



제 2014 - 40379 호

안 전 인 증 서

(사업장명)

극동호이스트(주)

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

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

_____ 품 목 _____
호이스트

_____ 형식, 모델(용량, 등급)/인증번호 _____
KDC10/3-MA (10/3Ton) /14-AQ2AC-03791

_____ 인 증 기 준 _____
고용노동부 고시 제2012 - 33호 (위험기계, 기구 의무안전인증 고시)

_____ 인 증 조 건 _____

2014년 11월 21일



한국산업안전보건공단이사장



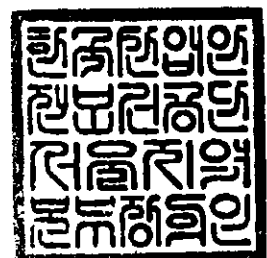
심사결과통지서

신청인	사업장명	극동호이스트(주)	사업장관리번호 (사업자등록번호)	134-81-013350 134-81-01335
	소재지	(425 - 833) 경기도 안산시 성곡동630-2 반월공단 B-607-14		
	대표자성명	최성찬		
안전인증대상 기계·기구명		호이스트		
형식(규격)		KDC10/3-MA	용량(등급)	10/3 Ton
인증심사원		이영진		

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

2011 년 01 월 27 일

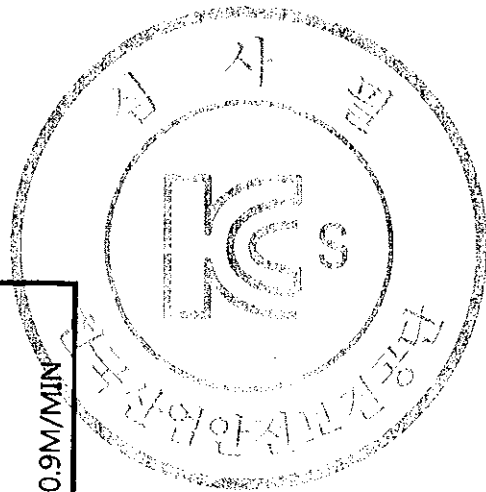
한국산업안전보건공단 서울지역본부장



동일형식일람표

사업장명	국동호이스트(주)	개정일자 및 번호	인증번호	비고
형식	형식 및 모델	동일 형식 인증범위 및 내역		
	모델	권상속도 (m/min)	회행속도 (m/min)	양정 (m)
KDC10/3-MA	KDC10/3-L12-MA	고속:4.5M/MIN	고속:15M/MIN	12
	KDC10/3-L18-MA		저속:10M/MIN	18
	KDC10/3-L24-MA	CREEP:0.45M/MIN	듀얼고속:15/7.5M/MIN	24
	KDC10/3-L30-MA		듀얼저속:10/5M/MIN	30
				-
				모터구동식

*3톤 권상속도
고속:9.0M/MIN
CREEP:0.9M/MIN



호 이 스톱 설 계 조 건

항 목			내 용	
모 델 명			KDC10/3 - L12 -MA	
품 명			이중 레일식 와이어 호이스트	
정격하중	주 권	정격하중	10 TON	-
		시험하중	12.5 TON	-
	보 권	정격하중	-	3 TON
		시험하중	-	3.75 TON
주권달기구	종 류	SINGLE HOOK & DOUBLE HOOK		
	자체하중	0.1		0.03
양 정 (LIFT)			12 M	
호이스트 (HOIST)	HIGH	SPEED	4.5/0.45 M/MIN	9/0.9 M/MIN
		MOTOR	9/1.1 KW x 8P	5.5/1.5 KW x 4P
	BRAKE		D.C MAGNET DISC BRAKE	
TRAVERSING	HIGH	SPEED	15 M/MIN	
		MOTOR	0.75KW x 4P	
	LOW	SPEED	10 M/MIN	
		MOTOR	0.5 KW x 6P	
	DUAL HIGH	SPEED	15/7.5 M/MIN	
		MOTOR	0.8/0.4KW x 4/8P	
	DUAL LOW	SPEED	10/5 M/MIN	
		MOTOR	0.5/0.25 KW x 6/12P	
	BRAKE		D.C MAGNET DISC BRAKE	
	WIRE ROPE		(6x37)ø16 x 4 FALLS	(6x37)ø12.5 x 2 FALLS
POWER SOURCE		MAIN	AC ø3 x 220V (380,440,460,480)V x 50/60Hz	
		CONTROL	AC ø1x 110V(120V) x 60Hz	
CONTROL METHOD			F.L 상 PUSH BUTTON 조작방식	
방 호 장 치			과부하방지장치, 과권방지장치, HOOK 해치장치, 횡행STOPPER, 비상정지장치	
사 용 용 도			창고용 , 정비용 , 일반화물 인양작업	
설 치 위 치			☑ 옥 내 ☑ 옥 외	
하중을 받는 회수			1.2x10 ⁵ 회 이상 2.5x10 ⁵ 회 미만	
사 용 조 건			정격하중 63%이상 80%이하의 하중용 HOIST	
주 위 온 도			-10 ~ 40℃ 이내	
방 폭 구 조 사			192.7168.11.44 / 2011-01-31 08:27:20	

호 이 스톱 설 계 조 건

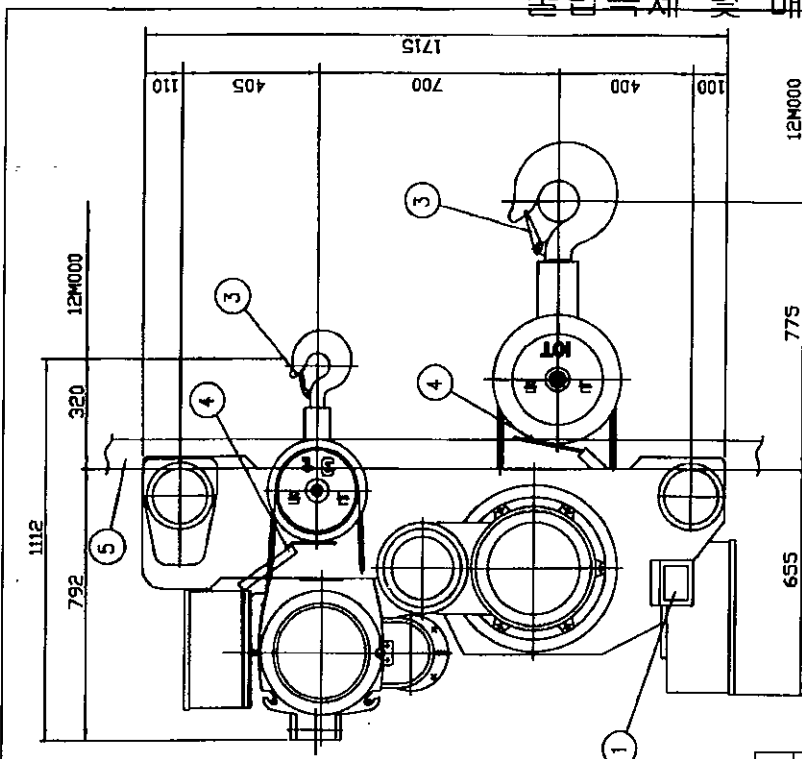
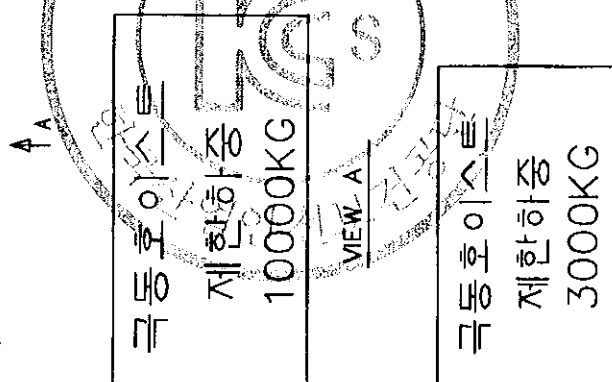
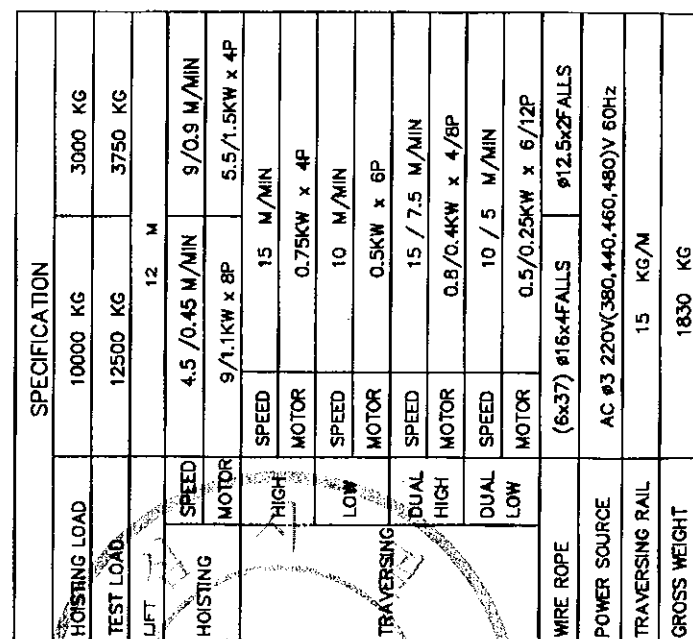
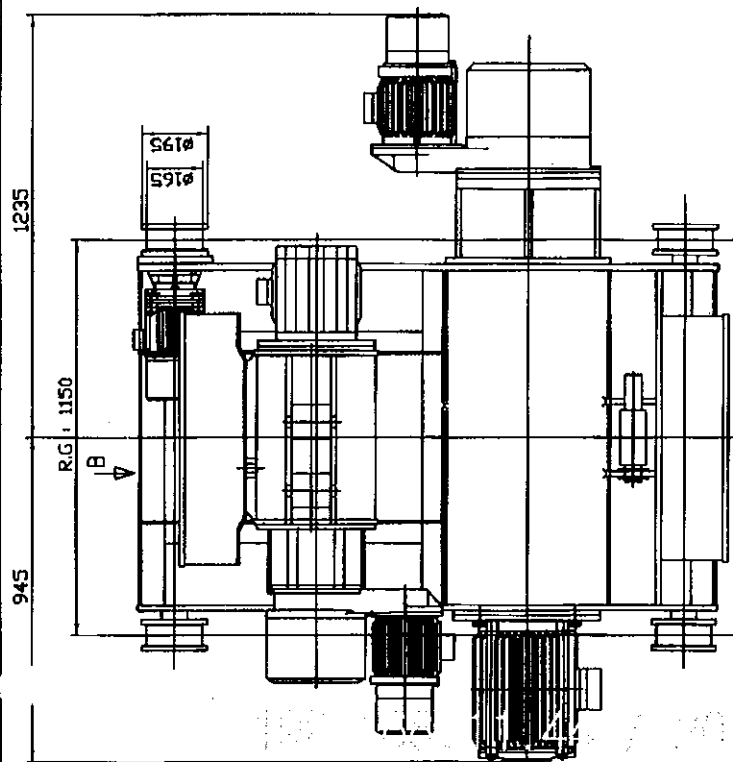
항 목			내 용	
모 델 명			KDC10/3 - L18 -MA	
품 명			이중 레일식 와이어 호이스트	
정격하중	주 권	정격하중	10 TON	-
		시험하중	12.5 TON	-
	보 권	정격하중	-	3 TON
		시험하중	-	3.75 TON
주권달기구	종 류	SINGLE HOOK & DOUBLE HOOK		
	자체하중	0.1	0.03	
양 정 (LIFT)			18 M	
호이스트 (HOIST)	HIGH	SPEED	4.5/0.45 M/MIN	9/0.9 M/MIN
		MOTOR	9/1.1 KW x 8P	5.5/1.5 KW x 4P
	BRAKE		D.C MAGNET DISC BRAKE	
TRAVERSING	HIGH	SPEED	15 M/MIN	
		MOTOR	0.75KW x 4P	
	LOW	SPEED	10 M/MIN	
		MOTOR	0.5 KW x 6P	
	DUAL HIGH	SPEED	15/7.5 M/MIN	
		MOTOR	0.8/0.4KW x 4/8P	
	DUAL LOW	SPEED	10/5 M/MIN	
		MOTOR	0.5/0.25 KW x 6/12P	
	BRAKE		D.C MAGNET DISC BRAKE	
WIRE ROPE			(6x37)ø16 x 4 FALLS (6x37)ø12.5 x 2 FALLS	
POWER SOURCE	MAIN		AC ø3 x 220V (380,440,460,480)V x 50/60Hz	
	CONTROL		AC ø1x 110V(120V) x 60Hz	
CONTROL METHOD			F.L 상 PUSH BUTTON 조작방식	
방 호 장 치			과부하방지장치, 과권방지장치, HOOK 해치장치, 횡행STOPPER, 비상정지장치	
사 용 용 도			창고용, 정비용, 일반화물 인양작업	
설 치 위 치			☑ 옥 내 ☑ 옥 외	
하중을 받는 회수			1.2x10 ⁵ 회 이상 2.5x10 ⁵ 회 미만	
사 용 조 건			정격하중 63%이상 80%이하의 하중용 HOIST	
주 위 온 도			-10 ~ 40℃ 이내	
방 품 구 조 사 용			192.168.11.44 / 2011-01-31 08:27:20	

호 이 스톱 설 계 조 건

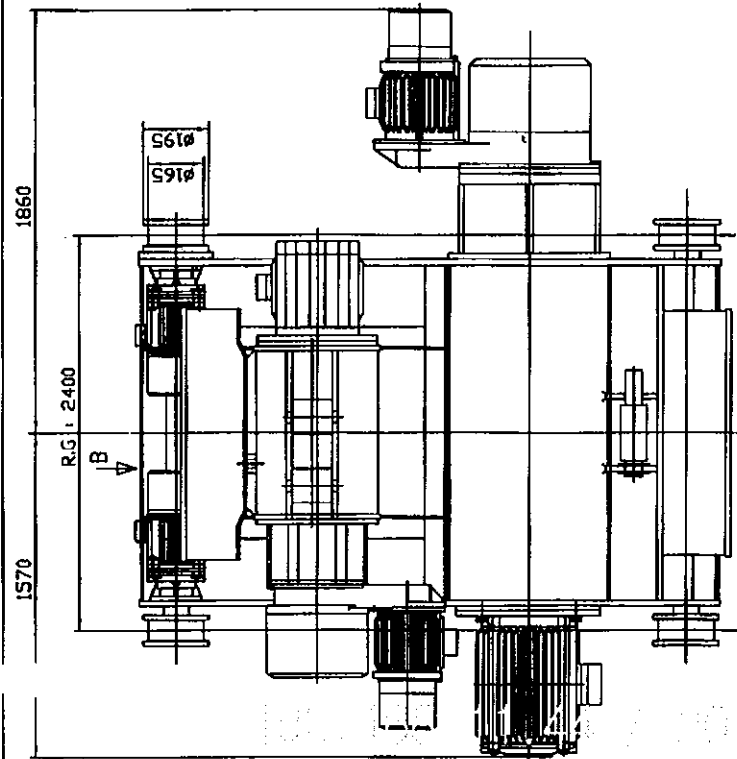
항 목			내 용	
모 델 명			KDC10/3 - L24 -MA	
품 명			이중 레일식 와이어 호이스트	
정격하중	주 권	정격하중	10 TON	-
		시험하중	12.5 TON	-
	보 권	정격하중	-	3 TON
		시험하중	-	3.75 TON
주권달기구	종 류	SINGLE HOOK & DOUBLE HOOK		
	자체하중	0.1	0.03	
양 정 (LIFT)			24 M	
호이스트 (HOIST)	HIGH	SPEED	4.5/0.45 M/MIN	9/0.9 M/MIN
		MOTOR	9/1.1 KW x 8P	5.5/1.5 KW x 4P
	BRAKE		D.C MAGNET DISC BRAKE	
TRAVERSING	HIGH	SPEED	15 M/MIN	
		MOTOR	0.75KW x 4P	
	LOW	SPEED	10 M/MIN	
		MOTOR	0.5 KW x 6P	
	DUAL HIGH	SPEED	15/7.5 M/MIN	
		MOTOR	0.8/0.4KW x 4/8P	
	DUAL LOW	SPEED	10/5 M/MIN	
		MOTOR	0.5/0.25 KW x 6/12P	
	BRAKE		D.C MAGNET DISC BRAKE	
WIRE ROPE			(6x37)ø16 x 4 FALLS	(6x37)ø12.5 x 2 FALLS
POWER SOURCE		MAIN	AC ø3 x 220V (380,440,460,480)V x 50/60Hz	
		CONTROL	AC ø1x 110V(120V) x 60Hz	
CONTROL METHOD			F.L 상 PUSH BUTTON 조작방식	
방 호 장 치			과부하방지장치, 과전방지장치, HOOK 해치장치, 횡행STOPPER, 비상정지장치	
사 용 용 도			창고용, 정비용, 일반화물 인양작업	
설 치 위 치			☑ 옥 내 ☑ 옥 외	
하중을 받는 회수			1.2x10 ⁵ 회 이상 2.5x10 ⁵ 회 미만	
사 용 조 건			정격하중 63%이상 80%이하의 하중용 HOIST	
주 위 온 도			-10 ~ 40℃ 이내	
방 품 구 조 사			192.168.11.44 / 2019-01-31 08:27:20	

호 이 스톱 설 계 조 건

항 목			내 용	
모 델 명			KDC10/3 - L30 -MA	
품 명			이중 레일식 와이어 호이스트	
정격하중	주 권	정격하중	10 TON	-
		시험하중	12.5 TON	-
	보 권	정격하중	-	3 TON
		시험하중	-	3.75 TON
주 권 달 기 구	종 류	SINGLE HOOK & DOUBLE HOOK		
	자체하중	0.1	0.03	
양 정 (LIFT)			30 M	
호이스트 (HOIST)	HIGH	SPEED	4.5/0.45 M/MIN	9/0.9 M/MIN
		MOTOR	9/1.1 KW x 8P	5.5/1.5 KW x 4P
	BRAKE		D.C MAGNET DISC BRAKE	
TRAVERSING	HIGH	SPEED	15 M/MIN	
		MOTOR	0.75KW x 4P (2UNITS)	
	LOW	SPEED	10 M/MIN	
		MOTOR	0.5 KW x 6P (2UNITS)	
	DUAL HIGH	SPEED	15/7.5 M/MIN	
		MOTOR	0.8/0.4KW x 4/8P (2UNITS)	
	DUAL LOW	SPEED	10/5 M/MIN	
		MOTOR	0.5/0.25 KW x 6/12P (2UNITS)	
	BRAKE		D.C MAGNET DISC BRAKE	
WIRE ROPE			(6x37)ø16 x 4 FALLS	(6x37)ø12.5 x 2 FALLS
POWER SOURCE	MAIN		AC 3ø x 220V (380,440,460,480)V x 50/60Hz	
	CONTROL		AC 1ø x 110V(120V) x 60Hz	
CONTROL METHOD			F.L 상 PUSH BUTTON 조작방식	
방 호 장 치			과부하방지장치, 과권방지장치, HOOK 해치장치, 횡행STOPPER, 비상정지장치	
사 용 용 도			창고용 , 정비용 , 일반화물 인양작업	
설 치 위 치			☒ 옥 내 ☒ 옥 외	
하중을 받는 회수			1.2x10 ⁵ 회 이상 2.5x10 ⁵ 회 미만	
사 용 조 건			정격하중 63%이상 80%이하의 하중용 HOIST	
주 위 온 도			-10 ~ 40℃ 이내	
방 품 구 조 사 192.168.11.44 / 2011-01-31 08:27:20				



