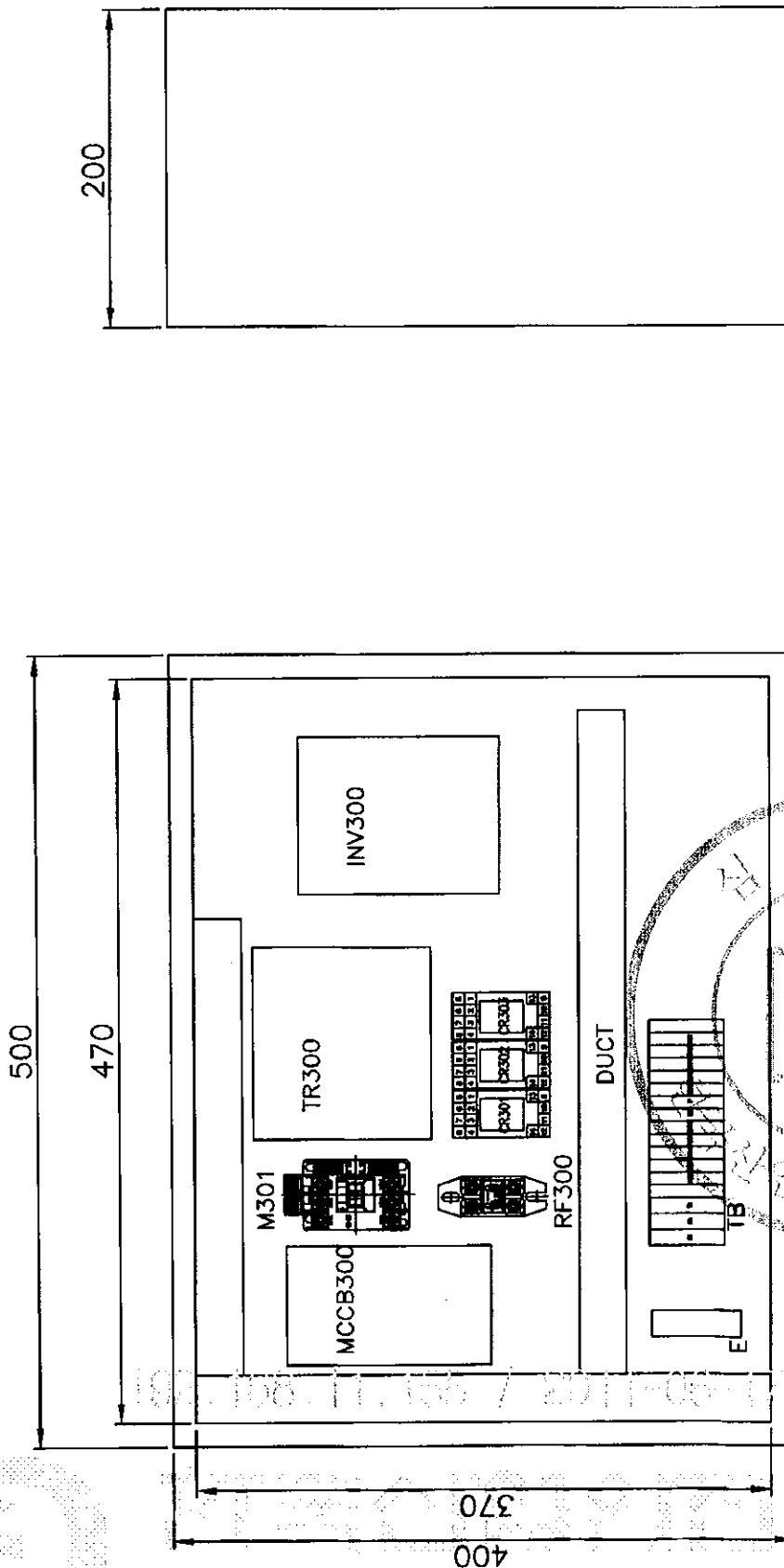


SPECIFICATION		SYMBOLS		DESCRIPTION		TRAVERSING MOTOR		MAGNET CONTACTOR		SILICON RECTIFIER		ELECTRIC OVER CURRENT RELAY		LIMIT SWITCH	
IM 30		IM 31		IM 30, 1M31		M301, M302		M301, M302		RF 300		EOCR 300		LS-301, LS-302	
0.75KW x 4P AC 3PH 480V 60Hz		0.5KW x 6P AC 3PH 480V 60Hz		0.75KW x 4P AC 3PH 480V 60Hz		DC 100V		DC 100V		SR-30 AC 220V/DC 100V		SS-05		HY - W904	
480V		480V		480V		DC 100V		DC 100V		SR-30 AC 220V/DC 100V		SS-05		HY - W904	
SELECTION		MAKER		KUKDONG		DAERYUK		ASECO		DAERYUK		ASECO		DAERYUK	
CUSTOMER		DRAWING		DESIGN		CHECKED		APPROVED		SCALE		DATE		ORDER NO.	
DRAWING TITLE		TRAVERSING POWER CONTROL CIRCUIT		DIAGRAM		NONE		NONE		NONE		NONE		NONE	
REVISIONS		CHK.		APP.		KUKDONG HOIST CO., LTD.		KUKDONG HOIST CO., LTD.		KUKDONG HOIST CO., LTD.		KUKDONG HOIST CO., LTD.		KUKDONG HOIST CO., LTD.	
DATE		192.168.11.155 / 2011-06-17 15:48:03		192.168.11.155 / 2011-06-17 15:48:03		192.168.11.155 / 2011-06-17 15:48:03		192.168.11.155 / 2011-06-17 15:48:03		192.168.11.155 / 2011-06-17 15:48:03		192.168.11.155 / 2011-06-17 15:48:03		192.168.11.155 / 2011-06-17 15:48:03	

[illegible]

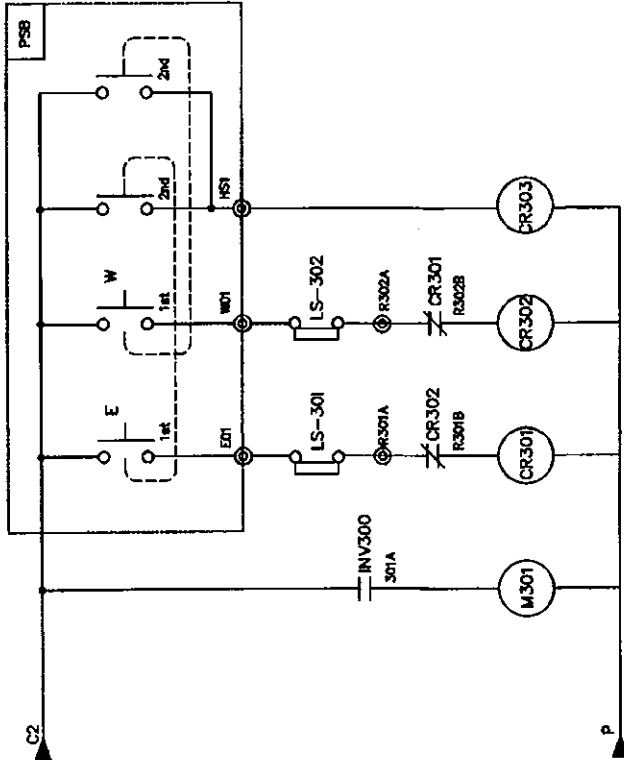


SPECIFICATION SYMBOLS DESCRIPTION		TRAVERSING MOTOR		DC MAG' BRAKE		MAGNET CONTACTOR		SILICON RECTIFIER		ELECTRIC OVER CURRENT RELAY		TRANSFORMER							
		IM 30 / IM31		DB30 , DB31		M301 , M302 , M303		M304 , M305		EOCR 301,302		TR300							
		480V		0.5/0.25KW/60Hz AC3PH		DC 100V		DOC-22P		SS-05		AC480/220V, 300VA							
		480V		0.5/0.4KW/60Hz AC3PH		DC 100V		DOC-22P		SS-05		AC480/220V, 300VA							
SELECTION MAKER				KUKDONG				DAERYUK		ASECO		SHINHAN							
		CUSTOMER				DRAWING		DESIGN		CHECKED		APPROVED		SCALE		DATE		ORDER NO.	
				DRAWING TITLE										NONE					
				TRAVERSING POWER CONTROL CIRCUIT															
				DIAGRAM														KDC02E66	
REVISIONS		CHK.		APP.															
DATE																			

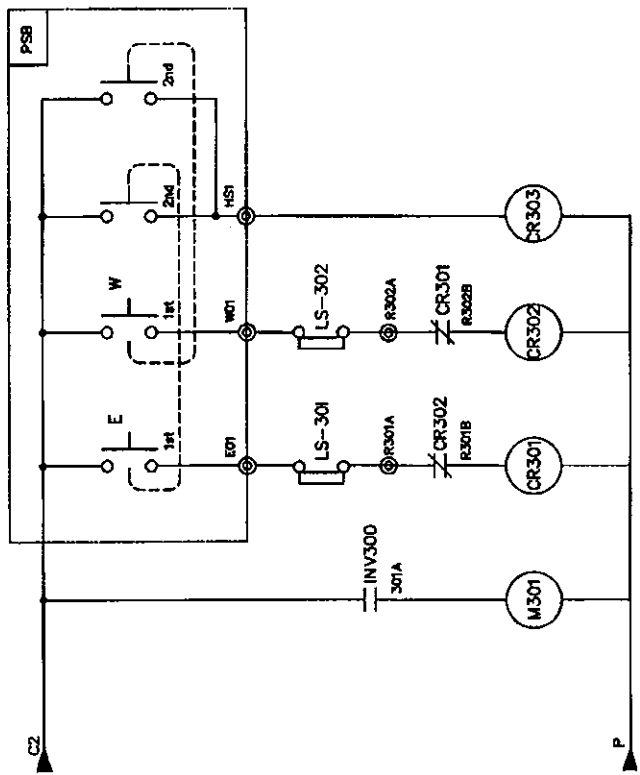
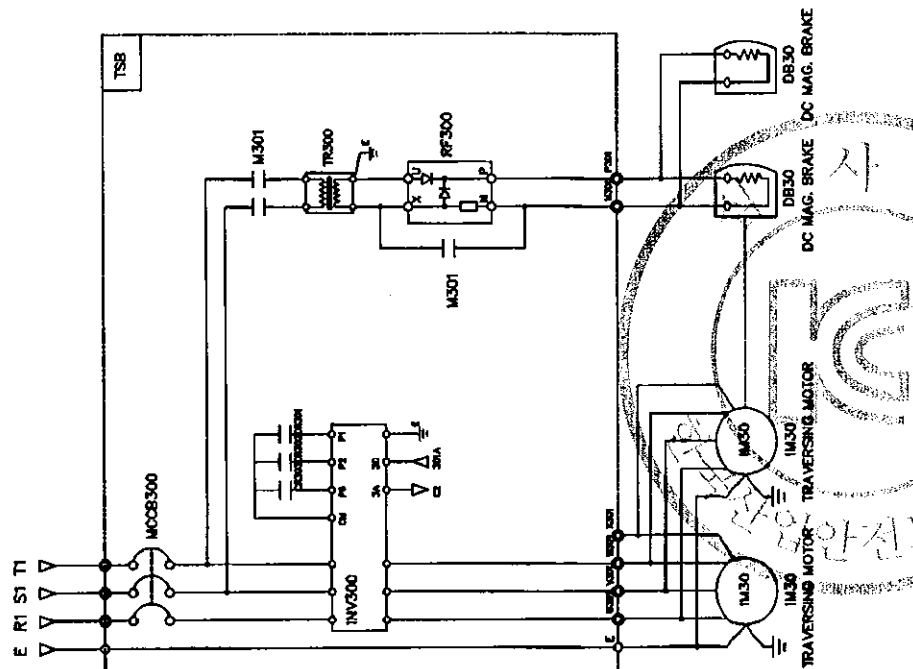


2	4 坪	SS400	1					
1	T/S BOX	PUR	1					
NO.	DESCRIPTION	MTL	QTY	SUB TOTAL	SUB WEIGHT(KG)	TOTAL	REMARKS.	
PROJECT					DATE	DIM		
						mm		
TITLE		T/S CONTROL PANEL(INVERTER)			SCALE	PROJECTION		
					A3/3	3rd		
DRAWN	DESIGNED	CHECKED	APPROVED	REF. DRAWING				
 ក្រុមហ៊ុន គីស៊ីប៊ី ភីអិល ភី								

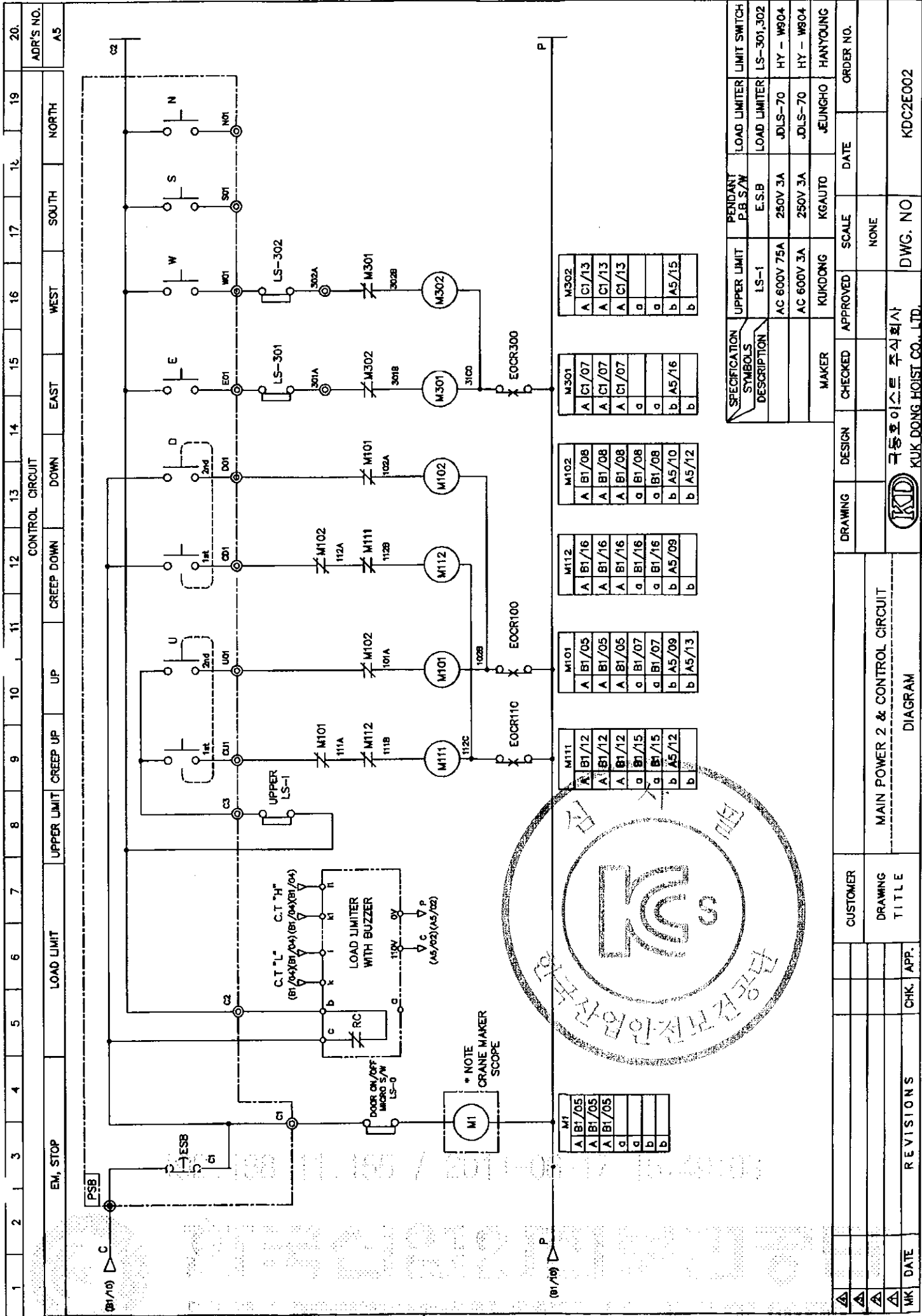
11	EARTH BUS BAR	PUR	1		
10	DUCT	PUR	1		
9	TERMINAL BLOCK	PUR	1		
8	INVERTER	PUR	1		
7	TR	PUR	1		
6	RELAY & SCKKET	PUR	1		
5	RF	PUR	1		
4	MC	PUR	1		
3	MCCB	PUR	1		

[illegible]

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
TRaversing Motion										CONTROL CIRCUIT DIAGRAM									
POWER CIRCUIT DIAGRAM										BRAKE EAST WEST HIGH SPEED									
ADR'S NO.																			



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SPECIFICATION SYMBOLS	UPPER LIMIT	PENDANT P.B. S/W	LOAD LIMITER	LIMIT SWITCH
DESCRIPTION	LS-1	E.S.B	LOAD LIMITER	LS-301,302
	AC 600V 75A	250V 3A	JLS-70	HY - W904
	AC 600V 3A	250V 3A	JLS-70	HY - W904
MAKER	KUKDONG	KGAUTO	JEUNGHO	HANYOUNG
CHECKED	APPROVED	SCALE	DATE	ORDER NO.
		NONE		
이스트 주식회사			KDC2E002	
ING HOIST CO., LTD.				

 KUK DO KONG	DESIGN	
	DRAWING	

2 & CONTROL CIRCUIT
DIAGRAM

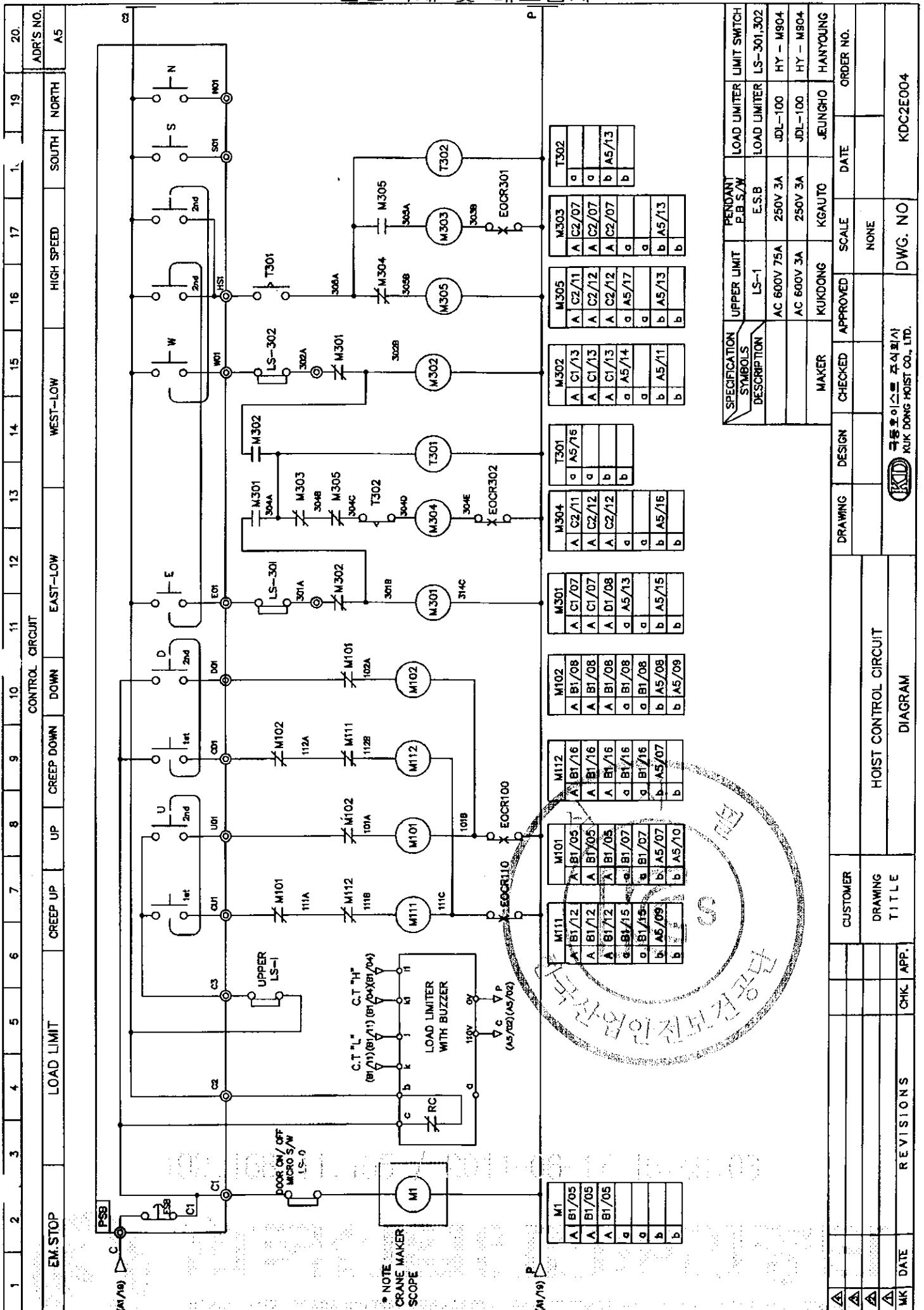
MAIN POWER 2

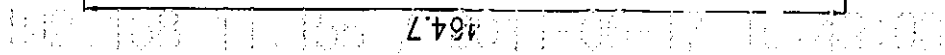
	CUSTOMER	DRAWING TITLE	P.
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				CHK.	AP

REVISIONS

[illegible]

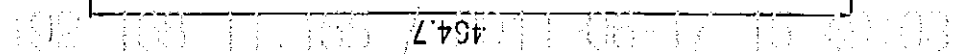




* MATERIAL : POLYCARBONATE(PLASTIC)
* BODY COLOR : YELLOW, BLACK
* IP : 55 이상

DWG. NO

																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
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MK	DATE	REVISIONS	CHK.	APP.	CUSTOMER	PENDANT PUSH BUTTON SWITCH						
						LAY OUT						
							KUK DONG HOIST CO., LTD.				DWG. NO	

LOAD LIMITER 권고 SETTING치

* POWER SOURCE : AC 3Φ 220V 60Hz

극동호이스트(주)

HOIST	MOTOR 용량	LOAD LIMITER 권고 SETTING치			LOAD CURRENT		C.T MODEL	연결단자 NO	C.T 용량	REMARK
		LOAD CURRENT	ADJ START TIME	SHOCK TIME	100%	110%				
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 스위치는 권고 SETTING 수치이며 MOTOR의 특성 및 현장 조건에 따라 변경 가능함.