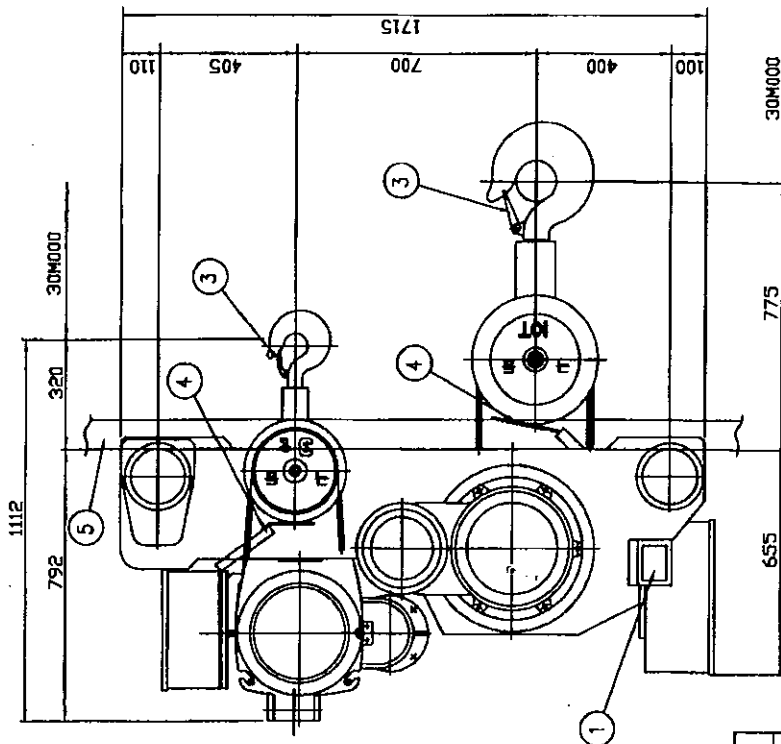
5	T/S RAIL	-	-	-					
4	UPPER LIMIT S/W	SS400		2					
3	SAFETY LATCH	SS400		2					
2	EMERGENCY S/W	-		1					
1	LOAD LIMITER	-		2					
NO.	DESCRIPTION	M'T'L	SUB QTY	TOTAL	SUB WEIGHT(Kg)	TOTAL	REMARKS.		
PROJECT						DATE	DIM		
							mm		
TITLE		KDC10/3 - L12 - MA							
		ARRANGMENT DRAWING FOR HOIST							
DRAWN	DESIGNED	CHECKED	APPROVED			SCALE	A3/1	PROJECTION	
						REF. DRAWING		3rd	
 KDD				KDD 호이스트 주식회사 KUK DONG HOIST CO., LTD.				SHEET No.	
								DWG No. KDC10C31200	



SPECIFICATION			
HOISTING LOAD	10000 KG	3000 KG	
TEST LOAD	12500 KG	3750 KG	
LIFT	18 M		
HOISTING	SPEED	4.5 / 0.45 M/MIN	9 / 0.9 M/MIN
	MOTOR	9 / 1.1KW x 8P	5.5 / 1.5KW x 4P
HIGH	SPEED	15 M/MIN	
	MOTOR	0.75KW x 4P (2UNIT)	
LOW	SPEED	10 M/MIN	
	MOTOR	0.5KW x 6P (2UNIT)	
TRAVERSING	SPEED	15 / 7.5 M/MIN	
	MOTOR	0.8 / 0.4KW x 4 / 8P (2UNIT)	
DUAL HIGH	SPEED	10 / 5 M/MIN	
	MOTOR	0.5 / 0.25KW x 6 / 12P (2UNIT)	
WIRE ROPE		(6x37) #16x4FALLS	ø12.5x2FALLS
POWER SOURCE		AC #3 220V(380, 440, 460, 480)V	60Hz
TRAVERSING RAIL		15 KG/M	
GROSS WEIGHT		2420 KG	

극동호이스트
제한하중
10000KG
VIEW A

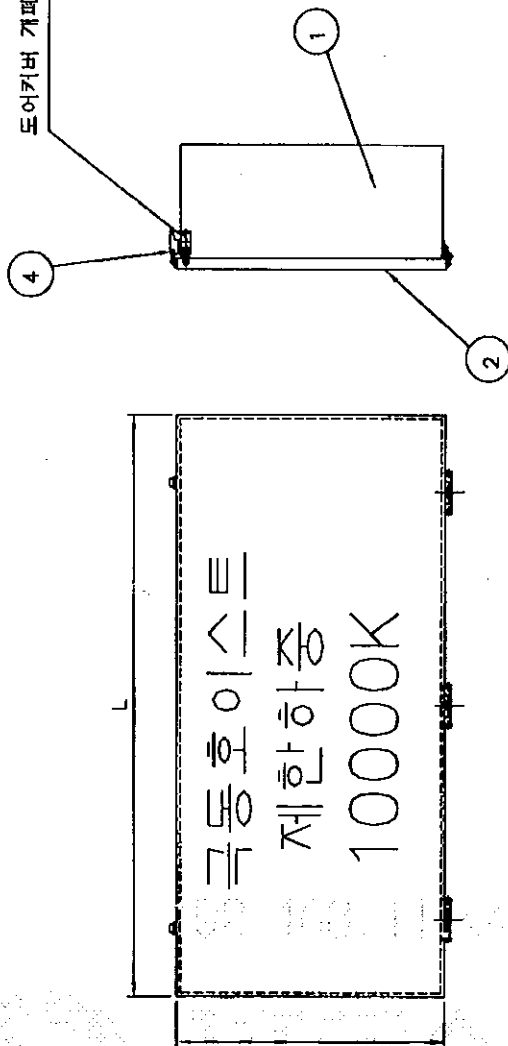
극동호이스트
제한하중
3000KG
VIEW B



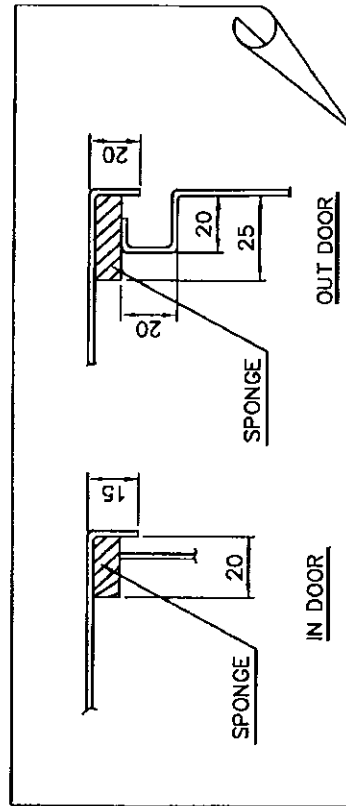
NO.	DESCRIPTION	MTL	SUB QTY	TOTAL QTY	REMARKS.
5	T/S RAIL	-	-	-	
4	UPPER LIMIT S/W	SS400	2		
3	SAFETY LATCH	SS400	2		
2	EMERGENCY S/W	-	1		
1	LOAD LIMITER	-	2		

				WEIGHT(KG)			
PROJECT		DATE		DIM			
				mm			
TITLE :		SCALE		PROJECTION			
KDC10/3 - L30 - MA		A3/1		3rd			
ARRANGMENT DRAWING FOR HOIST		REF. DRAWING					
DRAWN		DESIGNED		CHECKED		APPROVED	





NO	DESCRIPTION	M'T'L	REMARKS
1	PANEL CASE	SPC	1.6t
2	PANEL COVER	SPC	1.6t
3	HINGE	PUR'	
4	CLAMP	PUR'	
5	SPONGE	PUR'	
6	MIRCO S/W	PUR'	도어키버 기폐시 ON/OFF



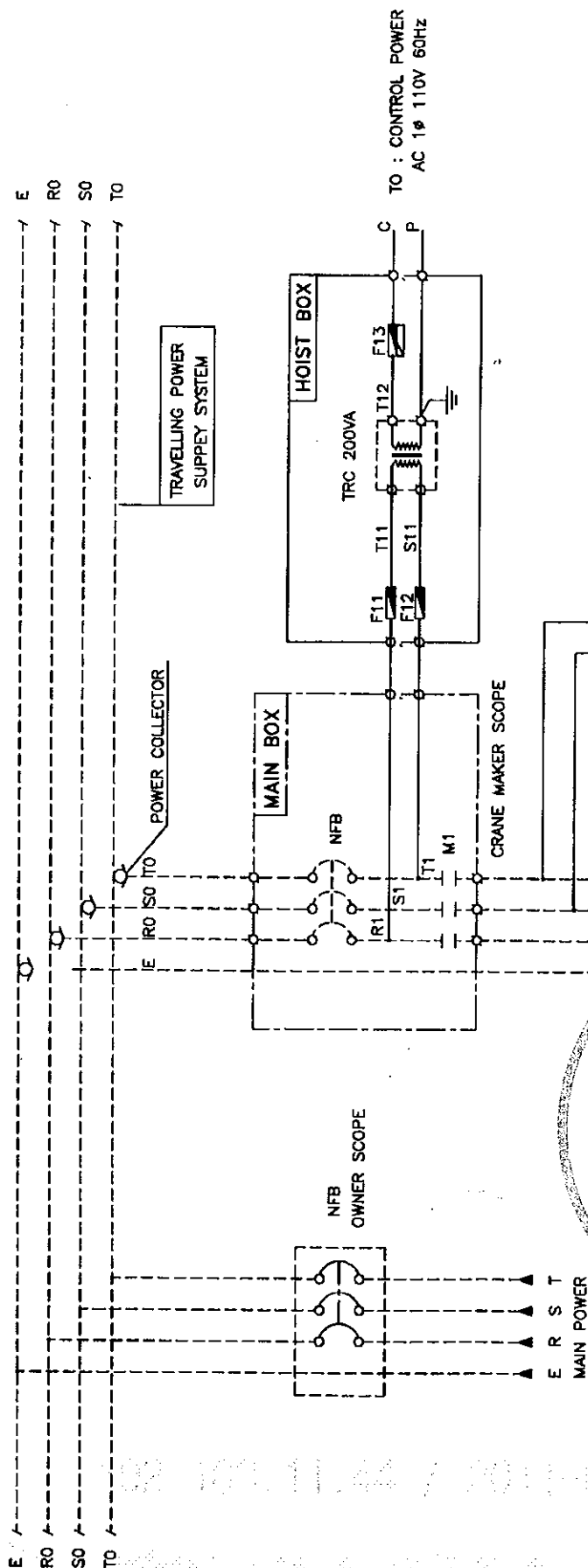
1. PROTECTION DEGREE ;

- | |
|---|
| A. INDOOR TYPE : DUST PROOF |
| B. OUT DOOR TYPE : SPLASH PROOF |
| 2.FINAL PAINTING COLOR (MANSELL NO.) |
| A. IN SIDE : 10B 3/5 |
| B. OUT SIDE : 10B 3/5 |
| 3.PAINTING THICKNESS : ABOVE 40 um |
| 4.APPLICATION VOLTAGE : 220V,380V,440V,460V,480V |
| 5.제어용 전선 : 2.0sq KIV,HIV |
| 6.외함 기발구조는 다음과 같다. |
| 1) 외함 기발시 충전부분이 차단되도록 한다. |
| 2) 외함 기발 후 충전되어있는 부분은 IP2X 이상의
직접전격 방호가 되어있을것. |

SELECTION	HOIST CAPACITY	DESCRIPTION	IN DOOR			OUT DOOR			REMARK
			A	B	L	A	B	L	
	10 TON	NORMAL	450	200	690	650	200	690	
	10 TON	CREEP	450	200	690	650	200	690	

[illegible]

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																			
TRAVELLING POWER SUPPLY SYSTEM																			ADR'S NO.
																			A1



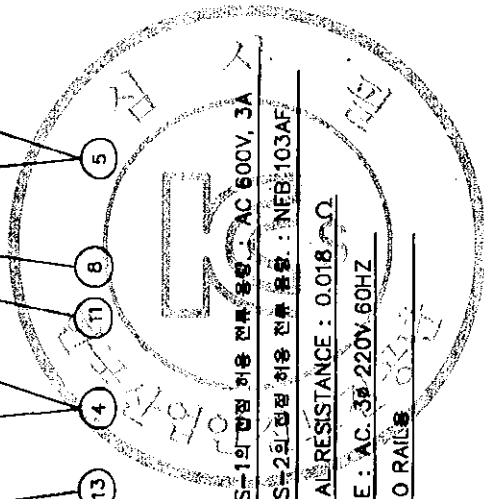
1. ----- MARKED OWNER SCOPE

2. EARTH : 제 3종접지 공사(400V 미만전압 : 100 OHM 이하)

제 3종접지 공사(400V 이상전압 : 10 OHM 이하)

1. 전선의 색상은 다음과 같다.
- 1) 흑 색 : 전원선
 - 2) 적 색 : 교류제어선
 - 3) 청 색 : 교류제어선
 - 4) 녹색 또는 녹색과 황색 혼용 : 접지
2. 표시등의 색상은 다음과 같다.
- 1) 적 색 : 비상
 - 2) 황 색 : 비정상
 - 3) 녹색 : 정상
 - 4) 청색 : 경고
 - 5) 흰색 : 공통
3. 조작 버튼의 색상은 다음과 같다.
- 1) 적 색 : 비상
 - 2) 황 색 : 비정상
 - 3) 청 색 : 경고
 - 4) 흰색, 회색 또는 녹색 : 지정된 의미없음

△																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
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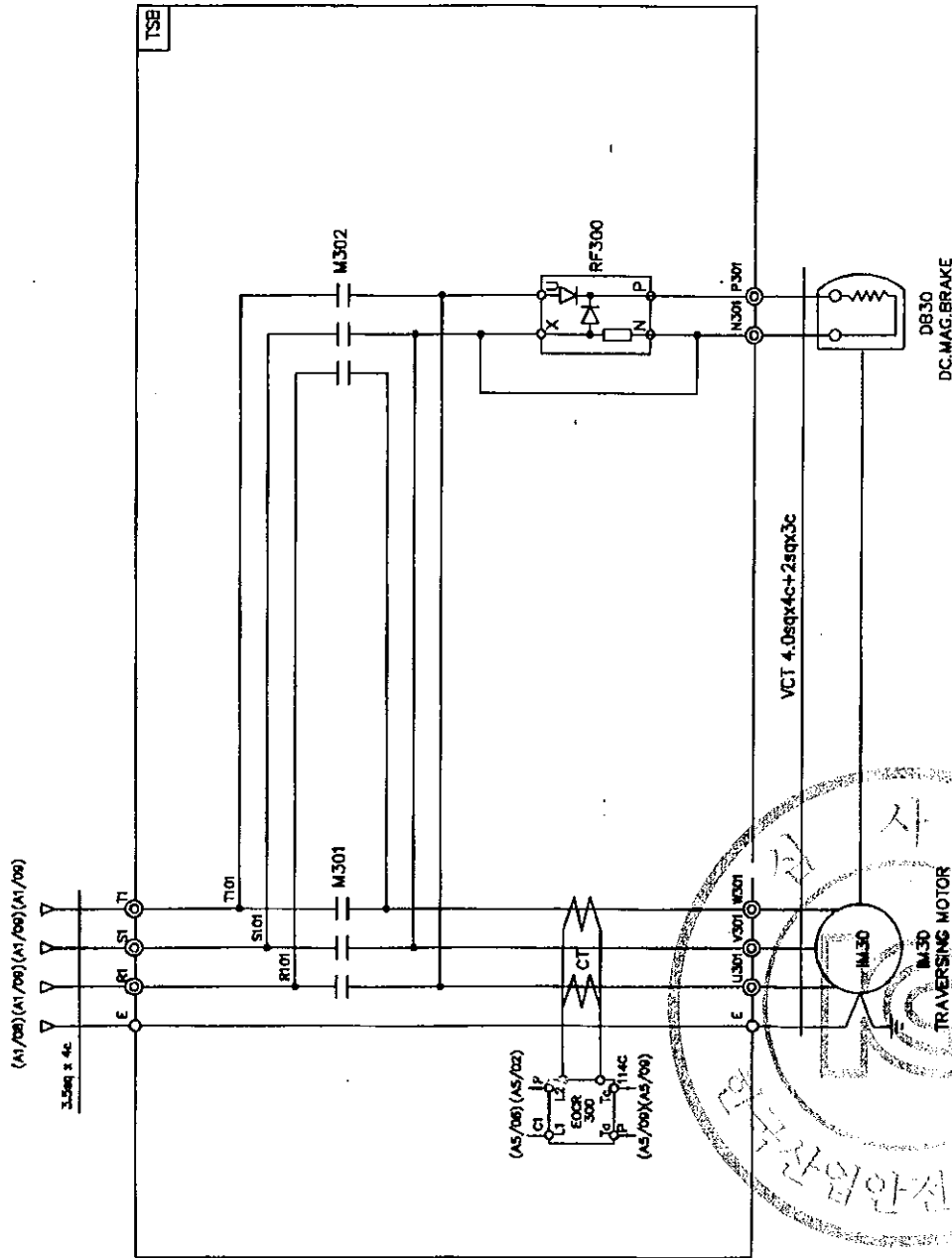


NOTES

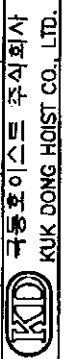
1. 전선의 색상은 다음과 같다.
 - 1) 흑색 : 그라운드 및 직류 전원선로
 - 2) 적색 : 교류제어회로
 - 3) 주황색 : 외부전원에서 공급되는 인동장치 제어회로
 - 4) 녹색 또는 녹색과 황색 혼용 : 접지선
2. CABLE MATERIAL : [KIV OR EQUIVALENT
MIN SIZE : 2.0sq
3. 제어용 전선 : 2.0mm KIV,HIV
 4. 제작성 : 다소 변경될수있음.
 5. 외함 개방구조는 다음과 같을것.
- 1) 외함 개방시 응전부분이 차단되도록 할것.
 - 2) 외함 개방후 응전되어있는 부분은 IP2X 이상의 직접 접촉 방호가 되어있을것.