LOAD LIMITER 권고 SETTING치

* POWER SOURCE : AC 3Φ 380V 60Hz

국동호이스트(주)

HOIST	MOTOR 용량	LOAD LIMITER 권고 SETTING치			LOAD CURRENT		C.T MODEL	연결단자 NO	C.T 용량	REMARK
		LOAD CURRENT	ADJ	SHOCK TIME	100%	1~10%				
C1 TON	2.4KW x 4P	110%	1 SEC	1 SEC	5.8 A	6.3 A	CT-2	K-K1, L-L1	5 V.A	
	0.4KW x 4P	110%	1 SEC	1 SEC	1.6 A	2.1 A	CT-1	K-K1, L-L1	5 V.A	
C2 TON	3.7KW x 4P	110%	1 SEC	1 SEC	9.3 A	11.3 A	CT-2	K-K1, L-L1	5 V.A	
	0.4KW x 4P	110%	1 SEC	1 SEC	1.6 A	2.1 A	CT-1	K-K1, L-L1	5 V.A	
C2.8 TON	5.0KW x 4P	110%	1 SEC	1 SEC	12.2 A	13.6 A	CT-2	K-K1, L-L1	5 V.A	
	1.5KW x 4P	110%	1 SEC	1 SEC	4.2 A	5.4 A	CT-1	K-K1, L-L1	5 V.A	
C3 TON	5.5KW x 4P	110%	1 SEC	1 SEC	12.2 A	13.6 A	CT-2	K-K1, L-L1	5 V.A	
	1.5KW x 4P	110%	1 SEC	1 SEC	4.2 A	5.4 A	CT-1	K-K1, L-L1	5 V.A	
C5 TON	5.5KW x 6P	110%	1 SEC	1 SEC	16.3 A	17.8 A	CT-2	K-K1, L-L1	5 V.A	
	1.0KW x 6P	110%	1 SEC	1 SEC	3.9 A	5.3 A	CT-1	K-K1, L-L1	5 V.A	
C7.5 TON	5.5KW x 6P	110%	1 SEC	1 SEC	16.3 A	17.8 A	CT-2	K-K1, L-L1	5 V.A	
	1.0KW x 6P	110%	1 SEC	1 SEC	3.9 A	5.3 A	CT-1	K-K1, L-L1	5 V.A	
C10 TON	9.0KW x 8P	110%	1 SEC	1 SEC	26.0 A	28.6 A	CT-2	K-K1, L-L1	5 V.A	
	1.1KW x 8P	110%	1 SEC	1 SEC	4.6 A	6.1 A	CT-2	K-K1, L-L1	5 V.A	

NOTE

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

LOAD LIMITER 권고 SETTING치

* POWER SOURCE : AC 3Φ 440V 60Hz

극동호이스트(주)

HOIST	MOTOR 용량	LOAD LIMITER 권고 SETTING치			LOAD CURRENT		C.T MODEL	연결단자 NO	C.T 용량	REMARK
		LOAD CURRENT	ADJ START TIME	SHOCK TIME	100%	110%				
C1 TON	2.4KW x 4P	110%	1 SEC	1 SEC	5.0 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 6P	110%	1 SEC	1 SEC	22.5 A	24.8 A	CT-2	K-K1, L-L1	5 V.A	
	1.1KW x 8P	110%	1 SEC	1 SEC	4.0 A	5.4 A	CT-1	K-K1, L-L1	5 V.A	

NOTE

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

LOAD LIMITER 권고 SETTING치

* POWER SOURCE : AC 3Φ 460V 60Hz

국동호이스트(주)

HOIST	MOTOR 용량	LOAD LIMITER 권고 SETTING치			LOAD CURRENT		C.T MODEL	연결단자 NO	C.T 용량	REMARK
		LOAD CURRENT	ADJ	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	4.0 A	5.4 A	CT-1	K-K1, L-L1	5 V.A	

NOTE

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

LOAD LIMITER 권고 SETTING치

* POWER SOURCE : AC 3 ϕ 480V 60Hz

극동하이스트(주)

HOIST	MOTOR 용량	LOAD LIMITER 권고 SETTING치			LOAD CURRENT		C.T MODEL	연결단자 NO	C.T 용량	REMARK
		LOAD CURRENT	ADJ START TIME	SHOCK TIME	100%	110%				
C1 TON	2.4KW x 4P	110%	1 SEC	1 SEC	4.6 A	5.0 A	CT-2	K-K1, L-L1	5 V.A	
	0.4KW x 4P	110%	1 SEC	1 SEC	1.2 A	1.35 A	CT-1	K-K1, L-L1	5 V.A	
C2 TON	3.7KW x 4P	110%	1 SEC	1 SEC	7.3 A	8.2 A	CT-2	K-K1, L-L1	5 V.A	
	0.4KW x 4P	110%	1 SEC	1 SEC	1.2 A	1.35 A	CT-1	K-K1, L-L1	5 V.A	
C2.8 TON	5.0KW x 4P	110%	1 SEC	1 SEC	9.6 A	11.2 A	CT-2	K-K1, L-L1	5 V.A	
	1.5KW x 4P	110%	1 SEC	1 SEC	3.4 A	4.3 A	CT-1	K-K1, L-L1	5 V.A	
C3 TON	5.5KW x 4P	110%	1 SEC	1 SEC	9.6 A	11.2 A	CT-2	K-K1, L-L1	5 V.A	
	1.5KW x 4P	110%	1 SEC	1 SEC	3.4 A	4.3 A	CT-1	K-K1, L-L1	5 V.A	
C5 TON	5.5KW x 6P	110%	1 SEC	1 SEC	12.9 A	14.2 A	CT-2	K-K1, L-L1	5 V.A	
	1.0KW x 6P	110%	1 SEC	1 SEC	3.1 A	3.5 A	CT-1	K-K1, L-L1	5 V.A	
C7.5 TON	5.5KW x 6P	110%	1 SEC	1 SEC	12.9 A	14.2 A	CT-2	K-K1, L-L1	5 V.A	
	1.0KW x 6P	110%	1 SEC	1 SEC	3.1 A	3.5 A	CT-1	K-K1, L-L1	5 V.A	
C10 TON	9.0KW x 8P	110%	1 SEC	1 SEC	20.6 A	22.7 A	CT-2	K-K1, L-L1	5 V.A	
	1.1KW x 8P	110%	1 SEC	1 SEC	4.0 A	5.4 A	CT-1	K-K1, L-L1	5 V.A	

NOTE

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

E.O.C.R 권고 SETTING치

* POWER SOURCE : AC 3 Ø 220V 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	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	
C2.5 TON	5.0KW x 4P	22.8 A	1 DRAVE	SS-30	3 SEC	1 SEC	22.8 A	
	1.5KW x 4P	7.3 A	1 DRAVE	SS-30	3 SEC	1 SEC	7.3 A	
C3 TON	5.5KW x 4P	22.8 A	1 DRAVE	SS-30	3 SEC	1 SEC	22.8 A	
	1.5KW x 4P	7.3 A	1 DRAVE	SS-30	3 SEC	1 SEC	7.3 A	
C5 TON	5.5KW x 6P	28.2 A	1 DRAVE	SS-30	3 SEC	1 SEC	28.2 A	
	1.0KW x 6P	6.7 A	1 DRAVE	SS-30	3 SEC	1 SEC	6.7 A	
C7.5 TON	5.5KW x 6P	28.2 A	1 DRAVE	SS-30	3 SEC	1 SEC	28.2 A	
	1.0KW x 6P	6.7 A	1 DRAVE	SS-30	3 SEC	1 SEC	6.7 A	
C10 TON	9.0KW x 8P	45.0 A	1 DRAVE	SS-60	3 SEC	1 SEC	45.0 A	
	1.1KW x 8P	8.0 A	1 DRAVE	SS-30	3 SEC	1 SEC	8.0 A	

NOTE

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

E.O.C.R 권고 SETTING치

* POWER SOURCE : AC 3 Ø 380V 60Hz

극동호이스트(주)

HOIST	MOTOR 용량	1 정격 전류	DRIVE TYPE	E.O.C.R TYPE	권고 SETTING 치			REMARK
					DELAY TIME	OPERATION TIME	CURRENT	
C1 TON	2.4KW x 4P	5.8 A	1 DRAVE	SS-30	3 SEC	1 SEC	5.8 A	
	0.4KW x 4P	1.6 A	1 DRAVE	SS-05	3 SEC	1 SEC	1.6 A%	
C2 TON	3.7KW x 4P	9.3 A	1 DRAVE	SS-30	3 SEC	1 SEC	9.3 A	
	0.4KW x 4P	1.6 A	1 DRAVE	SS-05	3 SEC	1 SEC	1.6 A	
C2.5 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 SETTING

* 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 순치는 권고 SETTING 수치이며 MOTOR의 특성 및 현장 조건에 따라 변경 가능함.

E.O.C.R 권고 SETTING치

* POWER SOURCE : AC 3Φ 460V 60Hz

극동하이스트(주)

HIST	MOTOR 용량	MOTOR 정격 전류	DRIVE TYPE	E.O.C.R TYPE	권고 SETTING 치			REMARK
					DELAY TIME	OPERATION TIME	CURRENT	
C1.1TON	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	
C2.1TON	3.7KW x 4P	7.7 A	1 DRAVE	SS-30	3 SEC	1 SEC	7.7 A	
	0.4KW x 4P	1.3 A	1 DRAVE	SS-05	3 SEC	1 SEC	1.4 A	
C2.8 TON	5.0KW x 4P	10.0 A	1 DRAVE	SS-30	3 SEC	1 SEC	10.0 A	
	1.5KW x 4P	3.5 A	1 DRAVE	SS-05	3 SEC	1 SEC	3.5 A	
C3.1TON	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	
C5.1TON	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	
C10.1TON	9.0KW x 8P	21.5 A	1 DRAVE	SS-30	3 SEC	1 SEC	21.5 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

* 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	1.2 A	1 DRAVE	SS-05	3 SEC	1 SEC	1.4 A	
C2.8 TON	5.0KW x 4P	9.6 A	1 DRAVE	SS-30	3 SEC	1 SEC	9.6 A	
	1.5KW x 4P	3.4 A	1 DRAVE	SS-05	3 SEC	1 SEC	3.4 A	
C3 TON	5.5KW x 4P	9.6 A	1 DRAVE	SS-30	3 SEC	1 SEC	9.6 A	
	1.5KW x 4P	3.4 A	1 DRAVE	SS-05	3 SEC	1 SEC	3.4 A	
C5 TON	5.5KW x 6P	12.9 A	1 DRAVE	SS-30	3 SEC	1 SEC	12.9 A	
	1.0KW x 6P	3.1 A	1 DRAVE	SS-05	3 SEC	1 SEC	3.1 A	
C7.5 TON	5.5KW x 6P	12.9 A	1 DRAVE	SS-30	3 SEC	1 SEC	12.9 A	
	1.0KW x 6P	3.1 A	1 DRAVE	SS-05	3 SEC	1 SEC	3.1 A	
C10 TON	9.0KW x 8P	20.6 A	1 DRAVE	SS-30	3 SEC	1 SEC	20.6 A	
	1.1KW x 8P	4.0 A	1 DRAVE	SS-05	3 SEC	1 SEC	4.0 A	

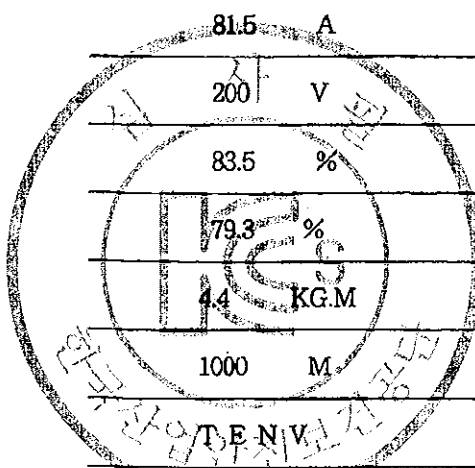
NOTE

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

THREE PHASE INDUCTION MOTOR DATE SHEET

SCHEDULE OF TECHNICAL DATA

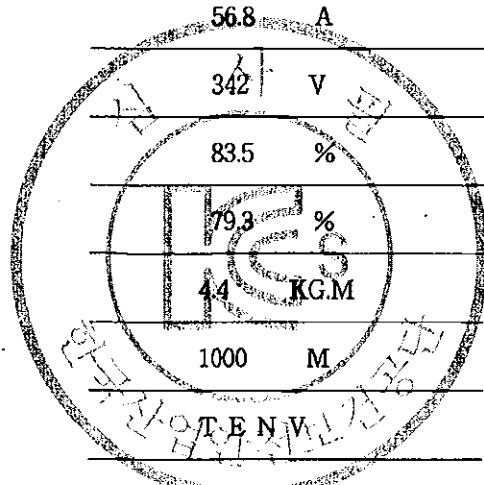
1. SERVICE	HOISTING
2. MANUFACTURE	극동호이스트(주)
3. FRAME NUMBER	112 M
4. RATED POWER	3.7 KW x 4 P
5. RATED VOLTAGE AND FREQUENCY	220 V 60 Hz
6. MOTOR TYPE	SQUIRREL CAGE ROTOR TYPE
7. SERVICE FACTOR AND RATting	1.0 , 30 MIN
8. LOCATION AND INSULATION CLASS	INDOOR, OUTDOOR, B CLASS
9. DESIGN TRMPERATURE RISE(BY RESISTANCE)	80 °C
10. FULL LOAD SPEED	1674 RPM
11. FULL LOAD CURRENT	16 A
12. LOCKED ROTOR CURRENT	81.5 A
13. MINIMUM STARTING VOLTAGE	200 V
14. EFFICIENCY AT 100% RATED LOAD	83.5 %
15. POWER FACTOR AT 100% RATED LOAD	79.3 %
16. FULL LOAD TORQUE	44 KG.M
17. SITE ALTITUDE(UNDER)	1000 M
18. ENCLOSURE & COOLING METHOD	TENV
19. TYPE OF BEARING	PL : 6206zz OPL : 6206zz
20. MOUNTING	HORIZONTAL
21. MAXIMUM AMBIENT TEMPURE	40 °C
22. BEARING LUBRICATION	GREASE
23. STARTING METHOD	FULL VOLTAGE