[illegible]

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



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



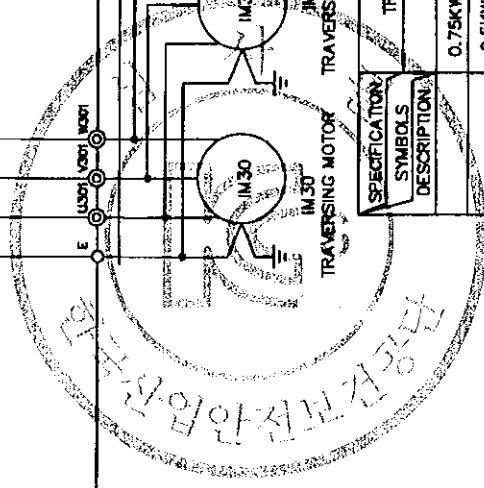
TRAVERSING POWER CONTROL CIRCUIT
DIAGRAM

KUK DONG HOIST CO., LTD.

KDC10E23

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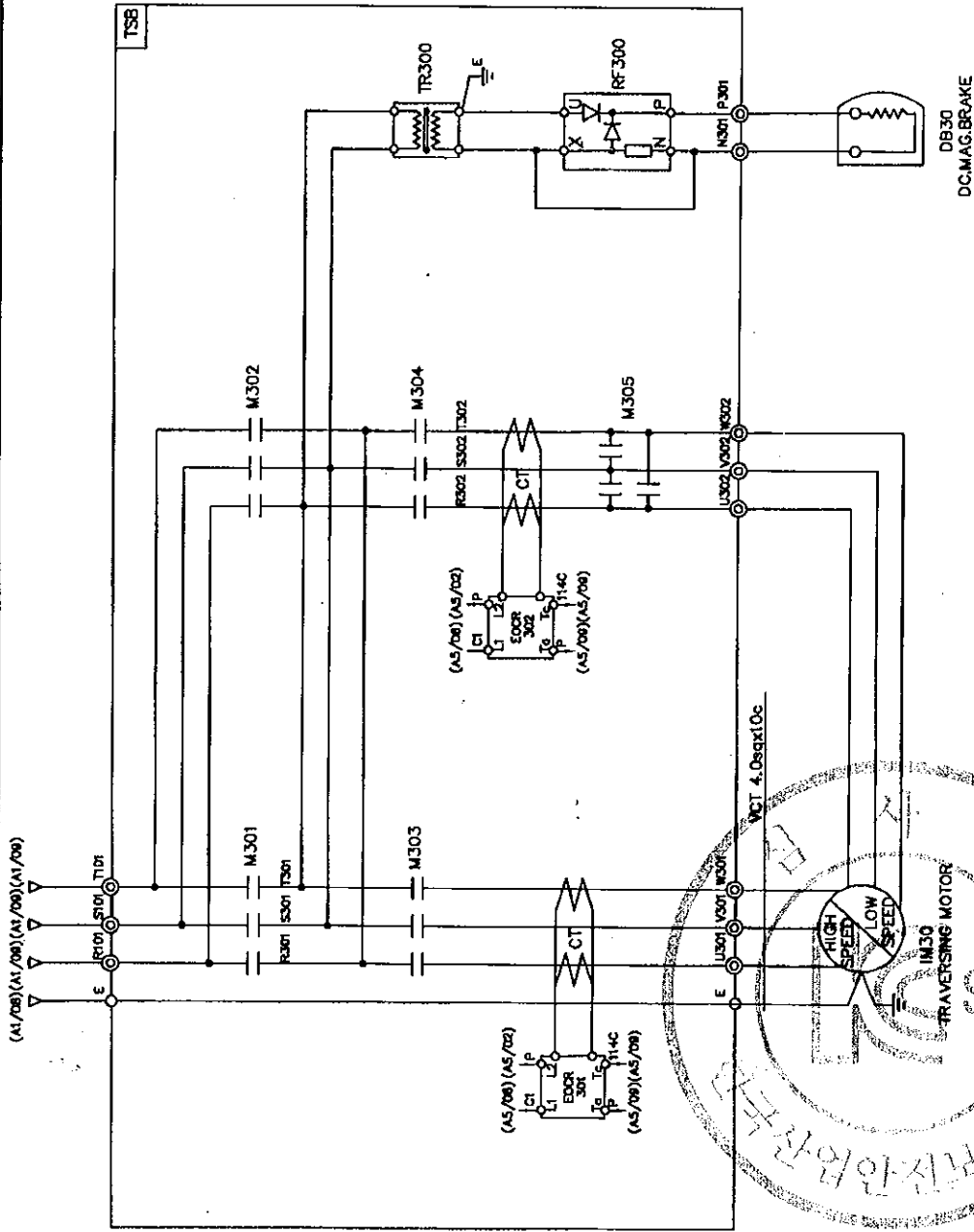


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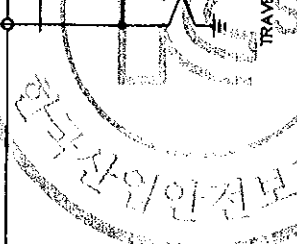
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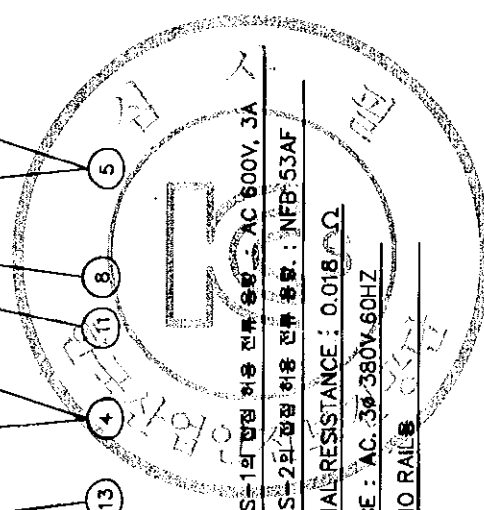
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1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
POWER CIRCUIT																			
TRAVERSING MOTION																			
ADR'S NO.																			C2



SPECIFICATION & SYMBOLS DESCRIPTION		TRAVERSING MOTOR		DC MAG. BRAKE		MAGNET CONTACTOR		SILICON RECTIFIER		ELECTRIC OVER CURRENT RELAY		TRANSFORMER	
220V		0.8/0.4KWx5/8P AC3PH 220V 60Hz		DB30		M301, M302, M303		RF 300		EOCR 301,302		TR300	
220V		0.5/0.25KWx6/12P AC3PH 220V 60Hz		DC 100V		DOC-22P		SR-30		SS-30		AC220/220V, 300VA	
SELECTION MAKER		KUKOONG		DC 100V		DOC-22P		SR-30		SS-30		AC220/220V, 300VA	
DAERYUK		KUKOONG		DAERYUK		DAERYUK		DAERYUK		DAERYUK		DAERYUK	
DRAWING		DESIGN		CHECKED		APPROVED		SCALE		DATE		ORDER NO.	
DRAWING TITLE		TRAVERSING POWER CONTROL CIRCUIT		NONE		NONE		NONE		NONE		NONE	
REVISIONS		CHK.		APP.		DWG. NO		KDC10E25		KDC10E25		KDC10E25	
DATE		192.168.11.44 / 2011-01-31 08:27:20											

[illegible]



1. UPPER LIMIT LS-1의 측정 허용 전류 용량 : AC 600V, 3A

2. UPPER LIMIT LS-2의 측정 허용 전류 용량 : NFB-53AF

3. EARTH TERMINAL RESISTANCE : 0.018 Ω

4. POWER SOURCE : AC 3 ϕ 380V-60HZ

5. --- --: MONO RAIL

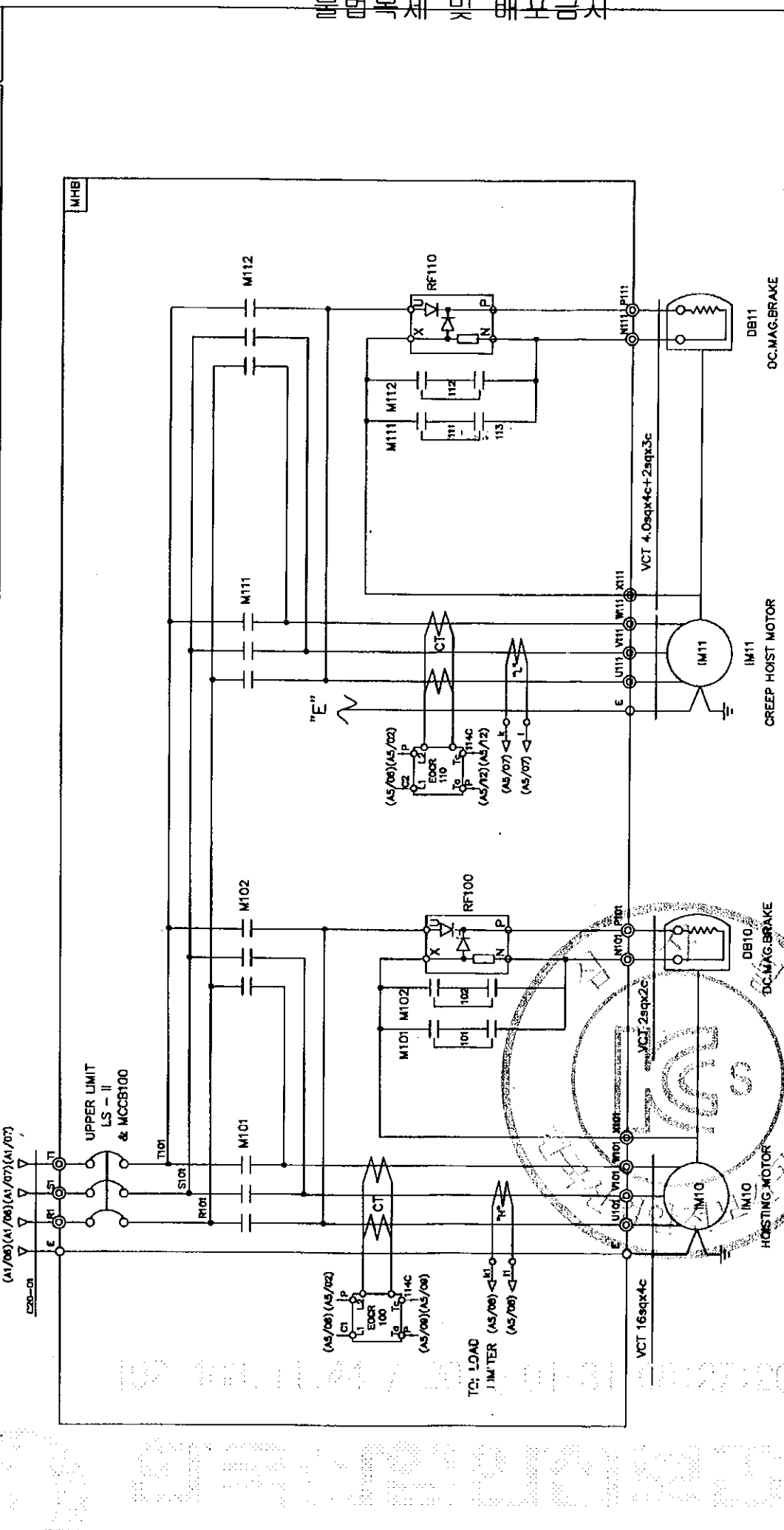
1. 전선의 세상은 다음과 같다.

- 1) 용액 : 그루 및 그루부 전원선로
2) 적액 : 그루제외회로
3) 주황액 : 외부전원에서 공급되는 연동장치 제어회로
4) 녹색 또는 녹색과 황색 혼용 : 접지선
- CABLE MATERIAL : [KIV OR EQUIVALENT
MIN SIZE : 2.0sq
- 제어용 전원 : 2.0mm KIV,HIV
제하시 다소 변경될수있음.
외함 기방구조는 다음과 같음.
- 1) 외함 기방시 운전본인이 차단되도록 함것.
2) 외함 기방후 운전되어있는 부분은 IP2X 이상의 차단

NO	DESCRIPTION	SPECIFICATION	QTY	REMARK
1	CHASSIS PLATE		1	여 편 드릴
2	CABLE DUCT	-	1	
3	MAGNET CONTACTOR	DOC-8SP	2	HOISTING
4	MAGNET CONTACTOR	DOC-22P	2	CREEP HOISTING
5	MAGNET CONTACTOR	DOC-22P	2	TRAVERSING
6	SILICON RECTIFIER	SR-60	1	HOISTING
7	SILICON RECTIFIER	SR-30	1	CREEP HOISTING
8	SILICON RECTIFIER	SR-30	1	TRAVERSING
9	E.O.C.R	SS-60	1	HOISTING
10	E.O.C.R	SS-30	1	CREEP HOISTING
11	E.O.C.R	SS-06	1	TRAVERSING
12	N.F.B	SMF760AT	1	LS-2
13	UPPER LIMIT	AC 800V/3A	1	LS-1
14	LIMIT LEVER	SS-400	1	
15	FUSE	2 A	2	
16	FUSE	5 A	1	
17	TRANSFORMER	300V/110/120V, 200VA	1	
18	TERMINAL BLOCK	100A,25A		
19	TERMINAL BLOCK	15A		
20	EARTH TERMINAL	SG25x50	1	
21	MAGNET CONTACTOR	DOC-40P	1	MAIN MAG
22	AUX RELAY	MY4-NI	1	CR100
23	MICRO SWITCH	HY-R7048	1	

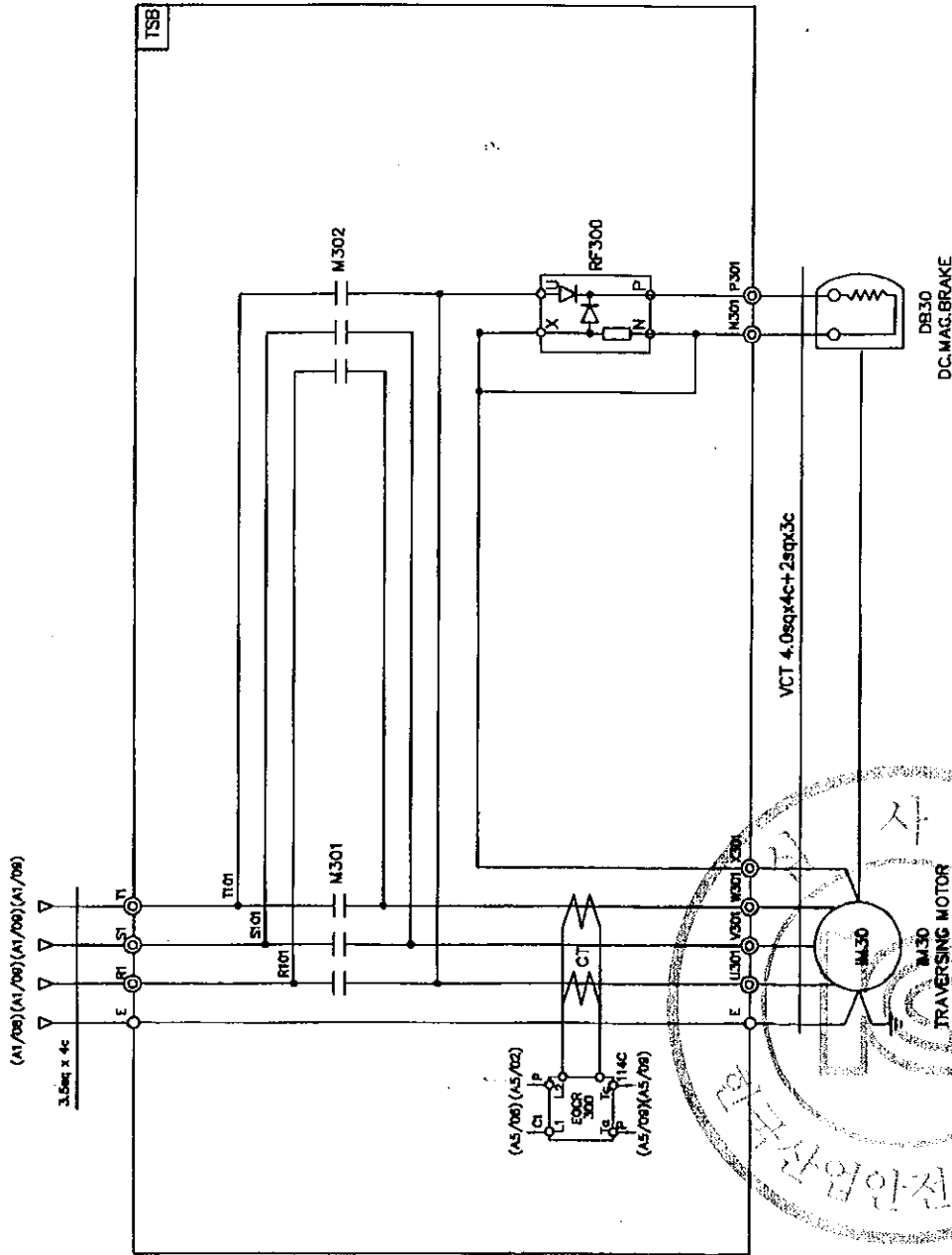
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1	2		4	5	6	7	8	9	10		12	13	14	15	16	17	18	19	20		
										POWER CIRCUIT											
										HOSTING MOTION										ADR'S NO.	
										CREEP HOIST MOTION										B1	



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
DESCRIPTION	HOIST	IM 10	IM 11	DB10, 11	LS-II & MCCB100	TR 1	F1, F12	M101, M102	LS-I, LS-II	EOCR100	RF100	LOAD LIMITER	C20-01
	10TON AC3PH 380V 60Hz	9KW	11KW	DC 100V	DBS-53AF/50AT	380/410V, 48V, 200V	2A	DOC-85P	AC 600V 3A	SS-60	SR-60	JDL-100	VCT 16sq4c
SELECTION		KUKDONG				SHINWHAN	-	DAERYUK	KUK DONG		ASECO	JEUNGHO	DONGIL
			CUSTOMER					DRAWING	DESIGN	CHECKED	APPROVED	SCALE	DATE
													ORDER NO.
			DRAWING TITLE			CREEP HOISTING POWER & CONTROL							
DATE	REVISIONS	CHK.	APP.	CIRCUIT DIAGRAM				 국동호이스트 주식회사 KUK DONG HOIST CO., LTD.		DWG. NO		KDC10E32	

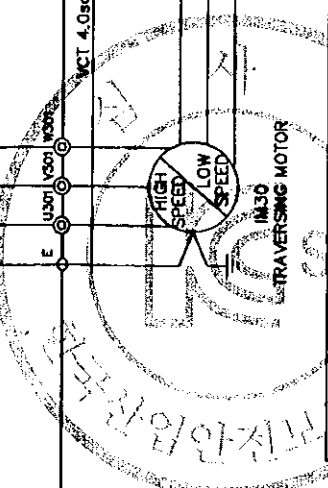
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
POWER CIRCUIT																			
TRAVERSING MOTION																			
ADR'S NO.																			C1