THREE PHASE INDUCTION MOTOR DATE SHEET

SCHEDULE OF TECHNICAL DATA

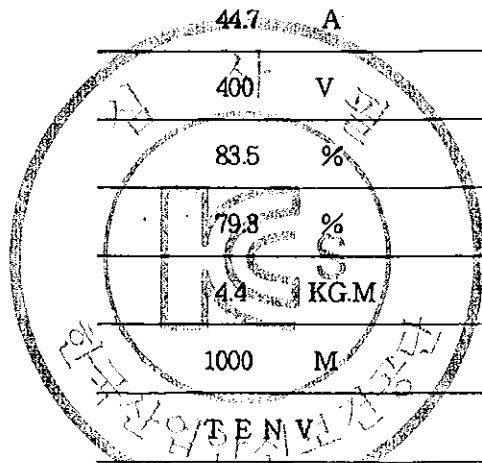
1. SERVICE	HOISTING
2. MANUFACTURE	극동호이스트(주)
3. FRAME NUMBER	112 M
4. RATED POWER	3.7 KW x 4 P
5. RATED VOLTAGE AND FREQUENCY	380 V 60 Hz
6. MOTOR TYPE	SQUIRREL CAGE ROTOR TYPE
7. SERVICE FACTOR AND RATting	1.0 , 30 MIN
8. LOCATION AND INSULATION CLASS	INDOOR, OUTDOOR, B CLASS
9. DESIGN TRMPERATURE RISE(BY RESISTANCE)	80 ℃
10. FULL LOAD SPEED	1674 RPM
11. FULL LOAD CURRENT	9.3 A
12. LOCKED ROTOR CURRENT	56.8 A
13. MINIMUM STARTING VOLTAGE	342 V
14. EFFICIENCY AT 100% RATED LOAD	83.5 %
15. POWER FACTOR AT 100% RATED LOAD	79.3 %
16. FULL LOAD TORQUE	44 KG.M
17. SITE ALTITUDE(UNDER)	1000 M
18. ENCLOSURE & COOLING METHOD	TENV
19. TYPE OF BEARING	PL : 6206zz OPL : 6206zz
20. MOUNTING	HORIZONTAL
21. MAXIMUM AMBIENT TEMPURE	40 ℃
22. BEARING LUBRICATION	GREASE
23. STARTING METHOD	FULL VOLTAGE



THREE PHASE INDUCTION MOTOR DATE SHEET

SCHEDULE OF TECHNICAL DATA

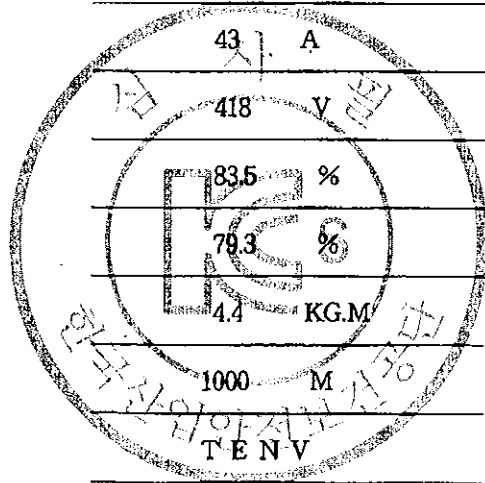
1. SERVICE	HOISTING
2. MANUFACTURE	극동호이스트(주)
3. FRAME NUMBER	112 M
4. RATED POWER	3.7 KW x 4 P
5. RATED VOLTAGE AND FREQUENCY	440 V 60 Hz
6. MOTOR TYPE	SQUIRREL CAGE ROTOR TYPE
7. SERVICE FACTOR AND RATTING	1.0 , 30 MIN
8. LOCATION AND INSULATION CLASS	INDOOR, OUTDOOR, B CLASS
9. DESIGN TRMPERATURE RISE(BY RESISTANCE)	80 °C
10. FULL LOAD SPEED	1674 RPM
11. FULL LOAD CURRENT	8.0 A
12. LOCKED ROTOR CURRENT	44.7 A
13. MINIMUM STARTING VOLTAGE	400 V
14. EFFICIENCY AT 100% RATED LOAD	83.5 %
15. POWER FACTOR AT 100% RATED LOAD	79.8 %
16. FULL LOAD TORQUE	44 KG.M
17. SITE ALTITUDE(UNDER)	1000 M
18. ENCLOSURE & COOLING METHOD	
19. TYPE OF BEARING	PL : 6206zz OPL : 6206zz
20. MOUNTING	HORIZONTAL
21. MAXIMUM AMBIENT TEMPURE	40 °C
22. BEARING LUBRICATION	GREASE
23. STARTING METHOD	FULL VOLTAGE



THREE PHASE INDUCTION MOTOR DATE SHEET

SCHEDULE OF TECHNICAL DATA

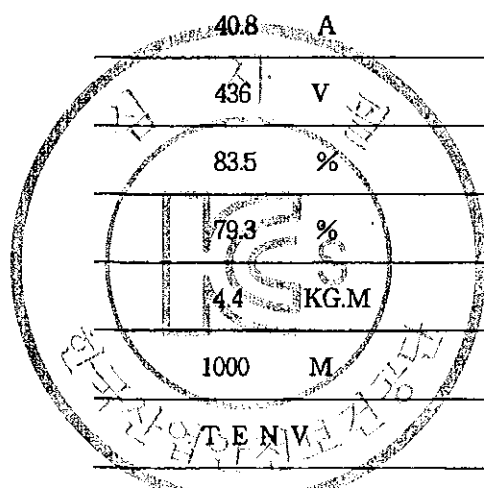
1. SERVICE	HOISTING
2. MANUFACTURE	극동호이스트(주)
3. FRAME NUMBER	112 M
4. RATED POWER	3.7 KW x 4 P
5. RATED VOLTAGE AND FREQUENCY	460 V 60 Hz
6. MOTOR TYPE	SQUIRREL CAGE ROTOR TYPE
7. SERVICE FACTOR AND RATting	1.0 , 30 MIN
8. LOCATION AND INSULATION CLASS	INDOOR, OUTDOOR, B CLASS
9. DESIGN TRMPERATURE RISE(BY RESISTANCE)	80 ℃
10. FULL LOAD SPEED	1674 RPM
11. FULL LOAD CURRENT	7.7 A
12. LOCKED ROTOR CURRENT	43 A
13. MINIMUM STARTING VOLTAGE	418 V
14. EFFICIENCY AT 100% RATED LOAD	83.5 %
15. POWER FACTOR AT 100% RATED LOAD	79.3 %
16. FULL LOAD TORQUE	4.4 KGM
17. SITE ALTITUDE(UNDER)	1000 M
18. ENCLOSURE & COOLING METHOD	TENV
19. TYPE OF BEARING	PL : 6206zz OPL : 6206zz
20. MOUNTING	HORIZONTAL
21. MAXIMUM AMBIENT TEMPURE	40 ℃
22. BEARING LUBRICATION	GREASE
23. STARTING METHOD	FULL VOLTAGE



THREE PHASE INDUCTION MOTOR DATE SHEET

SCHEDULE OF TECHNICAL DATA

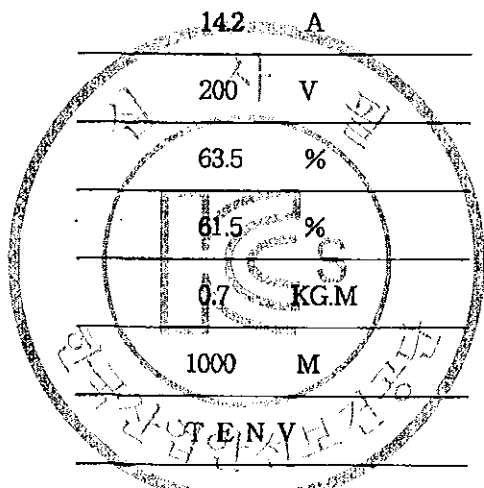
1. SERVICE	HOISTING
2. MANUFACTURE	극동호이스트(주)
3. FRAME NUMBER	112 M
4. RATED POWER	3.7 KW x 4 P
5. RATED VOLTAGE AND FREQUENCY	480 V 60 Hz
6. MOTOR TYPE	SQUIRREL CAGE ROTOR TYPE
7. SERVICE FACTOR AND RATTING	1.0 , 30 MIN
8. LOCATION AND INSULATION CLASS	INDOOR, OUTDOOR, B CLASS
9. DESIGN TRMPERATURE RISE(BY RESISTANCE)	80 ℃
10. FULL LOAD SPEED	1674 RPM
11. FULL LOAD CURRENT	7.3 A
12. LOCKED ROTOR CURRENT	40.8 A
13. MINIMUM STARTING VOLTAGE	436 V
14. EFFICIENCY AT 100% RATED LOAD	83.5 %
15. POWER FACTOR AT 100% RATED LOAD	79.3 %
16. FULL LOAD TORQUE	4.4 KG.M
17. SITE ALTITUDE(UNDER)	1000 M
18. ENCLOSURE & COOLING METHOD	TENV
19. TYPE OF BEARING	PL : 6206zz OPL : 6206zz
20. MOUNTING	HORIZONTAL
21. MAXIMUM AMBIENT TEMPURE	40 ℃
22. BEARING LUBRICATION	GREASE
23. STARTING METHOD	FULL VOLTAGE



THREE PHASE INDUCTION MOTOR DATE SHEET

SCHEDULE OF TECHNICAL DATA

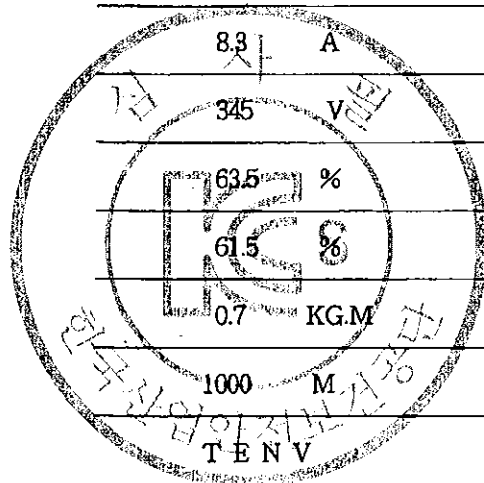
1. SERVICE	CREEP HOISTING
2. MANUFACTURE	극동호이스트(주)
3. FRAME NUMBER	80
4. RATED POWER	0.4 KW x 4 P
5. RATED VOLTAGE AND FREQUENCY	220 V 60 Hz
6. MOTOR TYPE	SQUIRREL CAGE ROTOR TYPE
7. SERVICE FACTOR AND RATTING	1.0 , 30 MIN
8. LOCATION AND INSULATION CLASS	INDOOR, OUTDOOR, B CLASS
9. DESIGN TRMPERATURE RISE(BY RESISTANCE)	80 ℃
10. FULL LOAD SPEED	1674 RPM
11. FULL LOAD CURRENT	2.7 A
12. LOCKED ROTOR CURRENT	14.2 A
13. MINIMUM STARTING VOLTAGE	200 V
14. EFFICIENCY AT 100% RATED LOAD	63.5 %
15. POWER FACTOR AT 100% RATED LOAD	61.5 %
16. FULL LOAD TORQUE	0.7 KG.M
17. SITE ALTITUDE(UNDER)	1000 M
18. ENCLOSURE & COOLING METHOD	PL : 6205zz OPL : 6204zz
19. TYPE OF BEARING	HORIZONTAL
20. MOUNTING	40 ℃
21. MAXIMUM AMBIENT TEMPURE	GREASE
22. BEARING LUBRICATION	FULL VOLTAGE
23. STARTING METHOD	