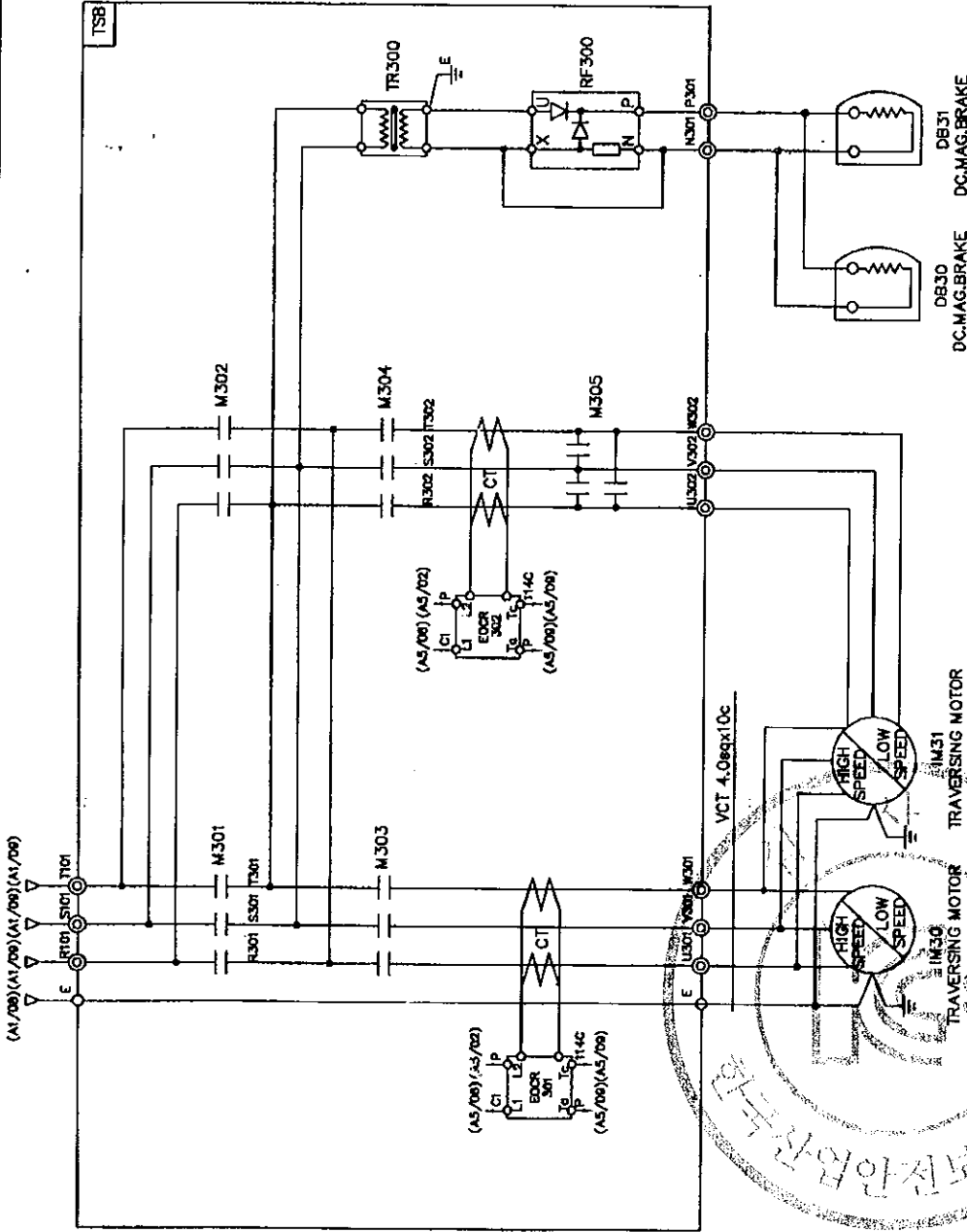
SPECIFICATION SYMBOLS		TRAVERSING MOTOR		DC MAG. BRAKE		MAGNET CONTACTOR		SILICON RECTIFIER		ELECTRIC OVER CURRENT RELAY		LIMIT SWITCH	
DESCRIPTION		IM 30		DB 30		M301, M302		RF 300		EOCR 300		LS-301, LS-302	
SELECTION		0.75KW x 4P AC 3PH 380V 60Hz		DC 100V		DOC-22P		SR-30		SS-05		HY - W904	
MAKER		KUKDONG		DC 100V		DOC-22P		SR-30		SS-05		HY - W904	
CUSTOMER		DAERYUK		ASECO		DRAWING		DESIGN		APPROVED		SCALE	
DRAWING TITLE		TRAVERSING POWER CONTROL CIRCUIT		NONE		DATE		DATE		DATE		DATE	
REVISIONS		CHK.		APP.		DWG. NO		KDC10E33		DWG. NO		KDC10E33	

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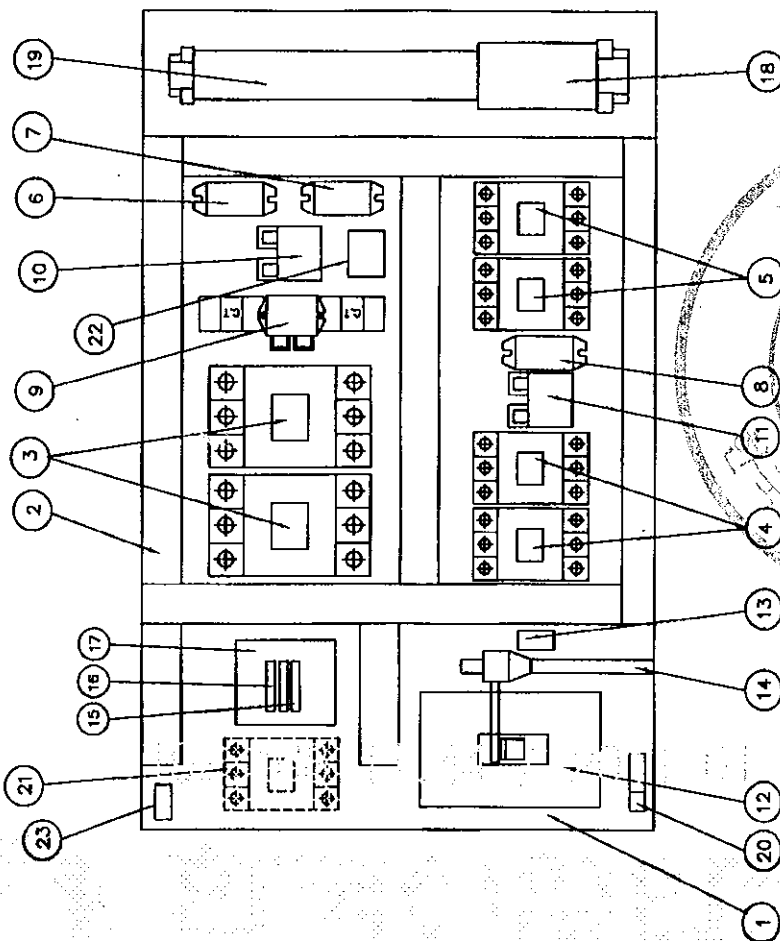
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
POWER CIRCUIT																			
TRAVERSING MOTION																			
ADR'S NO.																			C2



SPECIFICATION		TRAVERSING MOTOR		DC MAG' BRAKE		MAGNET CONTACTOR		SILICON RECTIFIER		ELECTRIC OVER CURRENT RELAY		TRANSFORMER	
SYMBOLS		IM 30, IM31		DB30, DB31		M301, M302, M303		RF 300		EOCR 301,302		TR300	
DESCRIPTION		0.8/0.4KW/8P AC3PH 380V 60Hz		DC 100V		DOC-22P		SR-30		SS-30		AC380/220V, 300VA	
SELECTION		0.5/0.25KW/6/12P AC3PH 380V 60Hz		DC 100V		DOC-22P		SR-30		SS-30		AC380/220V, 300VA	
MAKER		KUKDONG				DAERYUK		ASECO		SHINWHAN			
CUSTOMER						DRAWING		DESIGN		CHECKED		APPROVED	
DRAWING TITLE		TRAVERSING POWER CONTROL CIRCUIT											
REVISIONS													
DATE													
CHK. APP.													
DWG. NO		KDC10E36											
ORDER NO.													
DATE													

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

ADR'S NO.



NOTE

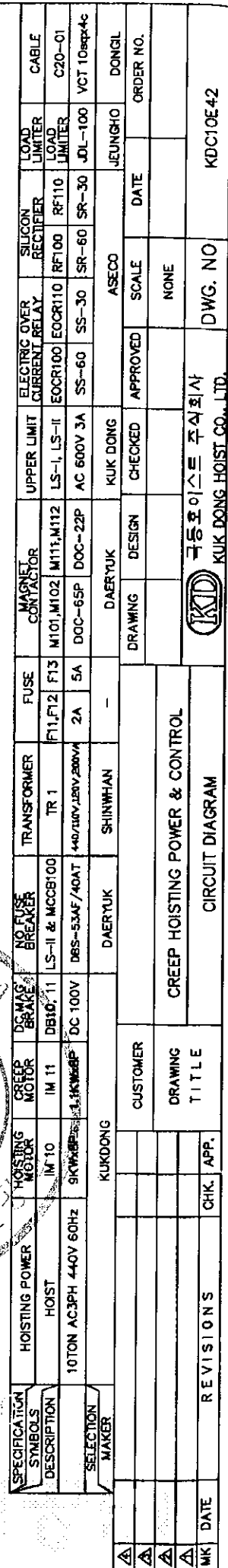
1. UPPER LIMIT LS-1의 전압 허용 전류 : AC 600V, 3A
2. UPPER LIMIT LS-2의 전압 허용 전류 : NFB-53AF
3. EARTH TERMINAL RESISTANCE : 0.018Ω
4. POWER SOURCE : AC 3Φ 440V-60HZ
5. --- MONO RAIL

NO	DESCRIPTION	SPECIFICATION	QTY	REMARK
1	CHASSIS PLATE		1	아연 도금
2	CABLE DUCT	-	1	
3	MAGNET CONTACTOR	DOC-6SP	2	HOISTING
4	MAGNET CONTACTOR	DOC-22P	2	CREEP HOISTING
5	MAGNET CONTACTOR	DOC-22P	2	TRAVERSING
6	SILICON RECTIFIER	SR-60	1	HOISTING
7	SILICON RECTIFIER	SR-30	1	CREEP HOISTING
8	SILICON RECTIFIER	SR-30	1	TRAVERSING
9	E.O.C.R	SS-60	1	HOISTING
10	E.O.C.R	SS-30	1	CREEP HOISTING
11	E.O.C.R	SS-05	1	TRAVERSING
12	N.F.B	SMF/40AT	1	LS-2
13	UPPER LIMIT	AC 600V/3A	1	LS-1
14	LIMIT LEVER	SS-400	1	
15	FUSE	2 A	2	
16	FUSE	5 A	1	
17	TRANSFORMER	440V/110/120V, 200VA	1	
18	TERMINAL BLOCK	100A, 25A		
19	TERMINAL BLOCK	15A		
20	EARTH TERMINAL	5x25x50	1	
21	MAGNET CONTACTOR	DOC-4SP	1	MAIN MAG
22	AUX RELAY	MY4-N	1	CR100
23	MICRO SWITCH	HY-R704B	1	

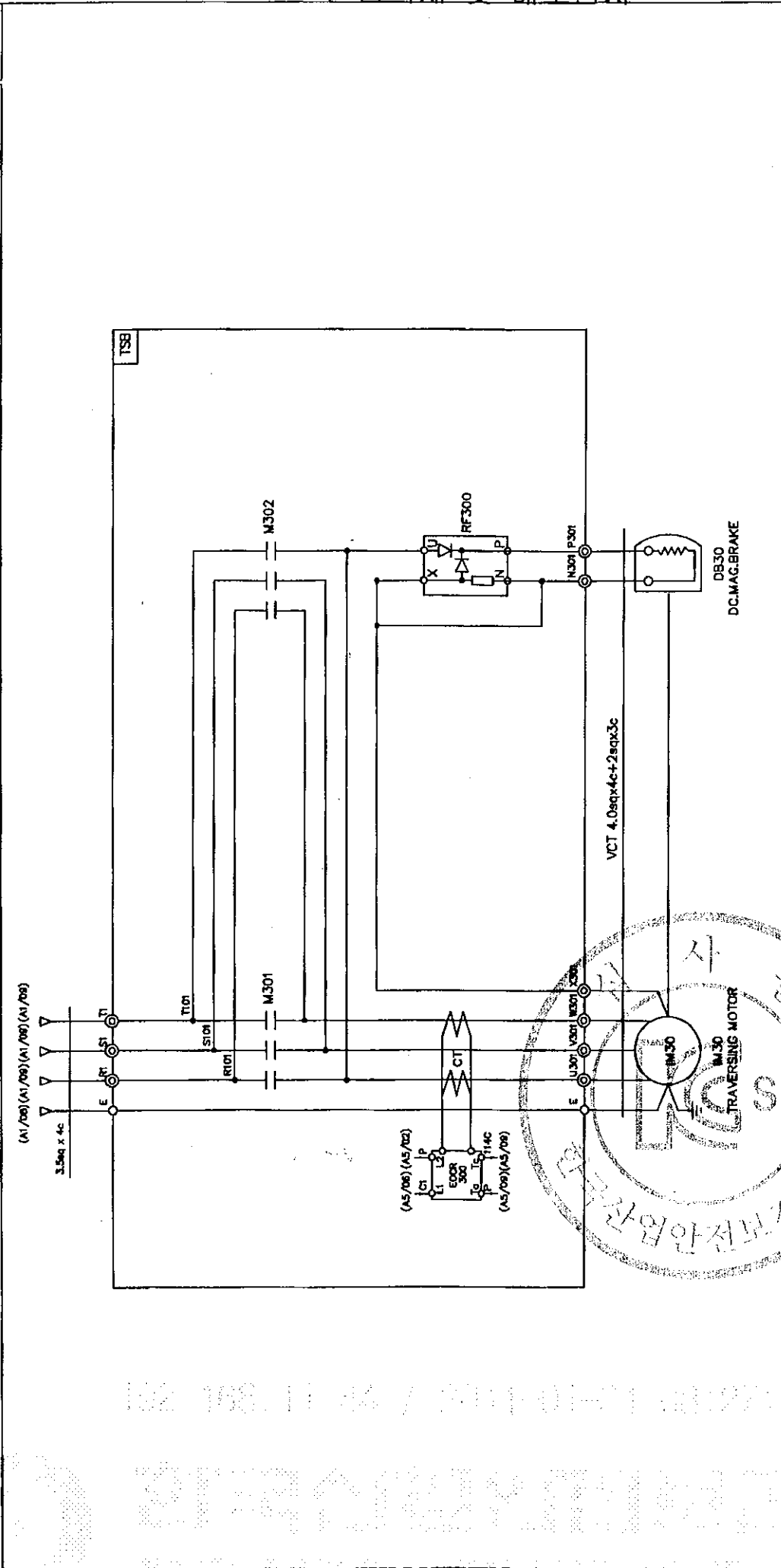
NOTE

1. 전선의 색상은 다음과 같다.
 - 1) 흑색 : 교류 및 직류 전원선
 - 2) 적색 : 교류제어회로
 - 3) 주황색 : 외부전원에서 공급되는 연동장치 제어회로
 - 4) 녹색 또는 녹색과 황색 혼용 : 접지선
2. CABLE MATERIAL : KIV OR EQUIVALENT
MIN SIZE : 2.0sq
3. 제어용 전선 : 2.0mm KIV, HIV
 4. 제작시 다소 변경될수있음.
 5. 외함 기밀구조는 다음과 같음.
 - 1) 외함 기밀시 중전부분이 차단되도록 할것.
 - 2) 외함 기밀후 충전되어있는 부분은 IP2X 이상의 직접 접촉 방호가 되어있을것.

DRAWING		DESIGN	CHECKED	APPROVED	SCALE	DATE	ORDER NO.
CREEP HOISTING CONTROL BOX					NONE		
ARRANGEMENT DRAWING		KUD KUK DONG HOIST CO., LTD.			DWG. NO	KDC10BA41	
MK	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																			
TRaversing Motion																			
ADR'S NO.																			C1



4-5-24		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		SR-30		SS-05		HY - W904							
				0.5KW x 6P AC 3PH 440V 60Hz		DC 100V		DOC-22P		SR-30		SS-05		HY - W904							
SELECTION		MAKER		KUKDONG				DAERYUK		ASECO											
CUSTOMER								DRAWING		DESIGN		CHECKED		APPROVED		SCALE		DATE		ORDER NO.	
DRAWING																		NONE			
TITLE																					
REVISIONS																					
DATE																					
MK																					

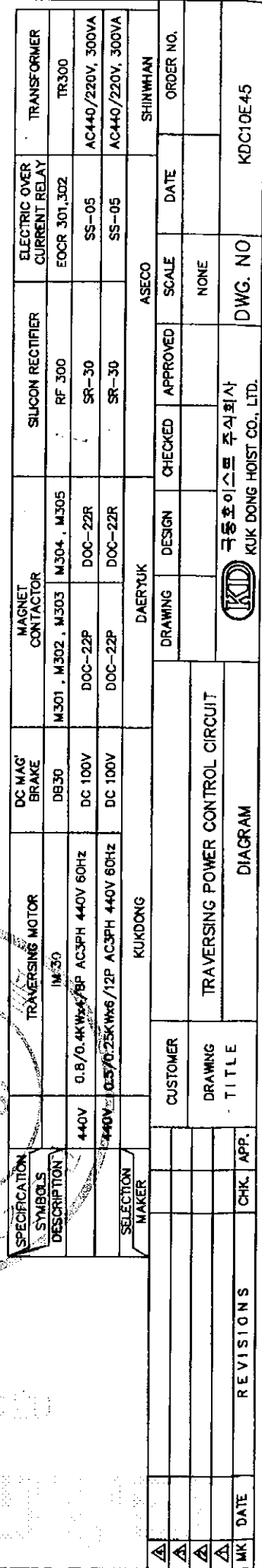
POWER CIRCUIT

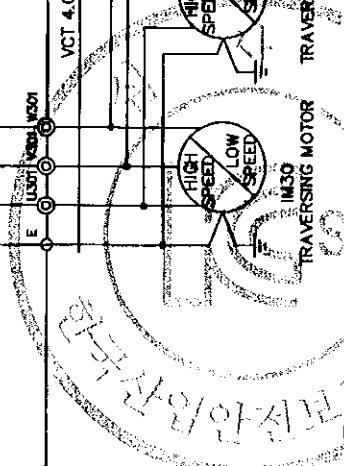
TRAVERSING MOTION

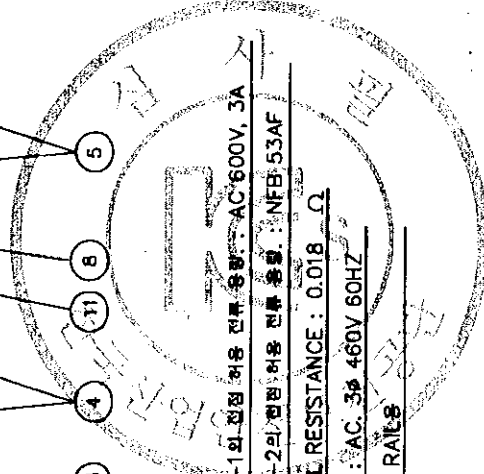
SPECIFICATION SYMBOLS	DESCRIPTION	TRAVERSING MOTOR	MAGNET CONTACTOR	SILICON RECTIFIER	ELECTRIC OVER CURRENT RELAY	LIMIT SWITCH
	IM 30 , 1M31		M301 , M302	RF 300	EOCR 300	LS-301 , LS-302
	0.75KW x 4P AC 3PH 440V 60Hz		DCC-22P	SR-30	SS-30	HY - W904
	0.5KW x 6P AC 3PH 440V 60Hz		DCC-22P	SR-30	SS-30	HY - W904

KUK DONG
DAERYUK
ASECO

CUSTOMER	DRAWING TITLE	DWG. NO.	ORDER NO.
	TRAVERSING POWER CONTROL CIRCUIT	KDC10E44	



[illegible]



1. UPPER LIMIT LS-1의 전압 허용 전류 용량 : AC 600V, 3A
2. UPPER LIMIT LS-2의 전압 허용 전류 용량 : NFB 33AF
3. EARTH TERMINAL RESISTANCE : 0.018 Ω
4. POWER SOURCE : AC 3 ϕ 460V 60HZ
E. --- : MONO RAIL용

1. 전선의 역상은 다음과 같다.

- 1) 흑색 : 교류 및 직류 전원선과
- 2) 적색 : 교류 제어회로
- 3) 주황색 : 외부전원에서 공급되는 연동장치 제어회로
- 4) 녹색 또는 녹색과 황색 혼합 : 접지선

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

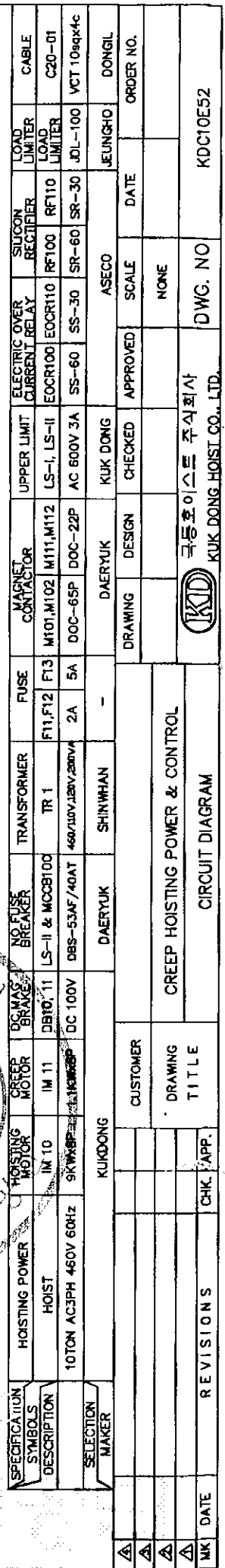
3. 제어용 전선 : 2.0mm KIV,HIV

4. 제작시 다소 변경될수있음.

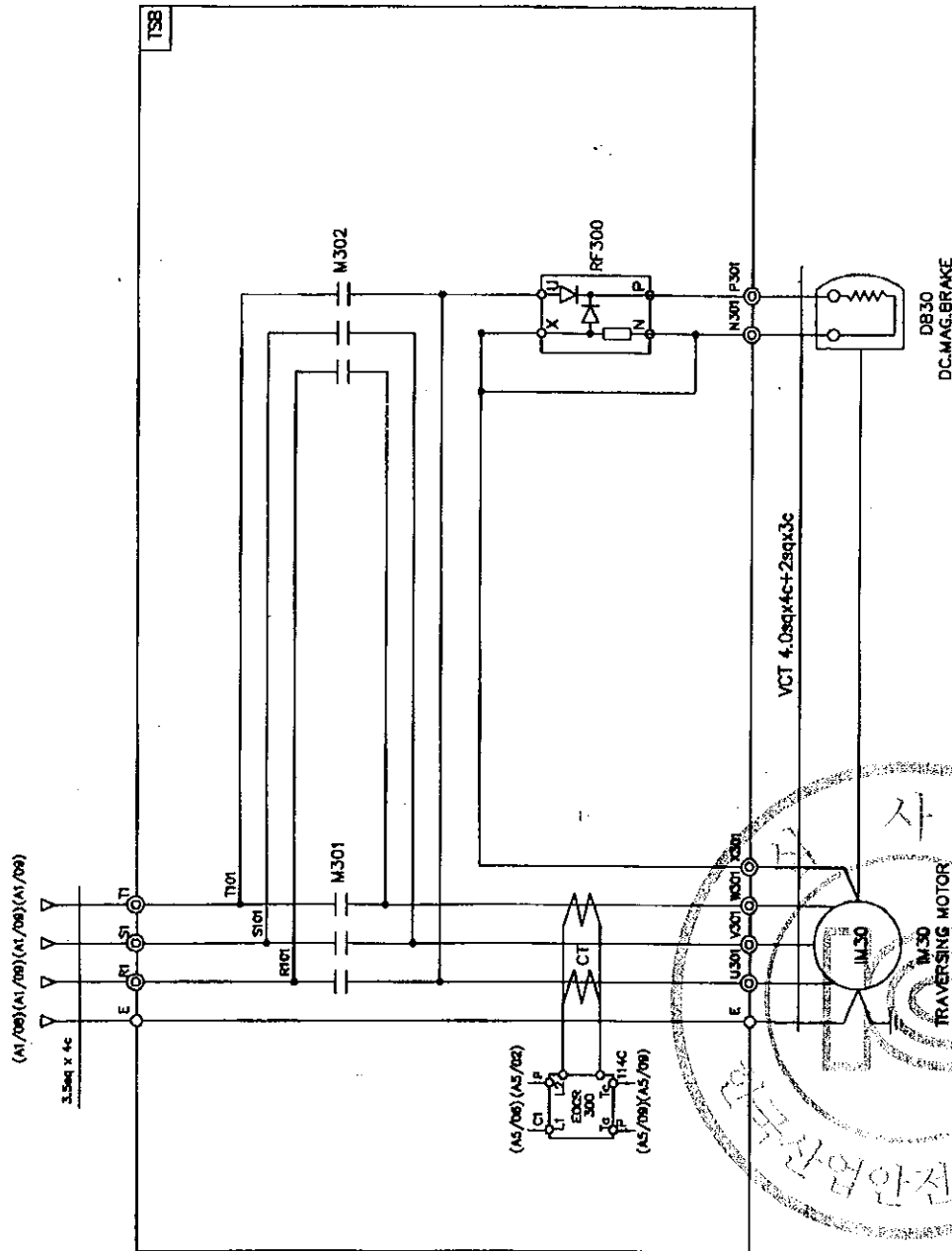
5. 외함 기방구조는 다음과 같음.것.

- 1) 외함 기방시 중전부분이 차단되도록 함.것.
- 2) 외함 기방후 중전되어있는 부분은 IP2X 이상의 차단

[illegible]

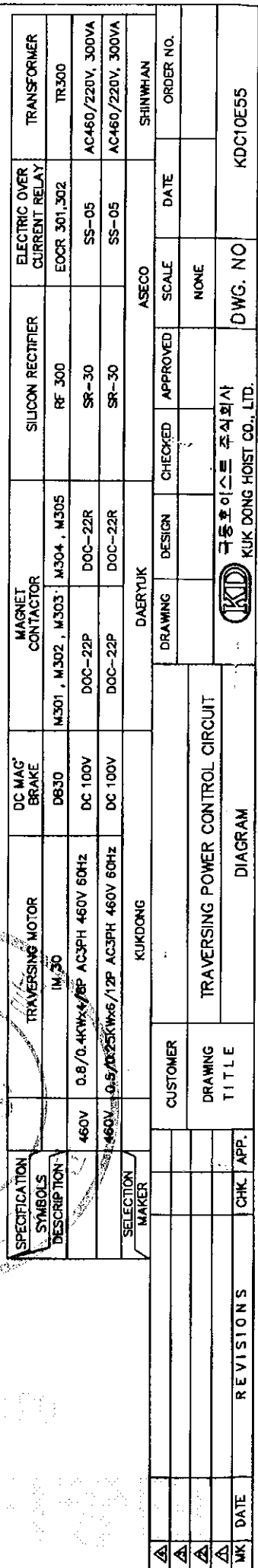


1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
POWER CIRCUIT																			ADR'S NO.
TRAVERSING MOTION																			C1

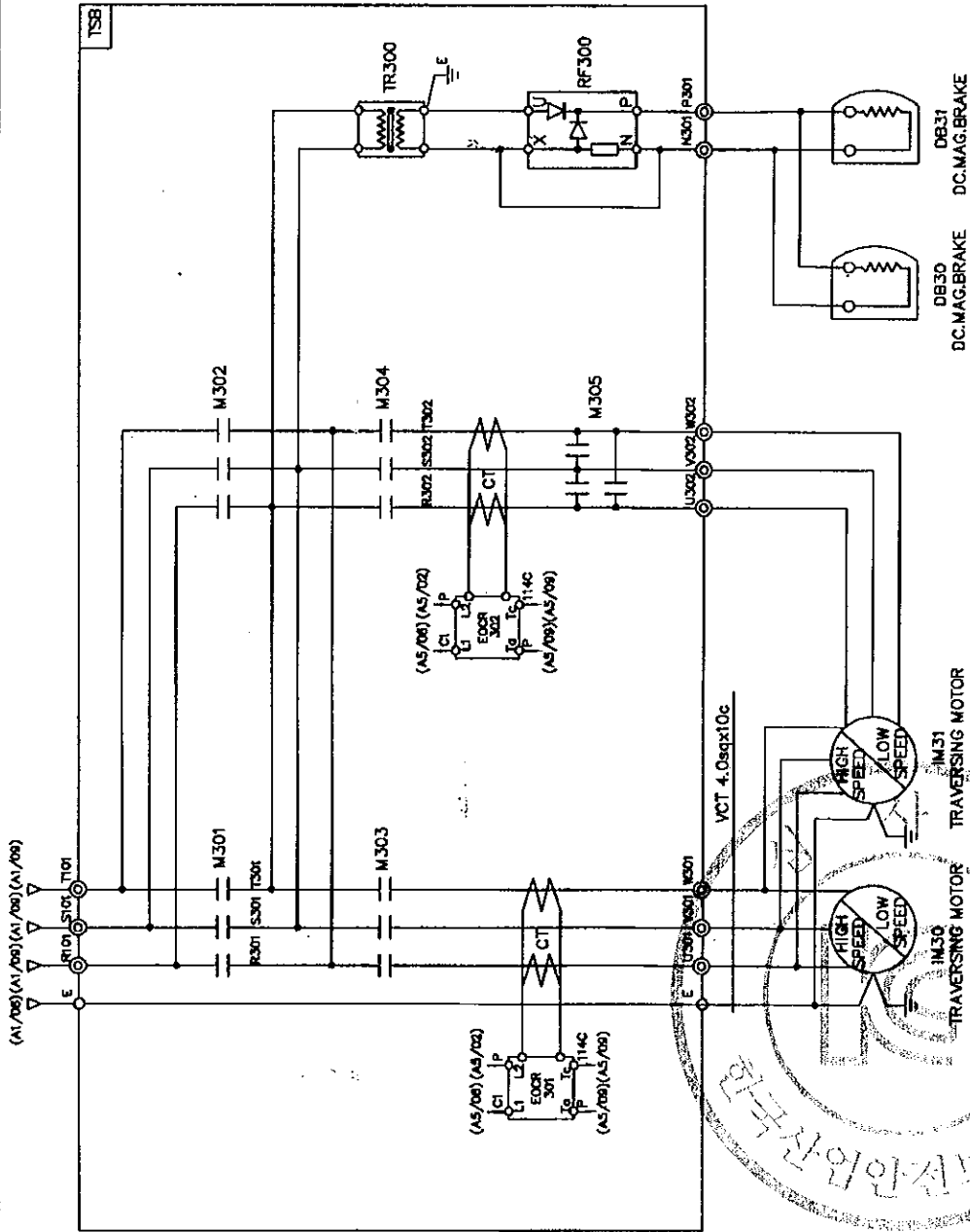


SPECIFICATION		TRAVERSING MOTOR		DC MAG. BRAKE		MAGNET CONTACTOR		SILICON RECTIFIER		ELECTRIC OVER CURRENT RELAY		LIMIT SWITCH	
SYMBOLS	DESCRIPTION	IM 30	DC 100V	DC 100V	DC 100V	M301, M302	DOC-22P	RF 300	DOC-22P	EOCR 300	SS-05	LS-301, LS-302	HY - W904
SELECTION		KUKDONG		DAERYUK		ASECO		SR-30		SS-05		HY - W904	
CUSTOMER		DRAWING		DESIGN		CHECKED		APPROVED		SCALE		DATE	
TRAVERSING POWER CONTROL CIRCUIT		NONE		NONE		NONE		NONE		NONE		NONE	
DRAWING TITLE		REVISIONS		CHK.		APP.		DWG. NO		ORDER NO.		KDC10E53	
KUKDONG HOIST CO., LTD.													

[illegible]

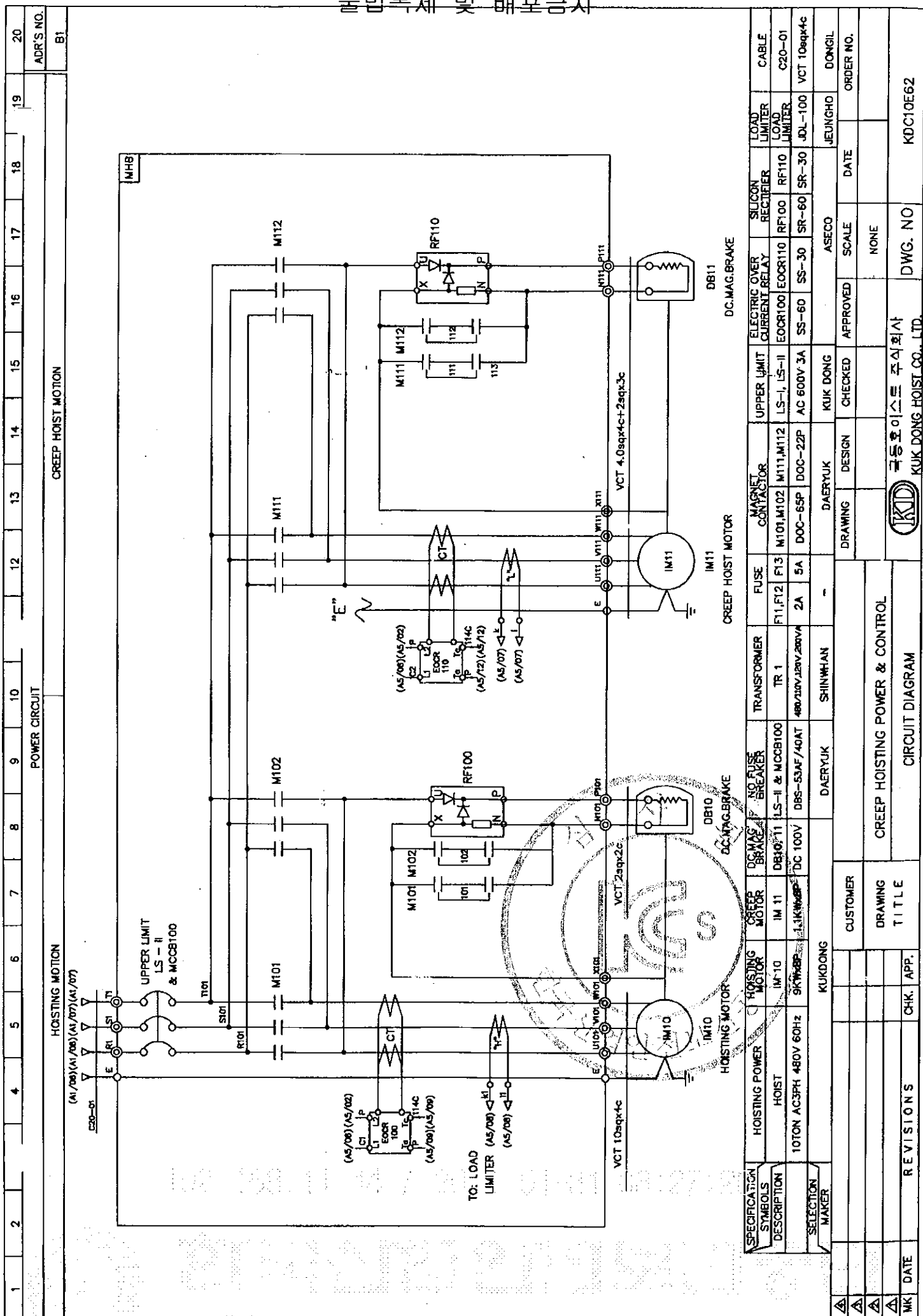


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POWER CIRC.																			
TRAVERSING MOTION																			
ADR'S NO.																			C2