THREE PHASE INDUCTION MOTOR DATE SHEET

SCHEDULE OF TECHNICAL DATA

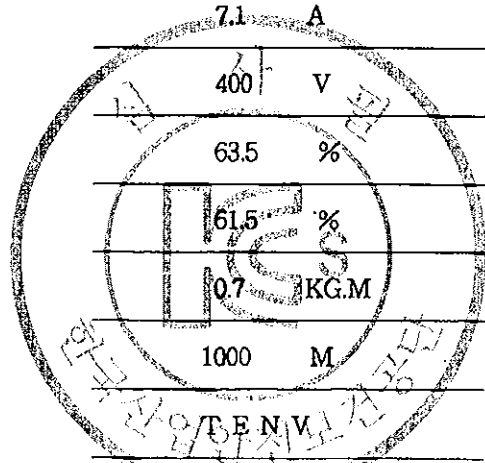
1. SERVICE	CREEP HOISTING
2. MANUFACTURE	극동호이스트(주)
3. FRAME NUMBER	80
4. RATED POWER	0.4 KW x 4 P
5. RATED VOLTAGE AND FREQUENCY	380 V 60 Hz
6. MOTOR TYPE	SQUIRREL CAGE ROTOR TYPE
7. SERVICE FACTOR AND RATTING	1.0 , 30 MIN
8. LOCATION AND INSULATION CLASS	INDOOR, OUTDOOR, B CLASS
9. DESIGN TRMPERATURE RISE(BY RESISTANCE)	80 ℃
10. FULL LOAD SPEED	1674 RPM
11. FULL LOAD CURRENT	1.6 A
12. LOCKED ROTOR CURRENT	8.3 A
13. MINIMUM STARTING VOLTAGE	345 V
14. EFFICIENCY AT 100% RATED LOAD	63.5 %
15. POWER FACTOR AT 100% RATED LOAD	61.5 %
16. FULL LOAD TORQUE	0.7 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

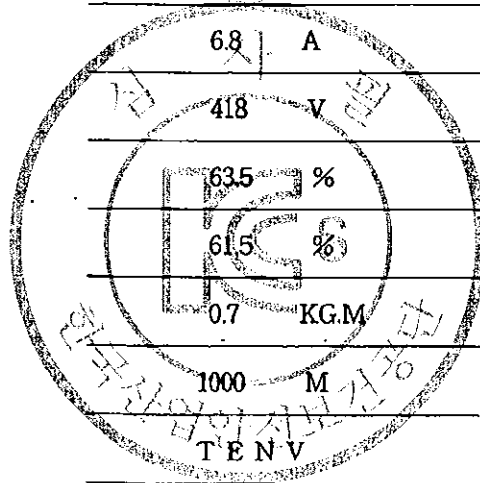
1. SERVICE	CREEP HOISTING
2. MANUFACTURE	극동호이스트(주)
3. FRAME NUMBER	80
4. RATED POWER	0.4 KW x 4 P
5. RATED VOLTAGE AND FREQUENCY	440 V 60 Hz
6. MOTOR TYPE	SQUIRREL CAGE ROTOR TYPE
7. SERVICE FACTOR AND RATting	1.0 , 30 MIN
8. LOCATION AND INSULATION CLASS	INDOOR, OUTDOOR, B CLASS
9. DESIGN TRMPERATURE RISE(BY RESISTANCE)	80 ℃
10. FULL LOAD SPEED	1674 RPM
11. FULL LOAD CURRENT	1.4 A
12. LOCKED ROTOR CURRENT	7.1 A
13. MINIMUM STARTING VOLTAGE	400 V
14. EFFICIENCY AT 100% RATED LOAD	63.5 %
15. POWER FACTOR AT 100% RATED LOAD	61.5 %
16. FULL LOAD TORQUE	0.7 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

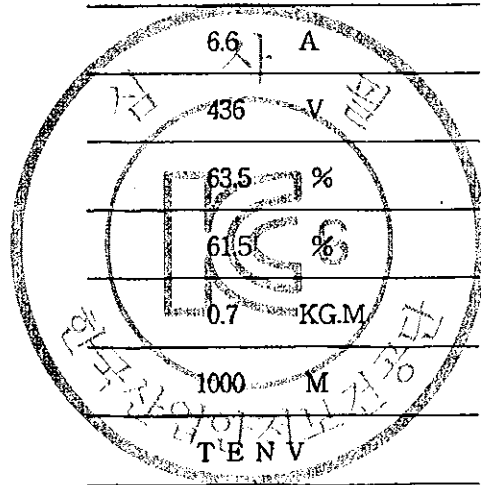
1. SERVICE	CREEP HOISTING
2. MANUFACTURE	극동호이스트(주)
3. FRAME NUMBER	80
4. RATED POWER	0.4 KW x 4 P
5. RATED VOLTAGE AND FREQUENCY	460 V 60 Hz
6. MOTOR TYPE	SQUIRREL CAGE ROTOR TYPE
7. SERVICE FACTOR AND RATting	1.0 , 30 MIN
8. LOCATION AND INSULATION CLASS	INDOOR, OUTDOOR, B CLASS
9. DESIGN TRMPERATURE RISE(BY RESISTANCE)	80 ℃
10. FULL LOAD SPEED	1674 RPM
11. FULL LOAD CURRENT	1.3 A
12. LOCKED ROTOR CURRENT	6.8 A
13. MINIMUM STARTING VOLTAGE	418 V
14. EFFICIENCY AT 100% RATED LOAD	63.5 %
15. POWER FACTOR AT 100% RATED LOAD	61.5 %
16. FULL LOAD TORQUE	0.7 KGM
17. SITE ALTITUDE(UNDER)	1000 M
18. ENCLOSURE & COOLING METHOD	TENV
19. TYPE OF BEARING	PL : 6205zz OPL : 6204zz
20. MOUNTING	HORIZONTAL
21. MAXIMUM AMBIENT TEMPFURE	40 ℃
22. BEARING LUBRICATION	GREASE
23. STARTING METHOD	FULL VOLTAGE



THREE PHASE INDUCTION MOTOR DATE SHEET

SCHEDULE OF TECHNICAL DATA

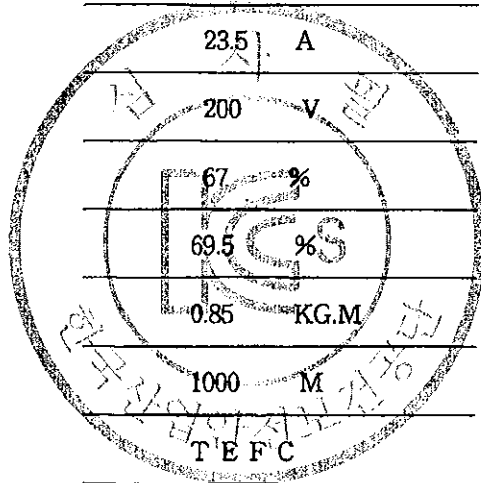
1. SERVICE	CREEP HOISTING
2. MANUFACTURE	극동호이스트(주)
3. FRAME NUMBER	80
4. RATED POWER	0.4 KW x 4 P
5. RATED VOLTAGE AND FREQUENCY	480 V 60 Hz
6. MOTOR TYPE	SQUIRREL CAGE ROTOR TYPE
7. SERVICE FACTOR AND RATting	1.0 , 30 MIN
8. LOCATION AND INSULATION CLASS	INDOOR, OUTDOOR, B CLASS
9. DESIGN TRMPERATURE RISE(BY RESISTANCE)	80 ℃
10. FULL LOAD SPEED	1674 RPM
11. FULL LOAD CURRENT	1.2 A
12. LOCKED ROTOR CURRENT	6.6 A
13. MINIMUM STARTING VOLTAGE	436 V
14. EFFICIENCY AT 100% RATED LOAD	63.5 %
15. POWER FACTOR AT 100% RATED LOAD	61.5 %
16. FULL LOAD TORQUE	0.7 KG.M
17. SITE ALTITUDE(UNDER)	1000 M
18. ENCLOSURE & COOLING METHOD	T E N V
19. TYPE OF BEARING	PL : 6205zz OPL : 6204zz
20. MOUNTING	HORIZONTAL
21. MAXIMUM AMBIENT TEMPURE	40 ℃
22. BEARING LUBRICATION	GREASE
23. STARTING METHOD	FULL VOLTAGE



THREE PHASE INDUCTION MOTOR DATE SHEET

SCHEDULE OF TECHNICAL DATA

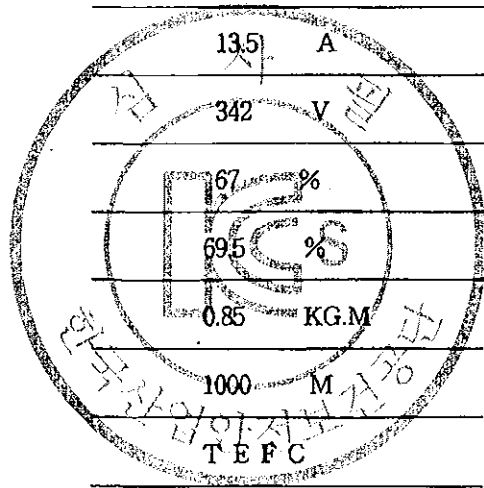
1. SERVICE	TRAVERSING
2. MANUFACTURE	극동호이스트(주)
3. FRAME NUMBER	90 S
4. RATED POWER	0.75 KW x 4 P
5. RATED VOLTAGE AND FREQUENCY	220 V 60 Hz
6. MOTOR TYPE	SQUIRREL CAGE ROTOR TYPE
7. SERVICE FACTOR AND RATting	1.0 , 30 MIN
8. LOCATION AND INSULATION CLASS	INDOOR, OUTDOOR, B CLASS
9. DESIGN TRMPERATURE RISE(BY RESISTANCE)	80 ℃
10. FULL LOAD SPEED	1764 RPM
11. FULL LOAD CURRENT	4.1 A
12. LOCKED ROTOR CURRENT	23.5 A
13. MINIMUM STARTING VOLTAGE	200 V
14. EFFICIENCY AT 100% RATED LOAD	67 %
15. POWER FACTOR AT 100% RATED LOAD	69.5 %S
16. FULL LOAD TORQUE	0.85 KG.M
17. SITE ALTITUDE(UNDER)	1000 M
18. ENCLOSURE & COOLING METHOD	T E F 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

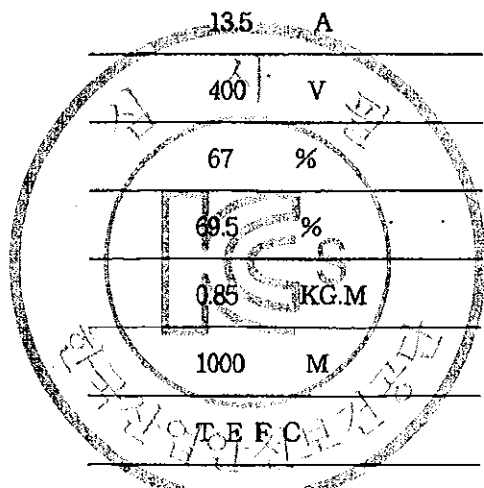
1. SERVICE	TRAVERSING
2. MANUFACTURE	극동호이스트(주)
3. FRAME NUMBER	90 S
4. RATED POWER	0.75 KW x 4 P
5. RATED VOLTAGE AND FREQUENCY	380 V 60 Hz
6. MOTOR TYPE	SQUIRREL CAGE ROTOR TYPE
7. SERVICE FACTOR AND RATTING	1.0 30 MIN
8. LOCATION AND INSULATION CLASS	INDOOR, OUTDOOR, B CLASS
9. DESIGN TRMPERATURE RISE(BY RESISTANCE)	80 ℃
10. FULL LOAD SPEED	1764 RPM
11. FULL LOAD CURRENT	2.4 A
12. LOCKED ROTOR CURRENT	13.5 A
13. MINIMUM STARTING VOLTAGE	342 V
14. EFFICIENCY AT 100% RATED LOAD	67%
15. POWER FACTOR AT 100% RATED LOAD	69.5%
16. FULL LOAD TORQUE	0.85 KG.M
17. SITE ALTTITUDE(UNDER)	1000 M
18. ENCLOSURE & COOLING METHOD	TEFC
19. TYPE OF BEARING	PL : 6205zz OPL : 6204zz
20. MOUNTING	HORIZONTAL
21. MAXIMUM AMBEIENT TEMPURE	40 ℃
22. BEARING LUBRICATION	GREASE
23. STARTING METHOD	FULL VOLTAGE