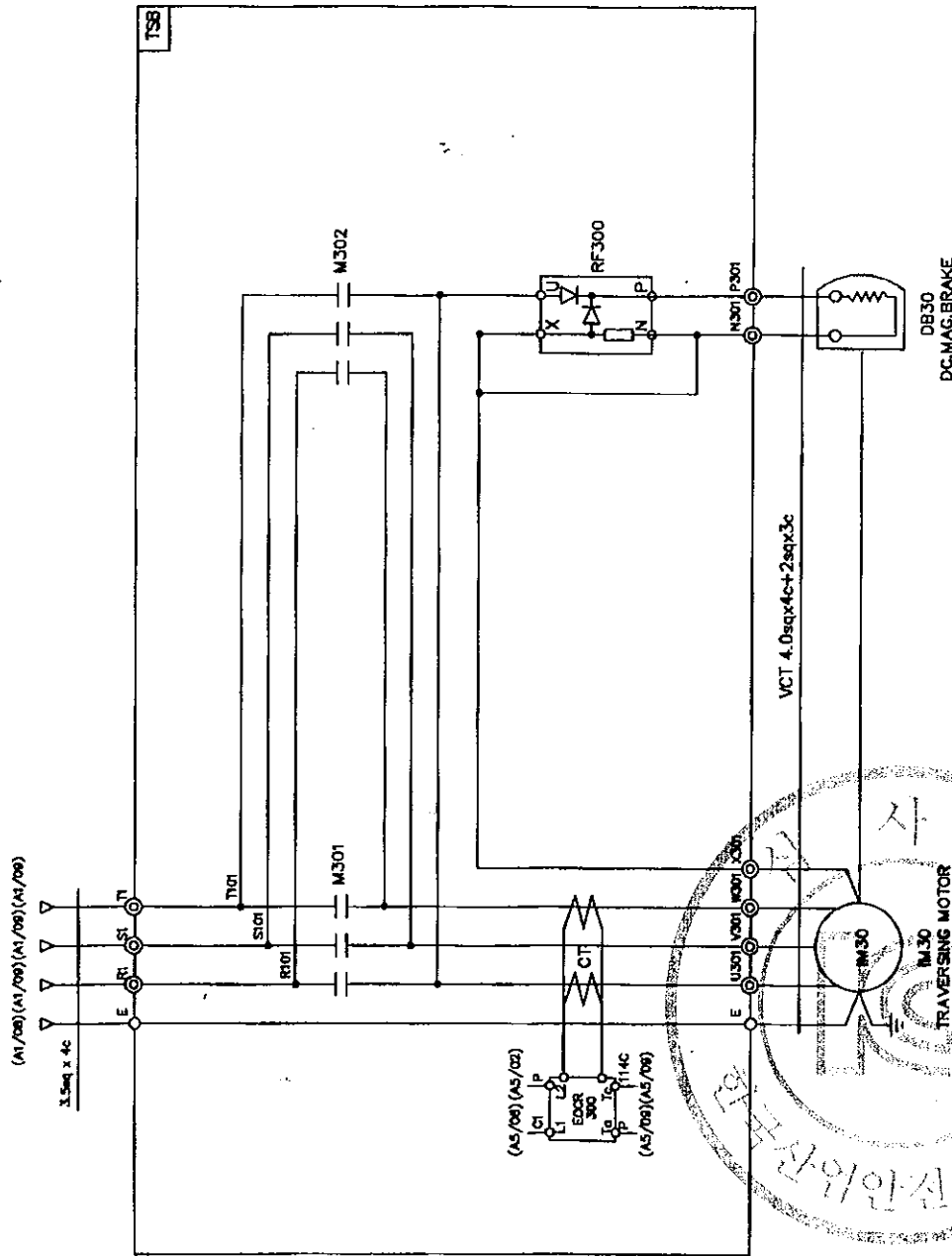


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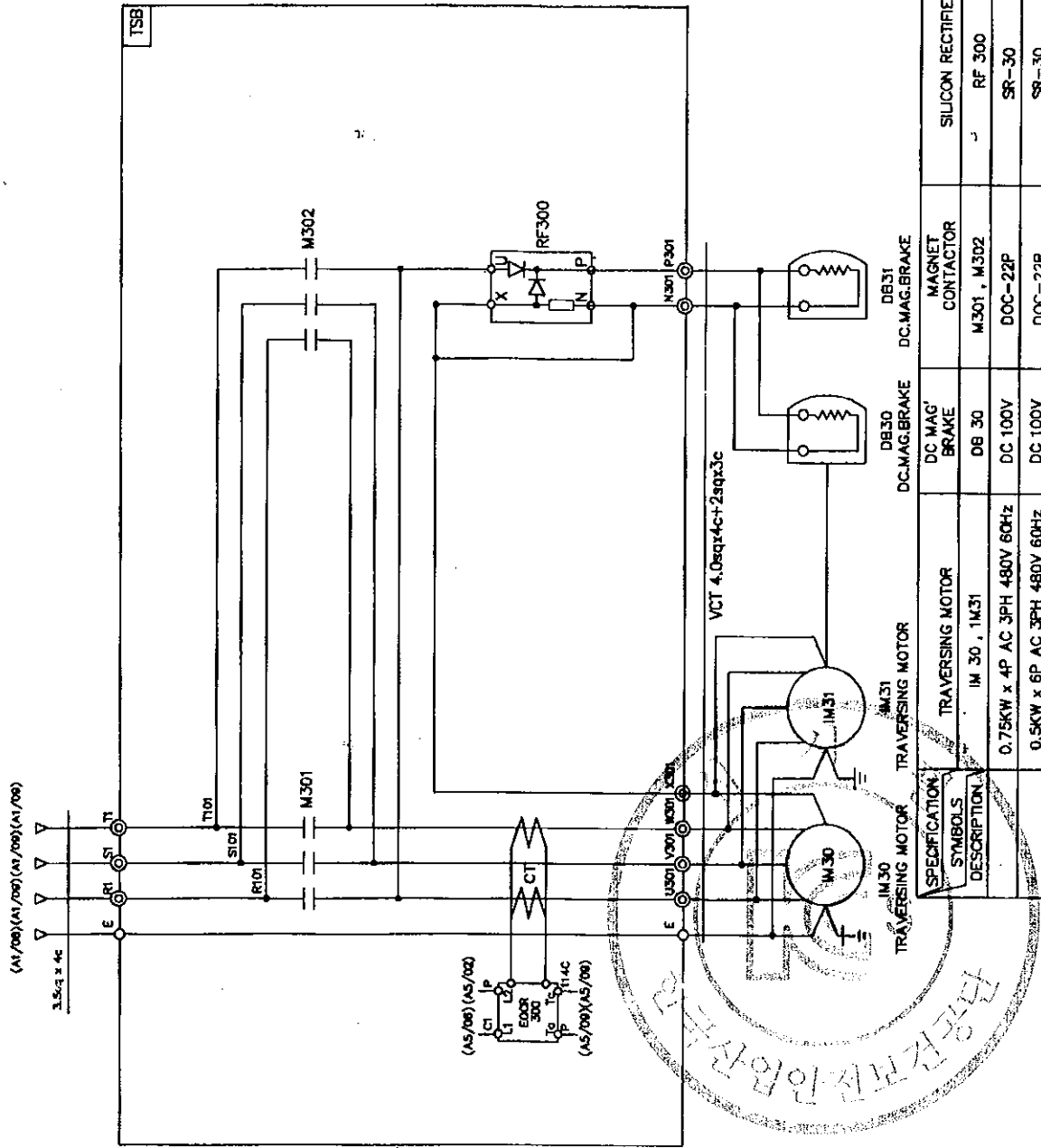


1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
POWER CIRCUIT																			
TRAVERSING MOTION																			
ADR'S NO.																			C1



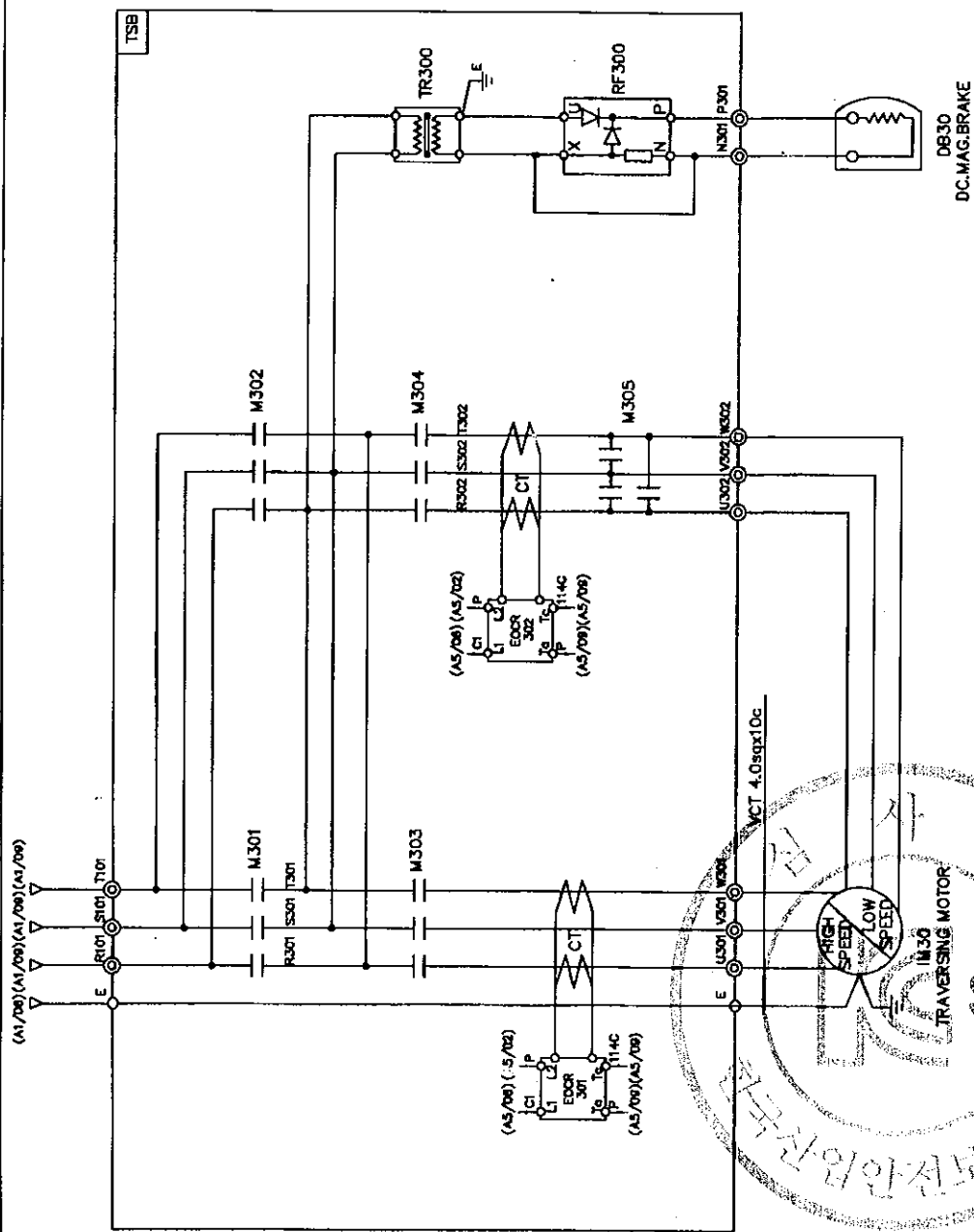
SPECIFICATION		SYMBOLS		DESCRIPTION		TRAVERSING MOTOR		DC MAG. BRAKE		MAGNET CONTACTOR		SILICON RECTIFIER		ELECTRIC OVER CURRENT RELAY		LIMIT SWITCH	
						IM 30		DB 30		M301, M302		RF 300		EOCR 300		LS-301, LS-302	
						0.75KW x 4P AC 3PH 480V 60Hz		DC 100V		DOC-22P		SR-30		SS-05		HY - W904	
						0.5KW x 6P AC 3PH 480V 60Hz		DC 100V		DOC-22P		SR-30		SS-05		HY - W904	
SELECTION		MAKER		KUKDONG		DAERYUK		ASECO		DAERYUK		DAERYUK		DAERYUK		DAERYUK	
CUSTOMER																	
DRAWING TITLE		TRAVERSING POWER CONTROL CIRCUIT															
REVISIONS																	
DATE																	
CHK.																	
APP.																	
DWG. NO		KDC10E63															
DATE																	
ORDER NO.																	

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



SPECIFICATION		SYMBOLS		DESCRIPTION		MAGNET CONTACTOR		SILICON RECTIFIER		ELECTRIC OVER CURRENT RELAY		LIMIT SWITCH	
TRAVERSING MOTOR		IM 30, 1M31		0.75KW x 4P AC 3PH 480V 60Hz		M301, M302		RF 300		EOCR 300		LS-301, LS-302	
TRAVERSING MOTOR		IM 30, 1M31		0.5KW x 6P AC 3PH 480V 60Hz		DC 100V		SR-30		SS-30		HY - W904	
TRAVERSING MOTOR		IM 30, 1M31		0.5KW x 6P AC 3PH 480V 60Hz		DC 100V		SR-30		SS-30		HY - W904	
SELECTION		MAKER		KUK DONG		DAERYUK		ASECO					
CUSTOMER						DRAWING		DESIGN		CHECKED		APPROVED	
DRAWING TITLE													
REVISIONS													
DATE													
CHK													
APP.													
DWG. NO													
KDC10E64													

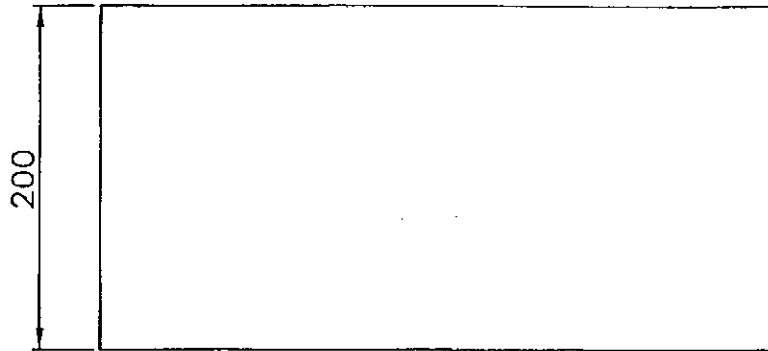
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
POWER CIRCUIT																			
TRAVERSING MOTION																			
ADR'S NO.																			C2

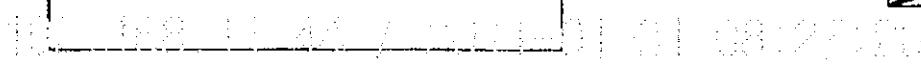
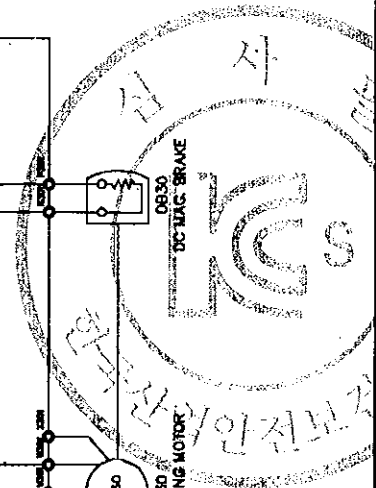


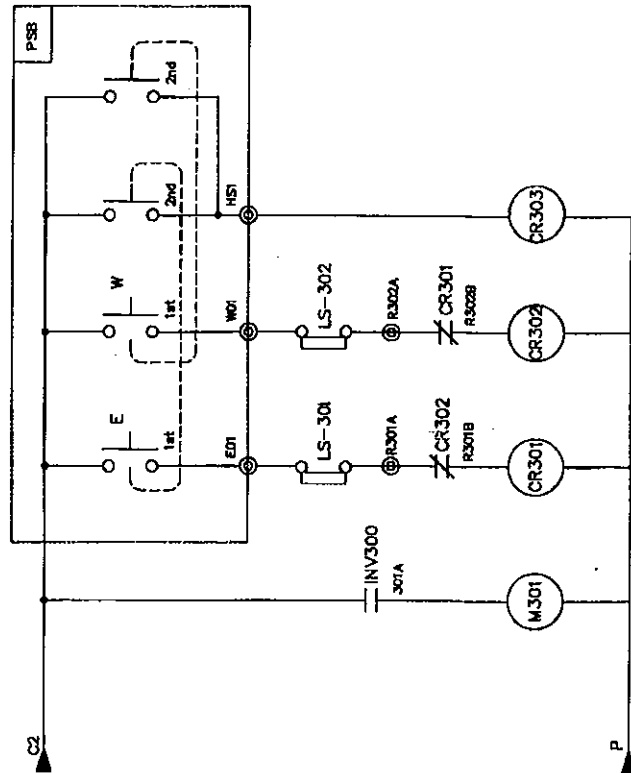
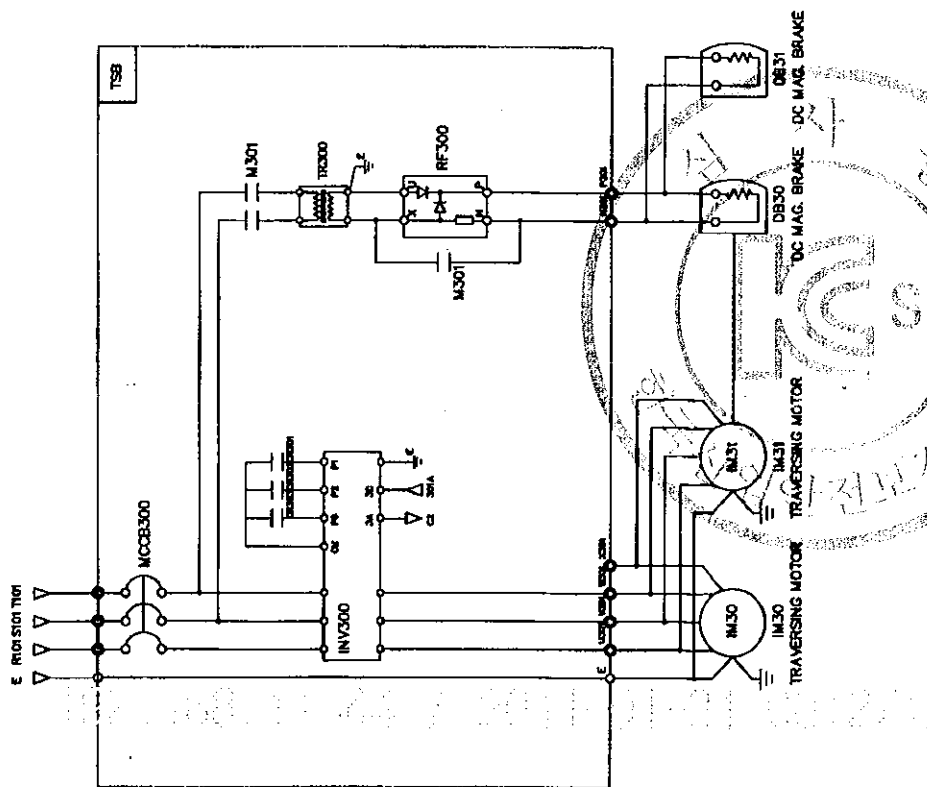
A	DATE	REVISIONS	CHK	APP.	DRAWING TITLE	CUSTOMER	KUKDONG										DAERYUK	ASECO				SHINWHAN		
							DRAWING		DESIGN		CHECKED		APPROVED		SCALE			DATE						
							TRAVERSING POWER CONTROL CIRCUIT											NONE						
							DIAGRAM											DWG. NO					KDC10E65	
SPECIFICATION SYMBOLS		TRAVERSING MOTOR					DC MAG. BRAKE		MAGNET CONTACTOR				SILICON RECTIFIER		ELECTRIC OVER CURRENT RELAY				TRANSFORMER					
DESCRIPTION		IM 30					DB30		M301, M302, M303, M304, M305				RF 300		EOCR 301, 302				TR300					
480V		0.8/0.4KWx4/8P AC3PH 480V 60Hz					DC 100V		DOC-22P				DOC-22R		SR-30				SS-05				AC480/220V, 300VA	
480V		0.5/0.25KWx6/12P AC3PH 480V 60Hz					DC 100V		DOC-22P				DOC-22R		SR-30				SS-05				AC480/220V, 300VA	
SELECTION MAKER																								