THREE PHASE INDUCTION MOTOR DATE SHEET

SCHEDULE OF TECHNICAL DATA

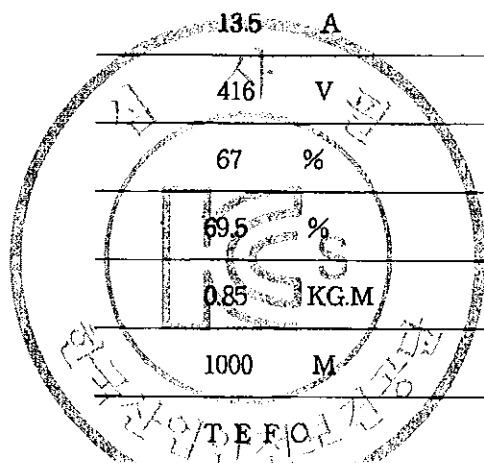
1. SERVICE	TRAVERSING
2. MANUFACTURE	극동호이스트(주)
3. FRAME NUMBER	90 S
4. RATED POWER	0.75 KW x 4 P
5. RATED VOLTAGE AND FREQUENCY	440 V 60 Hz
6. MOTOR TYPE	SQUIRREL CAGE ROTOR TYPE
7. SERVICE FACTOR AND RATting	1.0 , 30 MIN
8. LOCATION AND INSULATION CLASS	INDOOR, OUTDOOR, B CLASS
9. DESIGN TRMPERATURE RISE(BY RESISTANCE)	80 ℃
10. FULL LOAD SPEED	1764 RPM
11. FULL LOAD CURRENT	2.0 A
12. LOCKED ROTOR CURRENT	13.5 A
13. MINIMUM STARTING VOLTAGE	400 V
14. EFFICIENCY AT 100% RATED LOAD	67 %
15. POWER FACTOR AT 100% RATED LOAD	69.5 %
16. FULL LOAD TORQUE	0.85 KG.M
17. SITE ALTITUDE(UNDER)	1000 M
18. ENCLOSURE & COOLING METHOD	T.E.F.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

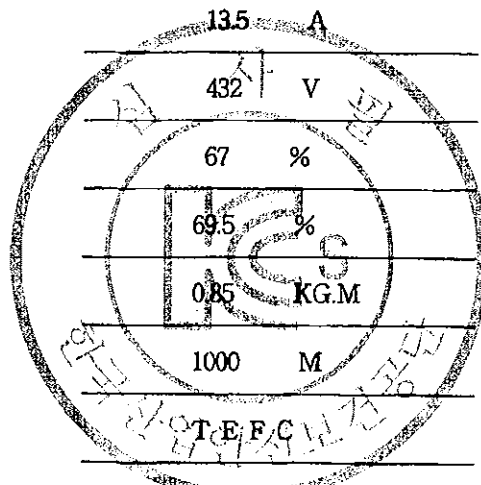
1. SERVICE	TRAVERSING
2. MANUFACTURE	극동호이스트(주)
3. FRAME NUMBER	90 S
4. RATED POWER	0.75 KW x 4 P
5. RATED VOLTAGE AND FREQUENCY	460 V 60 Hz
6. MOTOR TYPE	SQUIRREL CAGE ROTOR TYPE
7. SERVICE FACTOR AND RATting	1.0 , 30 MIN
8. LOCATION AND INSULATION CLASS	INDOOR, OUTDOOR, B CLASS
9. DESIGN TRMPERATURE RISE(BY RESISTANCE)	80 ℃
10. FULL LOAD SPEED	1764 RPM
11. FULL LOAD CURRENT	2.0 A
12. LOCKED ROTOR CURRENT	13.5 A
13. MINIMUM STARTING VOLTAGE	416 V
14. EFFICIENCY AT 100% RATED LOAD	67 %
15. POWER FACTOR AT 100% RATED LOAD	69.5 %
16. FULL LOAD TORQUE	0.85 KG.M
17. SITE ALTITUDE(UNDER)	1000 M
18. ENCLOSURE & COOLING METHOD	TEFC
19. TYPE OF BEARING	PL : 6205zz OPL : 6204zz
20. MOUNTING	HORIZONTAL
21. MAXIMUM AMBIENT TEMPURE	40 ℃
22. BEARING LUBRICATION	GREASE
23. STARTING METHOD	FULL VOLTAGE



THREE PHASE INDUCTION MOTOR DATE SHEET

SCHEDULE OF TECHNICAL DATA

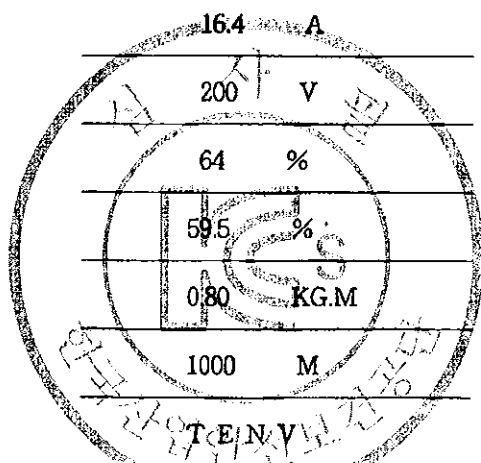
1. SERVICE	TRAVERSING
2. MANUFACTURE	극동호이스트(주)
3. FRAME NUMBER	90 S
4. RATED POWER	0.75 KW x 4 P
5. RATED VOLTAGE AND FREQUENCY	480 V 60 Hz
6. MOTOR TYPE	SQUIRREL CAGE ROTOR TYPE
7. SERVICE FACTOR AND RATting	1.0 , 30 MIN
8. LOCATION AND INSULATION CLASS	INDOOR, OUTDOOR, B CLASS
9. DESIGN TRMPERATURE RISE(BY RESISTANCE)	80 ℃
10. FULL LOAD SPEED	1764 RPM
11. FULL LOAD CURRENT	2.0 A
12. LOCKED ROTOR CURRENT	13.5 A
13. MINIMUM STARTING VOLTAGE	432 V
14. EFFICIENCY AT 100% RATED LOAD	67 %
15. POWER FACTOR AT 100% RATED LOAD	69.5 %
16. FULL LOAD TORQUE	0.85 KG.M
17. SITE ALTITUDE(UNDER)	1000 M
18. ENCLOSURE & COOLING METHOD	T-E-F-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

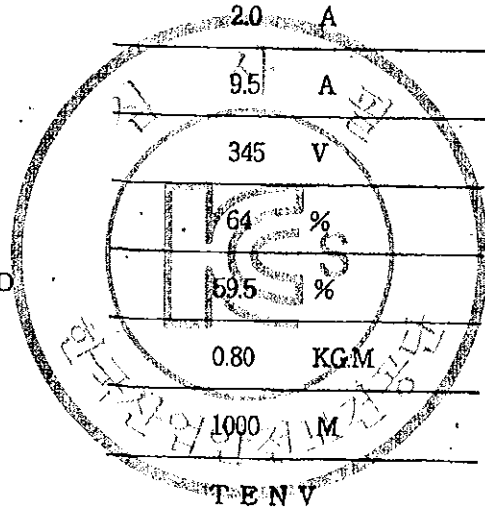
1. SERVICE	TRAVERSING
2. MANUFACTURE	극동호이스트(주)
3. FRAME NUMBER	90 S
4. RATED POWER	0.5 KW x 6 P
5. RATED VOLTAGE AND FREQUENCY	220 V 60 Hz
6. MOTOR TYPE	SQUIRREL CAGE ROTOR TYPE
7. SERVICE FACTOR AND RATting	1.0 , 30 MIN
8. LOCATION AND INSULATION CLASS	INDOOR, OUTDOOR, B CLASS
9. DESIGN TRMPERATURE RISE(BY RESISTANCE)	80 ℃
10. FULL LOAD SPEED	1176 RPM
11. FULL LOAD CURRENT	34 A
12. LOCKED ROTOR CURRENT	16.4 A
13. MINIMUM STARTING VOLTAGE	200 V
14. EFFICIENCY AT 100% RATED LOAD	64 %
15. POWER FACTOR AT 100% RATED LOAD	59.5 %
16. FULL LOAD TORQUE	0.80 KG.M
17. SITE ALTITUDE(UNDER)	1000 M
18. ENCLOSURE & COOLING METHOD	TEN.V
19. TYPE OF BEARING	PL : 6205zz OPL : 6204zz
20. MOUNTING	HORIZONTAL
21. MAXIMUM AMBIENT TEMPURE	40 ℃
22. BEARING LUBRICATION	GREASE
23. STARTING METHOD	FULL VOLTAGE



THREE PHASE INDUCTION MOTOR DATE SHEET

SCHEDULE OF TECHNICAL DATA

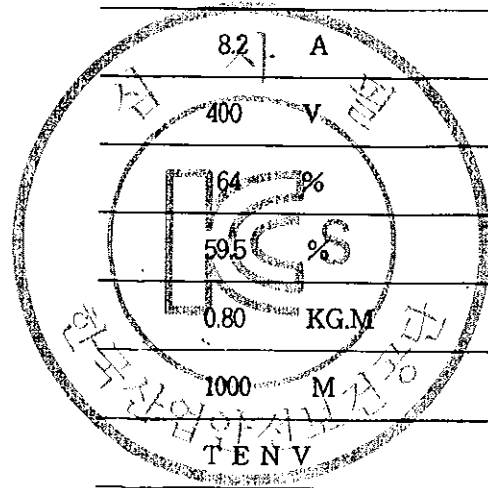
1. SERVICE	TRAVERSING
2. MANUFACTURE	극동호이스트(주)
3. FRAME NUMBER	90 S
4. RATED POWER	0.5 KW x 6 P
5. RATED VOLTAGE AND FREQUENCY	380 V 60 Hz
6. MOTOR TYPE	SQUIRREL CAGE ROTOR TYPE
7. SERVICE FACTOR AND RATTING	1.0 , 30 MIN
8. LOCATION AND INSULATION CLASS	INDOOR, OUTDOOR, B CLASS
9. DESIGN TRMPERATURE RISE(BY RESISTANCE)	80 ℃
10. FULL LOAD SPEED	1176 RPM
11. FULL LOAD CURRENT	2.0 A
12. LOCKED ROTOR CURRENT	9.5 A
13. MINIMUM STARTING VOLTAGE	345 V
14. EFFICIENCY AT 100% RATED LOAD	64 %
15. POWER FACTOR AT 100% RATED LOAD	69.5 %
16. FULL LOAD TORQUE	0.80 KGM
17. SITE ALTTITUDE(UNDER)	1000 M
18. ENCLOSURE & COOLING METHOD	TENV
19. TYPE OF BEARING	PL : 6205zz OPL : 6204zz
20. MOUNTING	HORIZONTAL
21. MAXIMUM AMBIENT TEMPURE	40 ℃
22. BEARING LUBRICATION	GREASE
23. STARTING METHOD	FULL VOLTAGE



THREE PHASE INDUCTION MOTOR DATE SHEET

SCHEDULE OF TECHNICAL DATA

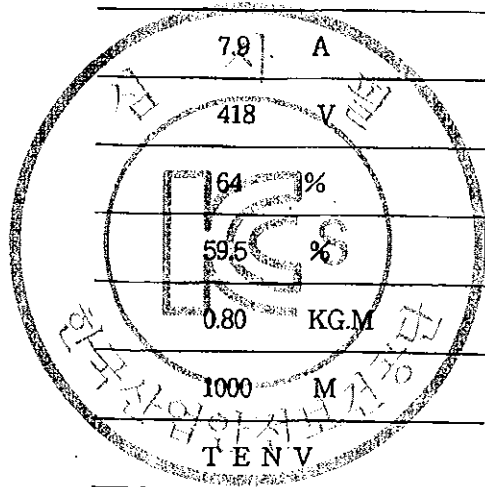
1. SERVICE	TRAVERSING
2. MANUFACTURE	극동호이스트(주)
3. FRAME NUMBER	90 S
4. RATED POWER	0.5 KW x 6 P
5. RATED VOLTAGE AND FREQUENCY	440 V 60 Hz
6. MOTOR TYPE	SQUIRREL CAGE ROTOR TYPE
7. SERVICE FACTOR AND RATting	1.0 , 30 MIN
8. LOCATION AND INSULATION CLASS	INDOOR, OUTDOOR, B CLASS
9. DESIGN TRMPERATURE RISE(BY RESISTANCE)	80 ℃
10. FULL LOAD SPEED	1176 RPM
11. FULL LOAD CURRENT	1.7 A
12. LOCKED ROTOR CURRENT	8.2 A
13. MINIMUM STARTING VOLTAGE	400 V
14. EFFICIENCY AT 100% RATED LOAD	86.4 %
15. POWER FACTOR AT 100% RATED LOAD	59.5 %
16. FULL LOAD TORQUE	0.80 KGM
17. SITE ALTITUDE(UNDER)	1000 M
18. ENCLOSURE & COOLING METHOD	TENV
19. TYPE OF BEARING	PL : 6205zz OPL : 6204zz
20. MOUNTING	HORIZONTAL
21. MAXIMUM AMBIENT TEMPURE	40 ℃
22. BEARING LUBRICATION	GREASE
23. STARTING METHOD	FULL VOLTAGE



THREE PHASE INDUCTION MOTOR DATE SHEET

SCHEDULE OF TECHNICAL DATA

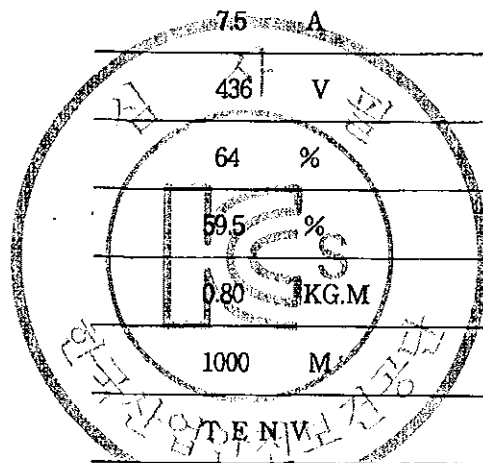
1. SERVICE	TRAVERSING
2. MANUFACTURE	극동호이스트(주)
3. FRAME NUMBER	90 S
4. RATED POWER	0.5 KW x 6 P
5. RATED VOLTAGE AND FREQUENCY	460 V 60 Hz
6. MOTOR TYPE	SQUIRREL CAGE ROTOR TYPE
7. SERVICE FACTOR AND RATting	1.0 , 30 MIN
8. LOCATION AND INSULATION CLASS	INDOOR, OUTDOOR, B CLASS
9. DESIGN TRMPERATURE RISE(BY RESISTANCE)	80 ℃
10. FULL LOAD SPEED	1176 RPM
11. FULL LOAD CURRENT	1.7 A
12. LOCKED ROTOR CURRENT	7.9 A
13. MINIMUM STARTING VOLTAGE	418 V
14. EFFICIENCY AT 100% RATED LOAD	64 %
15. POWER FACTOR AT 100% RATED LOAD	59.5 %
16. FULL LOAD TORQUE	0.80 KGM
17. SITE ALTITUDE(UNDER)	1000 M
18. ENCLOSURE & COOLING METHOD	TENV
19. TYPE OF BEARING	PL : 6205zz OPL : 6204zz
20. MOUNTING	HORIZONTAL
21. MAXIMUM AMBIENT TEMPURE	40 ℃
22. BEARING LUBRICATION	GREASE
23. STARTING METHOD	FULL VOLTAGE



THREE PHASE INDUCTION MOTOR DATE SHEET

SCHEDULE OF TECHNICAL DATA

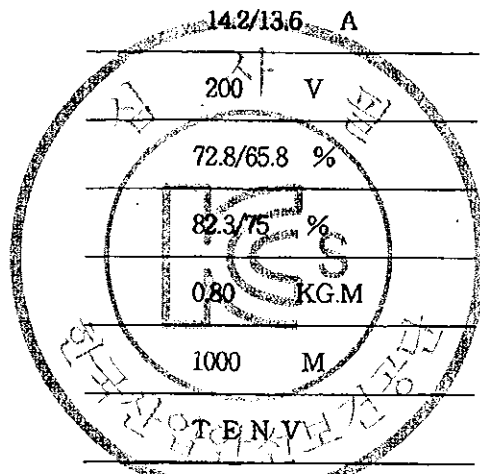
1. SERVICE	TRAVERSING
2. MANUFACTURE	극동호이스트(주)
3. FRAME NUMBER	90 S
4. RATED POWER	0.5 KW x 6 P
5. RATED VOLTAGE AND FREQUENCY	480 V 60 Hz
6. MOTOR TYPE	SQUIRREL CAGE ROTOR TYPE
7. SERVICE FACTOR AND RATting	1.0 , 30 MIN
8. LOCATION AND INSULATION CLASS	INDOOR, OUTDOOR, B CLASS
9. DESIGN TRMPERATURE RISE(BY RESISTANCE)	80 ℃
10. FULL LOAD SPEED	1176 RPM
11. FULL LOAD CURRENT	1.6 A
12. LOCKED ROTOR CURRENT	7.5 A
13. MINIMUM STARTING VOLTAGE	436 V
14. EFFICIENCY AT 100% RATED LOAD	64 %
15. POWER FACTOR AT 100% RATED LOAD	59.5 %
16. FULL LOAD TORQUE	0.80 KG.M
17. SITE ALTITUDE(UNDER)	1000 M
18. ENCLOSURE & COOLING METHOD	
19. TYPE OF BEARING	PL : 6205zz OPL : 6204zz
20. MOUNTING	HORIZONTAL
21. MAXIMUM AMBIENT TEMPURE	40 ℃
22. BEARING LUBRICATION	GREASE
23. STARTING METHOD	FULL VOLTAGE



THREE PHASE INDUCTION MOTOR DATE SHEET

SCHEDULE OF TECHNICAL DATA

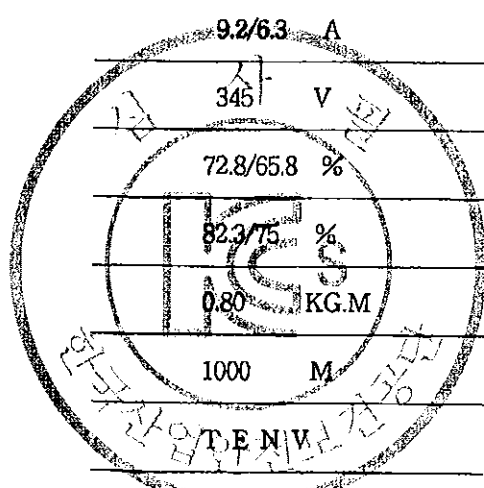
1. SERVICE	TRAVERSING
2. MANUFACTURE	극동호이스트(주)
3. FRAME NUMBER	90 M
4. RATED POWER	0.8/0.4 KW x 4/8 P
5. RATED VOLTAGE AND FREQUENCY	220 V 60 Hz
6. MOTOR TYPE	SQUIRREL CAGE ROTOR TYPE
7. SERVICE FACTOR AND RATting	1.0 , 30 MIN
8. LOCATION AND INSULATION CLASS	INDOOR, OUTDOOR, B CLASS
9. DESIGN TRMPERATURE RISE(BY RESISTANCE)	80 ℃
10. FULL LOAD SPEED	1750 / 850 RPM
11. FULL LOAD CURRENT	4.8/4.25 A
12. LOCKED ROTOR CURRENT	14.2/13.6 A
13. MINIMUM STARTING VOLTAGE	200 V
14. EFFICIENCY AT 100% RATED LOAD	72.8/65.8 %
15. POWER FACTOR AT 100% RATED LOAD	82.3/75 %
16. FULL LOAD TORQUE	0.80 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 TFMPURE	40 ℃
22. BEARING LUBRICATION	GREASE
23. STARTING METHOD	FULL VOLTAGE



THREE PHASE INDUCTION MOTOR DATE SHEET

SCHEDULE OF TECHNICAL DATA

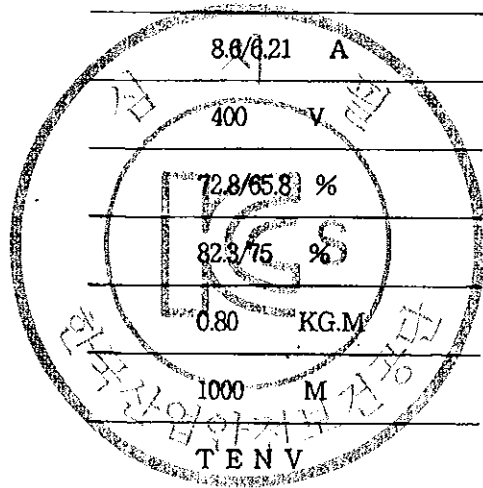
1. SERVICE	TRAVERSING
2. MANUFACTURE	극동호이스트(주)
3. FRAME NUMBER	90 M
4. RATED POWER	0.8/0.4 KW x 4/8 P
5. RATED VOLTAGE AND FREQUENCY	380 V 60 Hz
6. MOTOR TYPE	SQUIRREL CAGE ROTOR TYPE
7. SERVICE FACTOR AND RATING	1.0 , 30 MIN
8. LOCATION AND INSULATION CLASS	INDOOR, OUTDOOR, B CLASS
9. DESIGN TEMPERATURE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



THREE PHASE INDUCTION MOTOR DATE SHEET

SCHEDULE OF TECHNICAL DATA

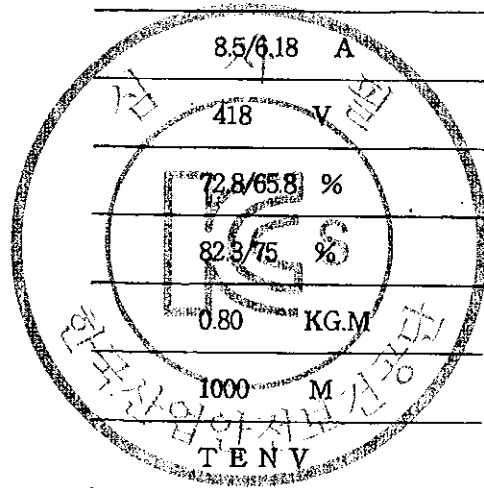
1. SERVICE	TRAVERSING
2. MANUFACTURE	극동호이스트(주)
3. FRAME NUMBER	90 M
4. RATED POWER	0.8/0.4 KW x 4/8 P
5. RATED VOLTAGE AND FREQUENCY	440 V 60 Hz
6. MOTOR TYPE	SQUIRREL CAGE ROTOR TYPE
7. SERVICE FACTOR AND RATting	1.0 , 30 MIN
8. LOCATION AND INSULATION CLASS	INDOOR, OUTDOOR, B CLASS
9. DESIGN TRMPERATURE RISE(BY RESISTANCE)	80 ℃
10. FULL LOAD SPEED	1750 / 850 RPM
11. FULL LOAD CURRENT	2.4/2.27 A
12. LOCKED ROTOR CURRENT	8.8/6.21 A
13. MINIMUM STARTING VOLTAGE	400 V
14. EFFICIENCY AT 100% RATED LOAD	72.8/65.8 %
15. POWER FACTOR AT 100% RATED LOAD	82.3/75 %
16. FULL LOAD TORQUE	0.80 KG.M
17. SITE 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