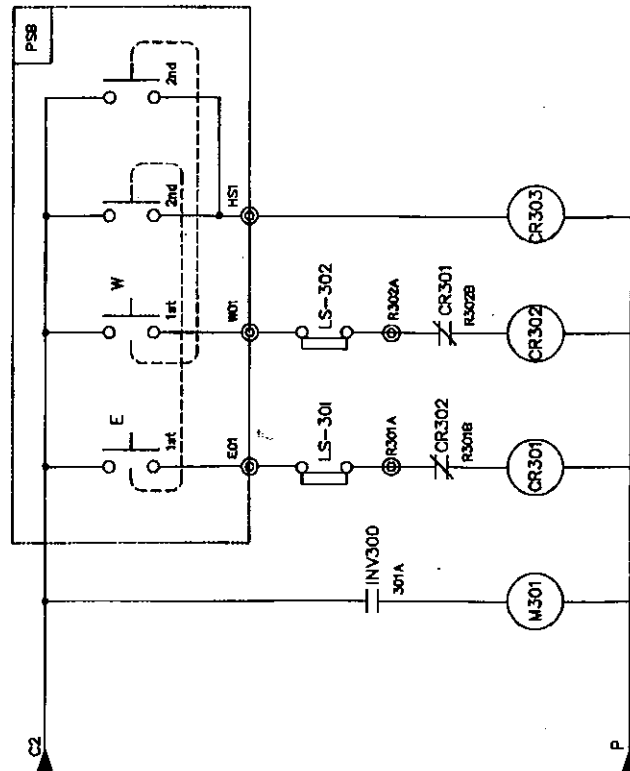
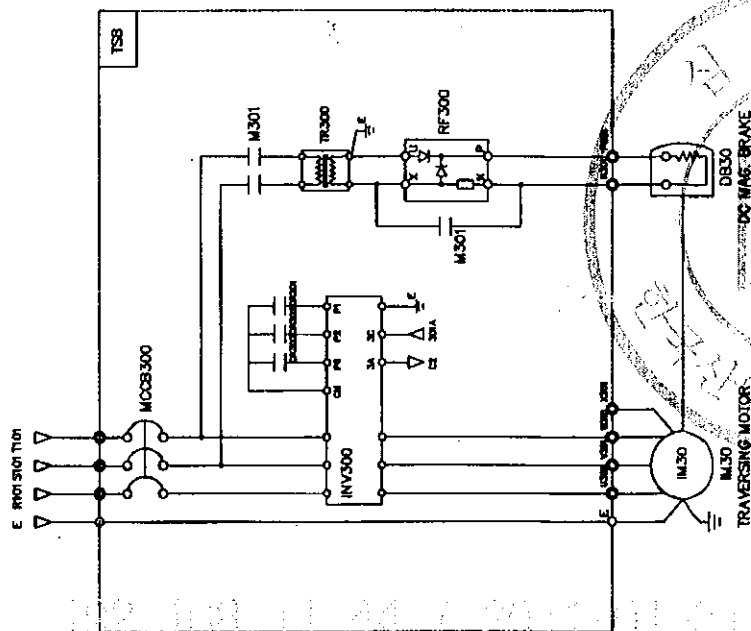
TRAVERSING MOTION



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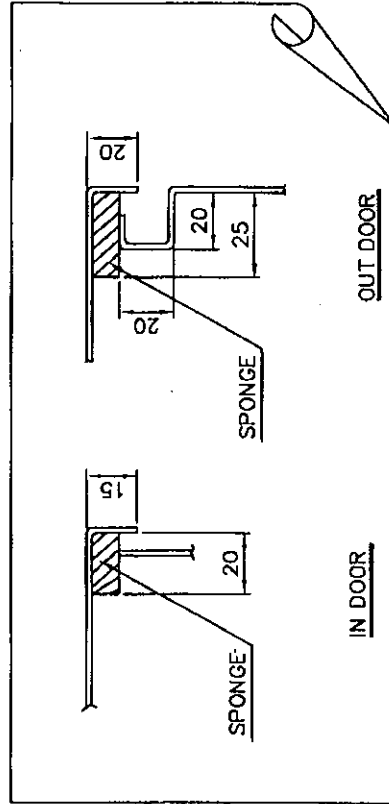
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[illegible]

[illegible]

SPECIFICATION SYMBOLS	TRAVERSING POWER	TRAVERSING MOTOR	DC MAG. BRAKE	NO FUSE BREAKER	TRANSFORMER	BRAKE MAGNET	CONTROL RELAY	INVERTER	SILICON RECTIFIER
DESCRIPTION		IM 30	DB30	MCCB300	TR 300	M301	CR301,302,303	INV300	RF-300
	AC 3PH 220V 60HZ	0.75KW x 4P	DC 100V	DBE-33AF /10AT	220 /220V,200VA	DM-22C	MINI 4x4b(Coil AC110V)	SV015IG5A-2	SR-30
	AC 3PH 380(440,460)/480V/60HZ	0.75KW x 4P	DC 100V	DBE-33AF/5AT	380(440,460,480) /220V,200VA	DM-22C	MINI 4x4b(Coil AC110V)	SV015IG5A-4	SR-30
SELECTION MAKER	KUK DONG HOIST								
REVISIONS	DATE	CHK.	APP.	DRAWING TITLE	TRAVERSING POWER & CONTROL CIRCUIT	INVERTER CONTROL			
						DRAWING	DESIGN	CHECKED	APPROVED
DATE								SCALE	DATE
									ORDER NO.
REVISEMENTS				DIAGRAM		DWG. NO			
						KD10EI004			





1. PROTECTION DEGREE ;	
A. INDOOR TYPE : DUST PROOF	
B. OUT DOOR TYPE : SPLASH PROOF	
2. FINAL PAINTING COLOR (MANSELL NO.)	
A. IN SIDE : 10B 3/5	
B. OUT SIDE : 10B 3/5	
3. PAINTING THICKNESS : ABOVE 40 um	
4. APPLICATION VOLTAGE : 220V, 380V, 440V, 460V, 480V	
5. 제어를 위한 : 2.0sq KIV, H/V	
6. 외함 개별구조는 다름과 같이 한다.	
1) 외함 개별은 물론부품의 차연되도록 한다.	
2) 외함 개별후 용접되어 있는 부분은 IP2X 이상의	
격벽 전류 방출이 되어 있을 것	

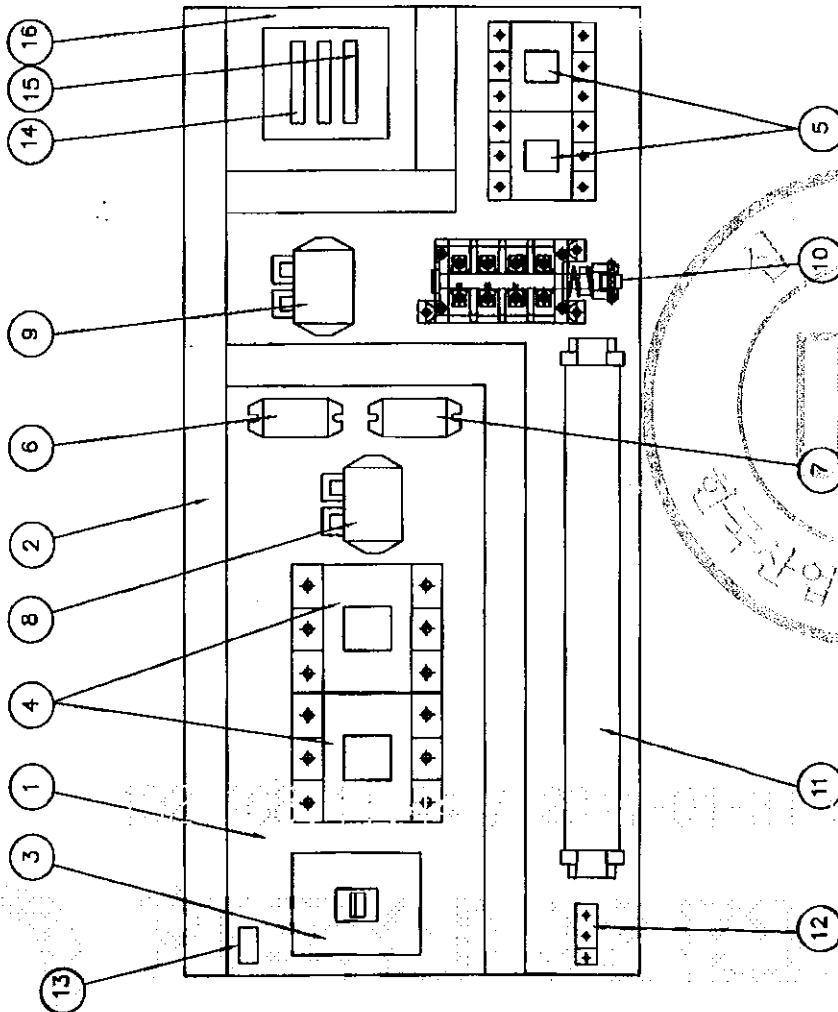
SELECTION	HOIST CAPACITY	DESCRIPTION	IN DOOR			OUT DOOR			REMARK
			A	B	L	A	B	L	
	3 TON	HOISTING	360	170	790	360	170	810	
	3 TON	CREEP	360	170	790	360	170	810	

[illegible]

20.	ADR'S NO.	
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12	13	14	15	16	17	18
DESCRIPTION		SPECIFICATION			QTY	REMARK

	1	2							
			4	5	6	7	8	9	10



NOTE

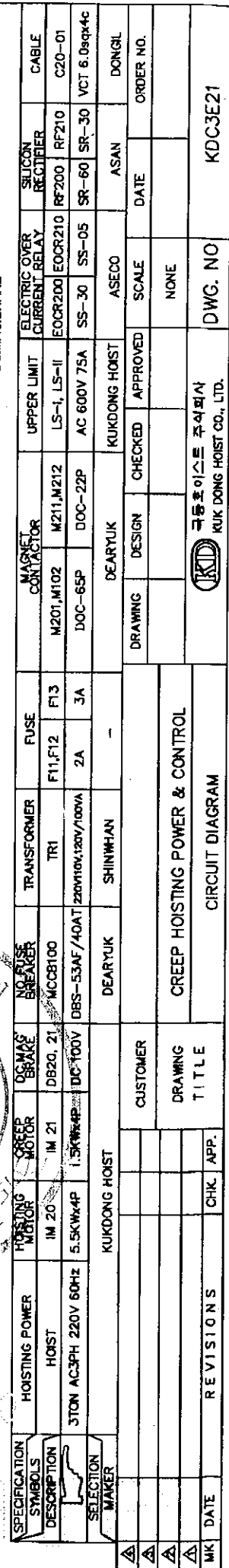
1. UPPER LIMIT LS-1, LS-2의 절점 허용 전류 용량 : AC 600V, 75A
2. POWER SOURCE : AC 3ø 220V 60HZ

NOTE

1. 전선의 색상은 다음과 같다.
 - 1) 흑색 : 교류 및 직류 전원으로
 - 2) 적색 : 교류 제어회로
 - 3) 주황색 : 외부전원에서 공급되는 인동장치 제어회로
 - 4) 녹색 또는 녹색과 황색 혼용 : 접지선
2. CABLE MATERIAL : [KIV OR EQUIVALENT
MIN SIZE : 2.0sq
3. 제어용 전선 : 2.0mm KIV,HIV
4. 제직시 다소 변경될수있음.
 5. 외함 개방구조는 다음과 같을것.
- 1) 외함 개방시 충전부분이 차단되도록 할것.
 - 2) 외함 개방후 충전되어있는 부분은 IP2X 이상의 차단 전압 보호가 되어있을것.

NO	DESCRIPTION	SPECIFICATION	Q'TY	REMARK
1	CHASSIS PLATE		1	아 연 도 금
2	CABLE DUCT	-	1	
3	MCB100	DBS 53AF/40AT	1	HOISTING
4	MAGNET CONTACT	DOC-65P	2	HOISTING
5	MAGNET CONTACT	DOC-22P	2	CREEP HOIST
6	SILICON RECTIFIER	SR-60	1	HOISTING
7	SILICON RECTIFIER	SR-30	1	CREEP HOIST
8	E.O.C.R	SS-30	1	HOISTING
9	E.O.C.R	SS-05	1	CREEP HOIST
10	UPPER LIMITER	AC 600V, 75A	1	LS-1,2
11	TERMINAL BLOCK	60A,15A		
12	EARTH TERMINAL	3x20x50	1	
13	MICRO SWITCH	HY-R704B	1	
14	FUSE	2A	2	
15	FUSE	3A	1	
16	TRANSFORMER	220V/110V,120V/100VA	1	

DATE	REVISIONS	CHK.	APP.	 KUK DONG HOIST CO., LTD.	DWG. NO KDC3BA21
DATE	DATE	DATE	DATE		
APPROVED	SCALE	DATE	ORDER NO.		
CHECKED	APPROVED	SCALE	DATE		
DESIGN	CHECKED	APPROVED	SCALE		
DRAWING	DESIGN	CHECKED	APPROVED		
CUSTOMER	CREEP HOIST CONTROL BOX				
DRAWING TITLE	ARRANGEMENT DRAWING				



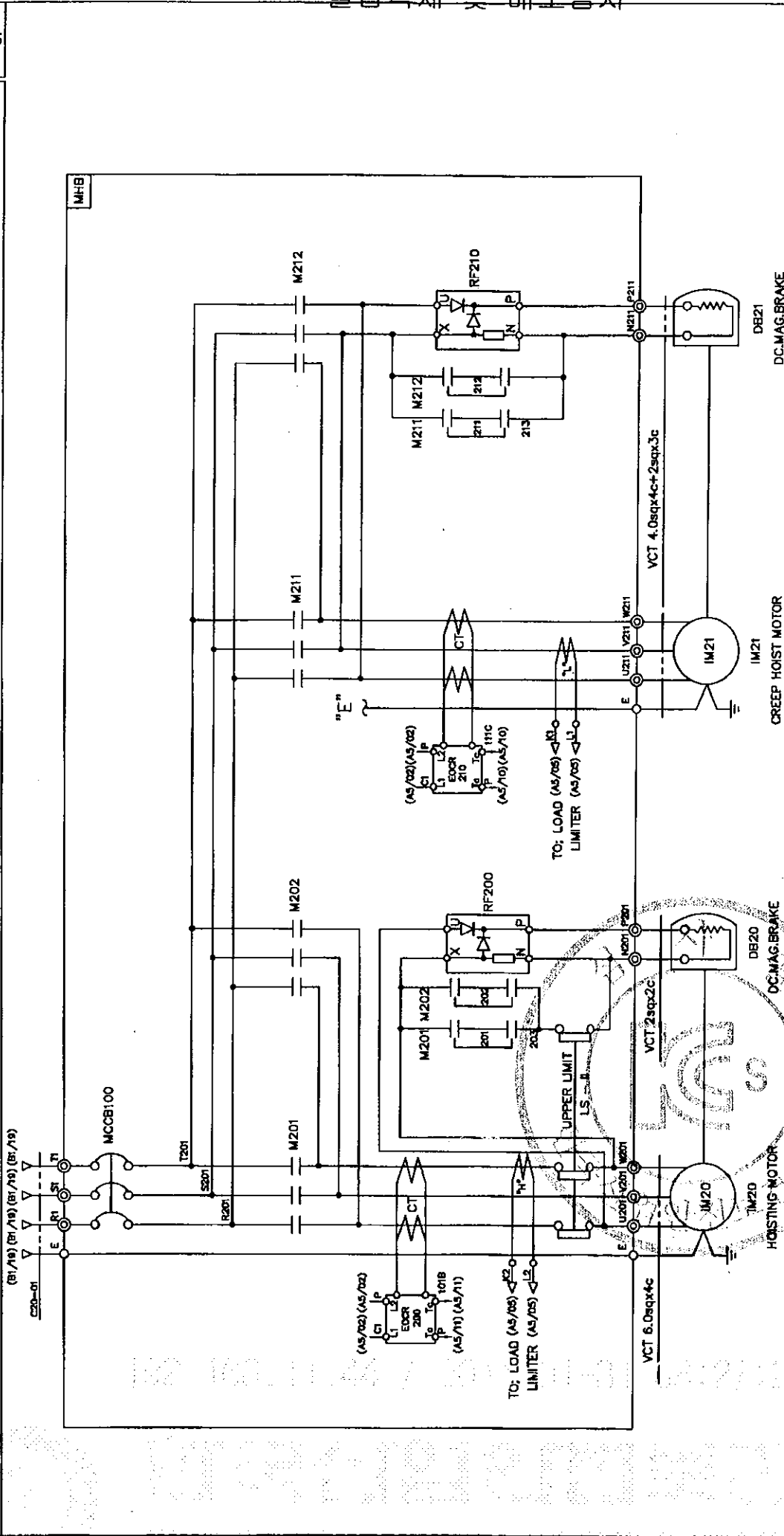


1. 전선의 사양은 다음과 같다.
 - 1) 흑색 : 교류 및 직류 전원선
 - 2) 적색 : 교류 제어피로
 - 3) 주황색 : 외부전원에서 공급되는 연동장치 제어피로
 - 4) 녹색 또는 녹색과 황색 혼용 : 접지선
2. CABLE MATERIAL : [KIV OR EQUIVALENT
MIN SIZE : 2.0sq
3. 제어용 전선 : 2.0mm KIV,HIV
 4. 제작시 다소 변경될수있음.
 5. 외함 개방구조는 다음과 같음.
- 1) 외함 개방시 중전본본이 차단되도록 함.
 - 2) 외함 개방후 중전피어있는 부분은 IP2X 이상의 차단

NO	DESCRIPTION	SPECIFICATION	Q'TY	REMARK
1	CHASSIS PLATE		1	아 현 도 금
2	CABLE DUCT	--	1	
3	MCCB100	DBS 53AF/40AT	1	HOISTING
4	MAGNET CONTACT	DOC-65P	2	HOISTING
5	MAGNET CONTACT	DOC-22P	2	CREEP HOIST
6	SILICON RECTIFIER	SR-60	1	HOISTING
7	SILICON RECTIFIER	SR-30	1	CREEP HOIST
8	E.O.C.R	SS-30	1	HOISTING
9	E.O.C.R	SS-05	1	CREEP HOIST
10	UPPER LIMITER	AC 600V, 75A	1	LS-1,2
11	TERMINAL BLOCK	60A,15A		
12	EARTH TERMINAL	3x20x50	1	
13	MICRO SWITCH	HY-R704B	1	