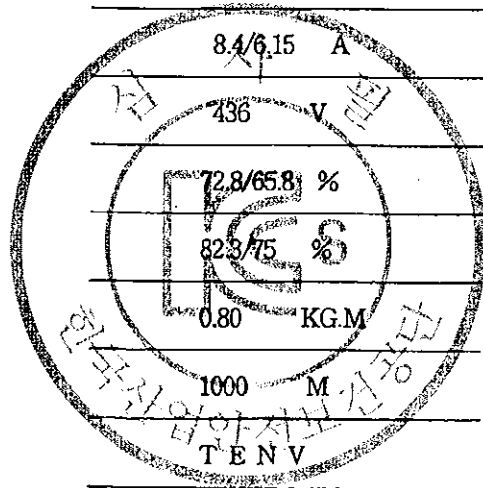
1. SERVICE	TRAVERSING
2. MANUFACTURE	극동호이스트(주)
3. FRAME NUMBER	90 M
4. RATED POWER	0.8/0.4 KW x 4/8 P
5. RATED VOLTAGE AND FREQUENCY	460 V 60 Hz
6. MOTOR TYPE	SQUIRREL CAGE ROTOR TYPE
7. SERVICE FACTOR AND RATTING	1.0 , 30 MIN
8. LOCATION AND INSULATION CLASS	INDOOR, OUTDOOR, B CLASS
9. DESIGN TRMPERATURE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



THREE PHASE INDUCTION MOTOR DATE SHEET

SCHEDULE OF TECHNICAL DATA

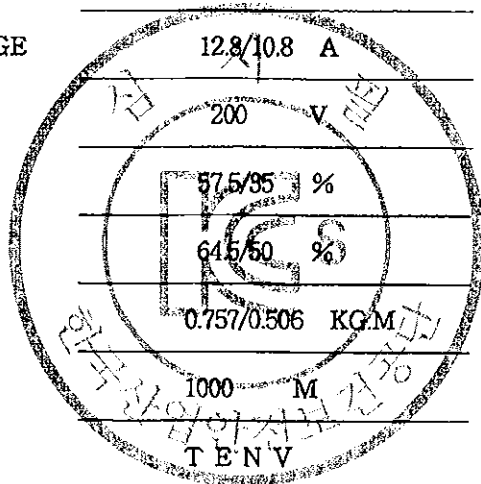
1. SERVICE	TRAVERSING
2. MANUFACTURE	국동호이스트(주)
3. FRAME NUMBER	90 M
4. RATED POWER	0.8/0.4 KW x 4/8 P
5. RATED VOLTAGE AND FREQUENCY	480 V 60 Hz
6. MOTOR TYPE	SQUIRREL CAGE ROTOR TYPE
7. SERVICE FACTOR AND RATting	1.0 , 30 MIN
8. LOCATION AND INSULATION CLASS	INDOOR, OUTDOOR, B CLASS
9. DESIGN TRMPERATURE RISE(BY RESISTANCE)	80 ℃
10. FULL LOAD SPEED	1750 / 850 RPM
11. FULL LOAD CURRENT	2.3/2.1 A
12. LOCKED ROTOR CURRENT	8.4/6.15 A
13. MINIMUM STARTING VOLTAGE	436 V
14. EFFICIENCY AT 100% RATED LOAD	72.8/65.8 %
15. POWER FACTOR AT 100% RATED LOAD	82.3/75 %
16. FULL LOAD TORQUE	0.80 KG.M
17. SITE ALTITUDE(UNDER)	1000 M
18. ENCLOSURE & COOLING METHOD	TENV
19. TYPE OF BEARING	PL : 6205zz OPL : 6204zz
20. MOUNTING	HORIZONTAL
21. MAXIMUM AMBIENT TEMPURE	40 ℃
22. BEARING LUBRICATION	GREASE
23. STARTING METHOD	FULL VOLTAGE



THREE PHASE INDUCTION MOTOR DATE SHEET

SCHEDULE OF TECHNICAL DATA

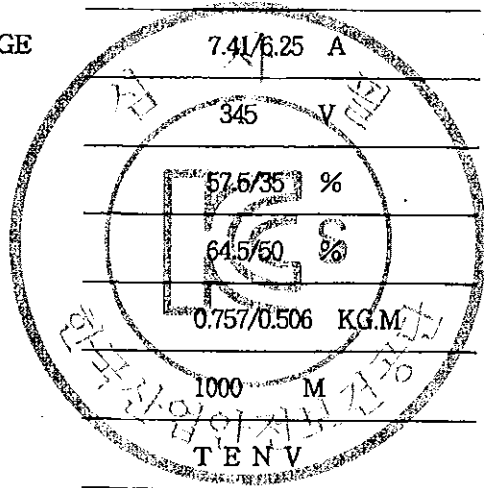
1. SERVICE	TRAVERSING
2. MANUFACTURE	극동호이스트(주)
3. FRAME NUMBER	90 L
4. RATED POWER	0.5/025 KW x 6/12 P
5. RATED VOLTAGE AND FREQUENCY	220 V 60 Hz
6. MOTOR TYPE	SQUIRREL CAGE ROTOR TYPE
7. SERVICE FACTOR AND RATTING	1.0 , 30 MIN
8. LOCATION AND INSULATION CLASS	INDOOR, OUTDOOR, B CLASS
9. DESIGN TRMPERATURE 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	57.5/95 %
15. POWER FACTOR AT 100% RATED LOAD	64.5/50 %
16. STARTING TORQUE	0.757/0.506 KGM
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

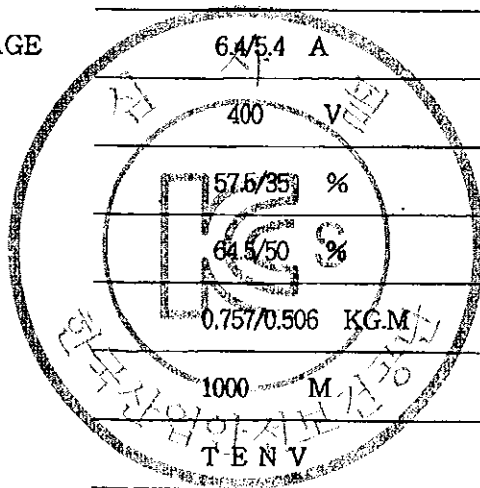
1. SERVICE	TRAVERSING
2. MANUFACTURE	극동호이스트(주)
3. FRAME NUMBER	90 L
4. RATED POWER	0.5/025 KW x 6/12 P
5. RATED VOLTAGE AND FREQUENCY	380 V 60 Hz
6. MOTOR TYPE	SQUIRREL CAGE ROTOR TYPE
7. SERVICE FACTOR AND RATTING	1.0 , 30 MIN
8. LOCATION AND INSULATION CLASS	INDOOR, OUTDOOR, B CLASS
9. DESIGN TRMPERATURE RISE(BY RESISTANCE)	80 ℃
10. FULL LOAD SPEED	1050/460 RPM
11. FULL LOAD CURRENT	1.85/2.08 A
12. STARTING CURRENT AT RATED VOLTAGE	7.41/6.25 A
13. MINIMUM STARTING VOLTAGE	345 V
14. EFFICIENCY AT 100% RATED LOAD	57.5/35 %
15. POWER FACTOR AT 100% RATED LOAD	64.5/50 %
16. STARTING TORQUE	0.757/0.506 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

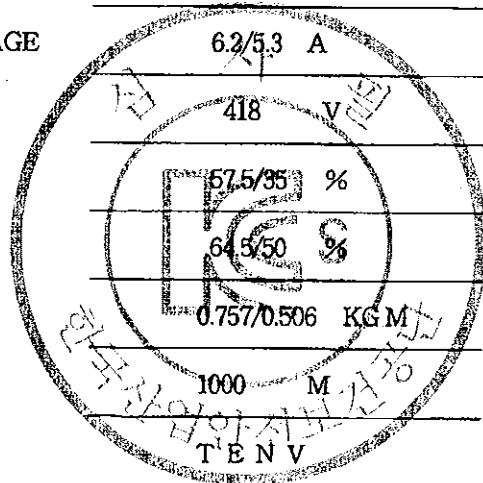
1. SERVICE	TRAVERSING
2. MANUFACTURE	극동호이스트(주)
3. FRAME NUMBER	90 L
4. RATED POWER	0.5/0.25 KW x 6/12 P
5. RATED VOLTAGE AND FREQUENCY	440 V 60 Hz
6. MOTOR TYPE	SQUIRREL CAGE ROTOR TYPE
7. SERVICE FACTOR AND RATting	1.0 , 30 MIN
8. LOCATION AND INSULATION CLASS	INDOOR, OUTDOOR, B CLASS
9. DESIGN TRMPERATURE RISE(BY RESISTANCE)	80 ℃
10. FULL LOAD SPEED	1050/460 RPM
11. FULL LOAD CURRENT	1.6/1.8 A
12. STARTING CURRENT AT RATED VOLTAGE	6.4/5.4 A
13. MINIMUM STARTING VOLTAGE	400 V
14. EFFICIENCY AT 100% RATED LOAD	57.5/35 %
15. POWER FACTOR AT 100% RATED LOAD	64.5/50 %
16. STARTING TORQUE	0.757/0.506 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

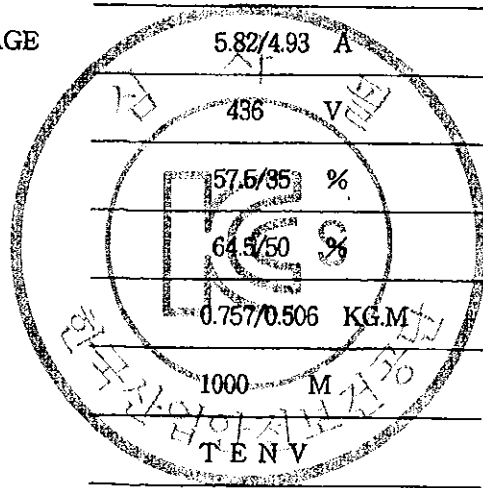
1. SERVICE	TRAVERSING
2. MANUFACTURE	극동호이스트(주)
3. FRAME NUMBER	90 L
4. RATED POWER	0.5/025 KW x 6/12 P
5. RATED VOLTAGE AND FREQUENCY	460 V 60 Hz
6. MOTOR TYPE	SQUIRREL CAGE ROTOR TYPE
7. SERVICE FACTOR AND RATting	1.0 , 30 MIN
8. LOCATION AND INSULATION CLASS	INDOOR, OUTDOOR, B CLASS
9. DESIGN TRMPERATURE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





Manho Rope & Wire Ltd.

Registered by

Manufacture
1080-11, SONGJONG-DONG, GANSEO-KU,
BUSAN, KOREA
TEL: 82-51-831-6811-5
FAX: 82-51-831-6817

AMERICAN BUREAU OF SHIPPING
LLOYD'S REGISTER OF SHIPPING
KOREAN REGISTER OF SHIPPING
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GERMANISCHER LLOYD
RINA, REGISTRO ITALIANO NAVIGAZIONE
JANUARY 2000

Sheet No. 201M-415-01

Date MAY 31, 2011

MILL TEST CERTIFICATE

CUSTOMER : ALSTOM
Supplier : Manho ROPE & WIRE LTD.
M/C No. :
Commodity : GALVANIZED STEEL WIRE ROPE
Construction : 6X19 FC Grade : 155 N/mm²
Specification : KS K5634 Lubrication : DRY
Order Quantity : 2,000.00 M Reel No. :
Gross Weight : Net Weight : 498.00 Kgs

TEST RESULT

Rope Dia : 8.00 (Actual) : 8.050 mm Performing : PASS
Kind of Lay : R.H.L. Length of Lay : 30.00 mm
Actual Breaking strength of Wire Rope : 3,900.00 Kgs
Nominal Dia. of Wire : 1.60 mm
Tensile Strength of Wires : Min : 181 Max : 189 N/mm²
Number of Turns of Wires : Min : 30 Max : 30
Weight of Zinc Coating : 54.200 g/m

CHEMICAL ANALYSIS OF WIRE ROD

Heat No.	C	SI	Mn	P	S
5018527	0.6282	0.195	0.755	0.0129	0.0071

REMARKS



MHS-B102-3)

Manho Rope & Wire Ltd.

Quality Control Dept

(203X280)

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