[illegible]

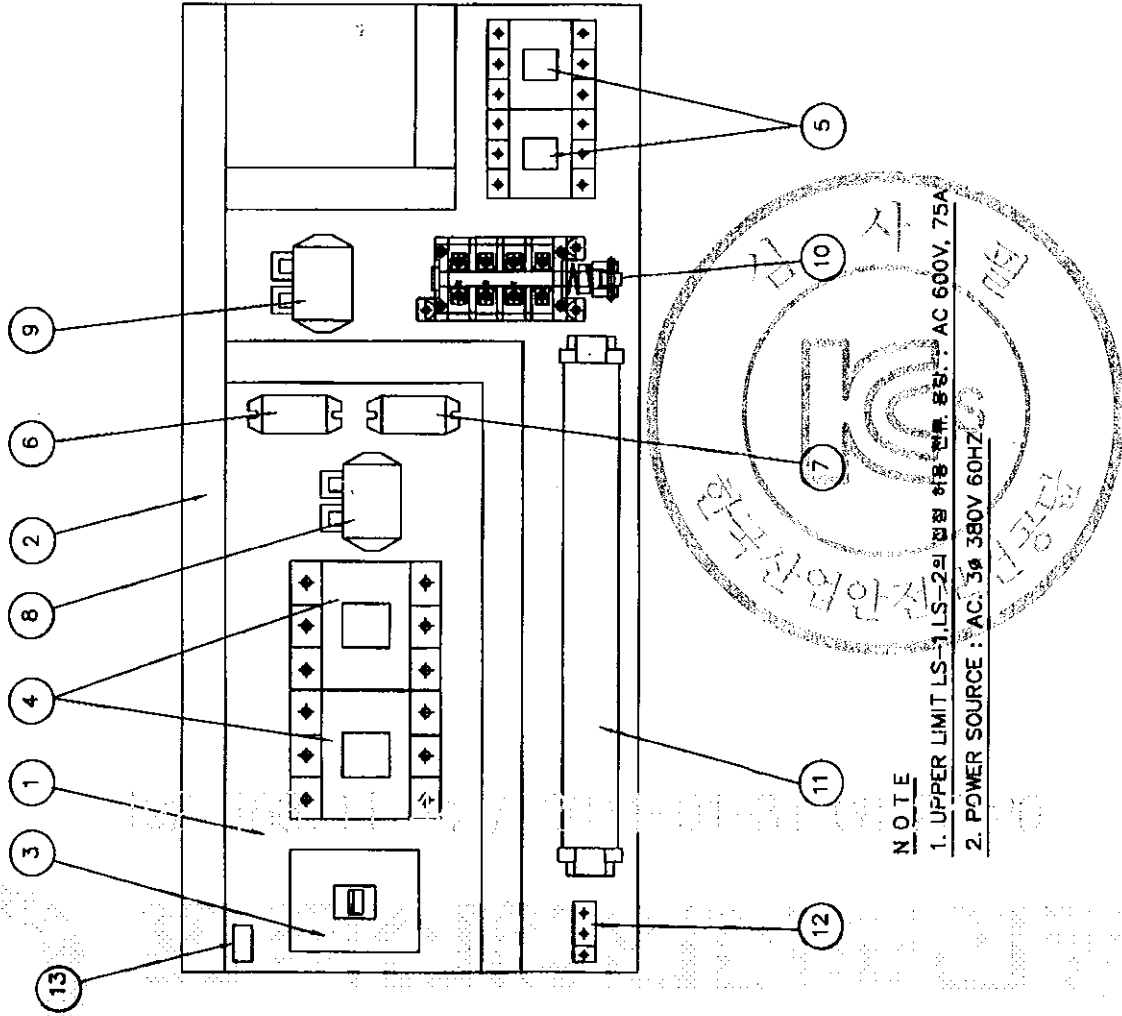
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
POWER CIRCUIT										CREEP HOIST MOTION									
AUX HOISTING MOTION										CREEP HOIST MOTION									
C20-01										C1									



SPECIFICATION SYMBOLS		HOISTING POWER		HOISTING MOTOR		DC MAG. BRAKE		NO FUSE BREAKER		MAGNET CONTACTOR		UPPER LIMIT		ELECTRIC OVER CURRENT RELAY		SILICON RECTIFIER		CABLE	
DESCRIPTION		HOIST		IM 20		IM 21		MCCB100		M201, M102		M211, M212		EOCR200		RF210		C20-01	
SELECTION		3T0N-AC3PH 220V 50Hz		5.5KWx4P		1.5KWx4P		DC 100V		DBS-53AF/40AT		DOC-22P		SS-30		SR-60		VCT 6.0sqx4c	
MAKER		KUKDONG HOIST		KUKDONG HOIST		KUKDONG HOIST		KUKDONG HOIST		DEARYUK		DEARYUK		ASECO		ASAN		DONGIL	
CUSTOMER		CREEP HOISTING POWER & CONTROL		CREEP HOISTING POWER & CONTROL		CREEP HOISTING POWER & CONTROL		CREEP HOISTING POWER & CONTROL		CREEP HOISTING POWER & CONTROL		CREEP HOISTING POWER & CONTROL		CREEP HOISTING POWER & CONTROL		CREEP HOISTING POWER & CONTROL		CREEP HOISTING POWER & CONTROL	
DRAWING TITLE		CREEP HOISTING POWER & CONTROL		CREEP HOISTING POWER & CONTROL		CREEP HOISTING POWER & CONTROL		CREEP HOISTING POWER & CONTROL		CREEP HOISTING POWER & CONTROL		CREEP HOISTING POWER & CONTROL		CREEP HOISTING POWER & CONTROL		CREEP HOISTING POWER & CONTROL		CREEP HOISTING POWER & CONTROL	
REVISIONS		REVISIONS		REVISIONS		REVISIONS		REVISIONS		REVISIONS		REVISIONS		REVISIONS		REVISIONS		REVISIONS	
DATE		DATE		DATE		DATE		DATE		DATE		DATE		DATE		DATE		DATE	
CHK.		CHK.		CHK.		CHK.		CHK.		CHK.		CHK.		CHK.		CHK.		CHK.	
APP.		APP.		APP.		APP.		APP.		APP.		APP.		APP.		APP.		APP.	
DWG. NO.		DWG. NO.		DWG. NO.		DWG. NO.		DWG. NO.		DWG. NO.		DWG. NO.		DWG. NO.		DWG. NO.		DWG. NO.	
KDC3E21		KDC3E21		KDC3E21		KDC3E21		KDC3E21		KDC3E21		KDC3E21		KDC3E21		KDC3E21		KDC3E21	

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



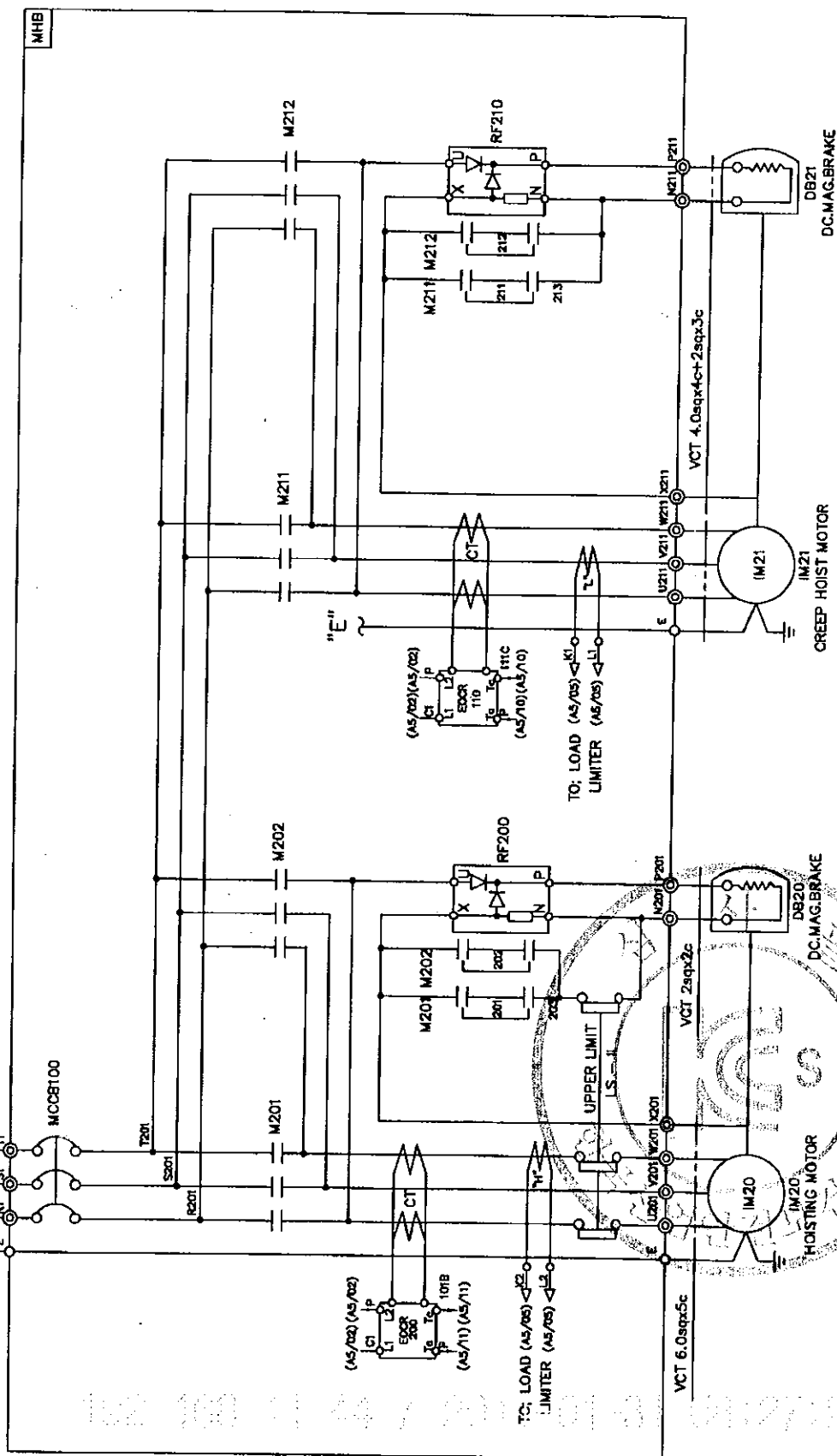
NO	DESCRIPTION	SPECIFICATION	Q'TY	REMARK
1	CHASSIS PLATE		1	아 원 도 금
2	CABLE DUCT	—	1	
3	MCCB100	DBS 33AF/20AT	1	HOISTING
4	MAGNET CONTACT	DOC-40P	2	HOISTING
5	MAGNET CONTACT	DOC-22P	2	CREEP HOIST
6	SILICON RECTIFIER	SR-60	1	HOISTING
7	SILICON RECTIFIER	SR-30	1	CREEP HOIST
8	E.O.C.R	SS-30	1	HOISTING
9	E.O.C.R	SS-05	1	CREEP HOIST
10	UPPER LIMITER	AC 600V, 75A	1	LS-1,2
11	TERMINAL BLOCK	60A,15A		
12	EARTH TERMINAL	3tx20x50	1	
13	MICRO SWITCH	HY-R704B	1	

1. 전선의 식상은 다음과 같다.

- 1) 흑색 : 고무 및 고무 충전인도
2) 적색 : 고무제어외로
3) 주황색 : 외부전원에서 공급되는 전동장치 제어회로
4) 녹색 또는 녹색과 황색 혼용 : 접지선
- CABLE MATERIAL : [KIV OR EQUIVALENT
MIN SIZE : 2.0sq
- 제어용 전선 : 2.0mm KIV,HIV
제작성 다스 변경될수있음.
의함 기방구조는 다음과 같음.
1) 의함 개방시 충전부분의 차단되도록 함.
2) 의함 개방후 충전되어있는 부분은 IP2X 이상의 차단

[illegible]

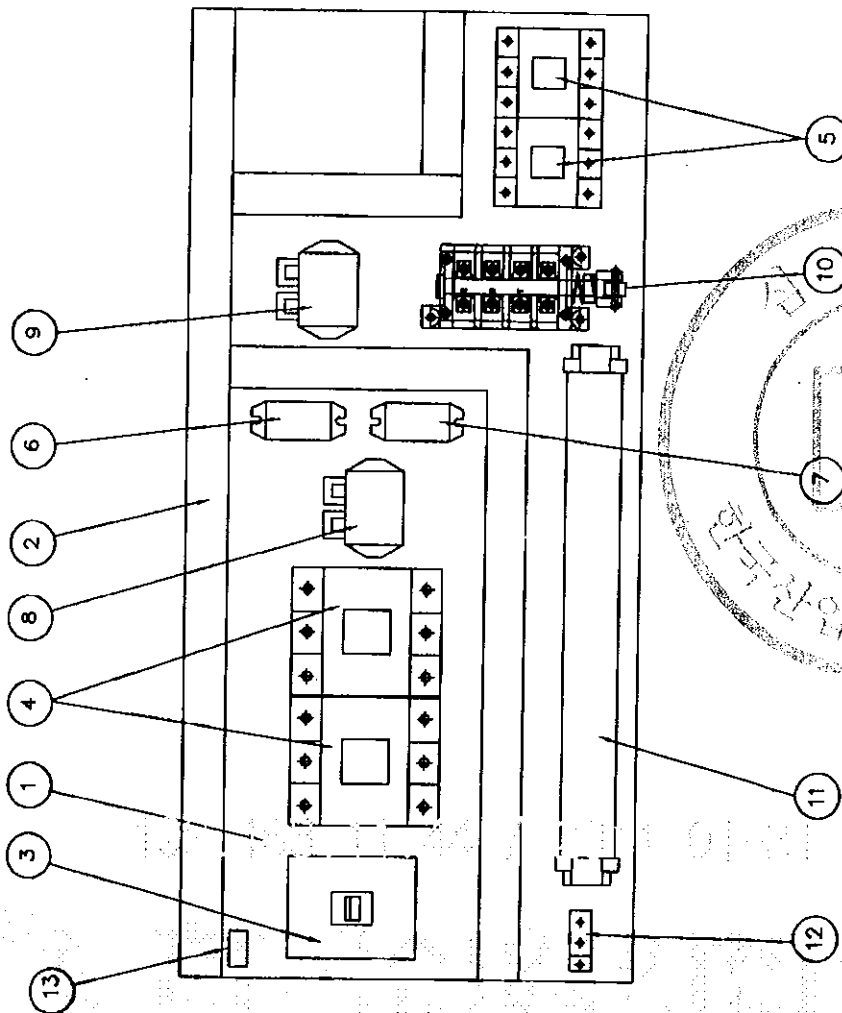
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
POWER CIRCUIT										CREEP HOIST MOTION									
AUX HOISTING MOTION										CREEP HOIST MOTION									
MHB										C1									
ADR'S NO.										C1									



SPECIFICATION		SYMBOLS		DESCRIPTION		SELECTION		MAKER		NO FUSE BREAKER		DC MAG. BRAKE		CREEP MOTOR		HOISTING MOTOR		MAGNET CONTACTOR		UPPER LIMIT		ELECTRIC OVER CURRENT RELAY		SILICON RECTIFIER		CABLE	
3TON AC3PH 380V 60Hz		IM20		5.5KWx4P		1.5KWx4P		DB20		DC 100V		MCCB100		IM 21		IM 20		M211, M212		LS-I, LS-II		EOCR200		RF200		C20-01	
KUKDONG HOIST		KUKDONG HOIST		KUKDONG HOIST		KUKDONG HOIST		KUKDONG HOIST		KUKDONG HOIST		KUKDONG HOIST		KUKDONG HOIST		KUKDONG HOIST		KUKDONG HOIST		KUKDONG HOIST		KUKDONG HOIST		KUKDONG HOIST		KUKDONG HOIST	
CUSTOMER		DRAWING		TITLE		CHK.		APP.		DESIGN		CHECKED		APPROVED		SCALE		DATE		ORDER NO.		DATE		ORDER NO.		DATE	
CREEP HOISTING POWER CONTROL CIRCUIT		CREEP HOISTING POWER CONTROL CIRCUIT		CREEP HOISTING POWER CONTROL CIRCUIT		CREEP HOISTING POWER CONTROL CIRCUIT		CREEP HOISTING POWER CONTROL CIRCUIT		CREEP HOISTING POWER CONTROL CIRCUIT		CREEP HOISTING POWER CONTROL CIRCUIT		CREEP HOISTING POWER CONTROL CIRCUIT		CREEP HOISTING POWER CONTROL CIRCUIT		CREEP HOISTING POWER CONTROL CIRCUIT		CREEP HOISTING POWER CONTROL CIRCUIT		CREEP HOISTING POWER CONTROL CIRCUIT		CREEP HOISTING POWER CONTROL CIRCUIT		CREEP HOISTING POWER CONTROL CIRCUIT	
REVISIONS		REVISIONS		REVISIONS		REVISIONS		REVISIONS		REVISIONS		REVISIONS		REVISIONS		REVISIONS		REVISIONS		REVISIONS		REVISIONS		REVISIONS		REVISIONS	
DATE		DATE		DATE		DATE		DATE		DATE		DATE		DATE		DATE		DATE		DATE		DATE		DATE		DATE	
DWG. NO		DWG. NO		DWG. NO		DWG. NO		DWG. NO		DWG. NO		DWG. NO		DWG. NO		DWG. NO		DWG. NO		DWG. NO		DWG. NO		DWG. NO		DWG. NO	
KDC3E31		KDC3E31		KDC3E31		KDC3E31		KDC3E31		KDC3E31		KDC3E31		KDC3E31		KDC3E31		KDC3E31		KDC3E31		KDC3E31		KDC3E31		KDC3E31	

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	아연 도금
2	CABLE DUCT	-	1	
3	MCCB100	DBS 33AF/20AT	1	HOISTING
4	MAGNET CONTACT	DOC-40P	2	HOISTING
5	MAGNET CONTACT	DOC-22P	2	CREEP HOIST
6	SILICON RECTIFIER	SR-60	1	HOISTING
7	SILICON RECTIFIER	SR-30	1	CREEP HOIST
8	E.O.C.R	SS-30	1	HOISTING
9	E.O.C.R	SS-05	1	CREEP HOIST
10	UPPER LIMITER	AC 600V, 75A	1	LS-1,2
11	TERMINAL BLOCK	60A, 15A		
12	EARTH TERMINAL	3x20x50	1	
13	MICRO SWITCH	HY-R7048	1	

NOTE

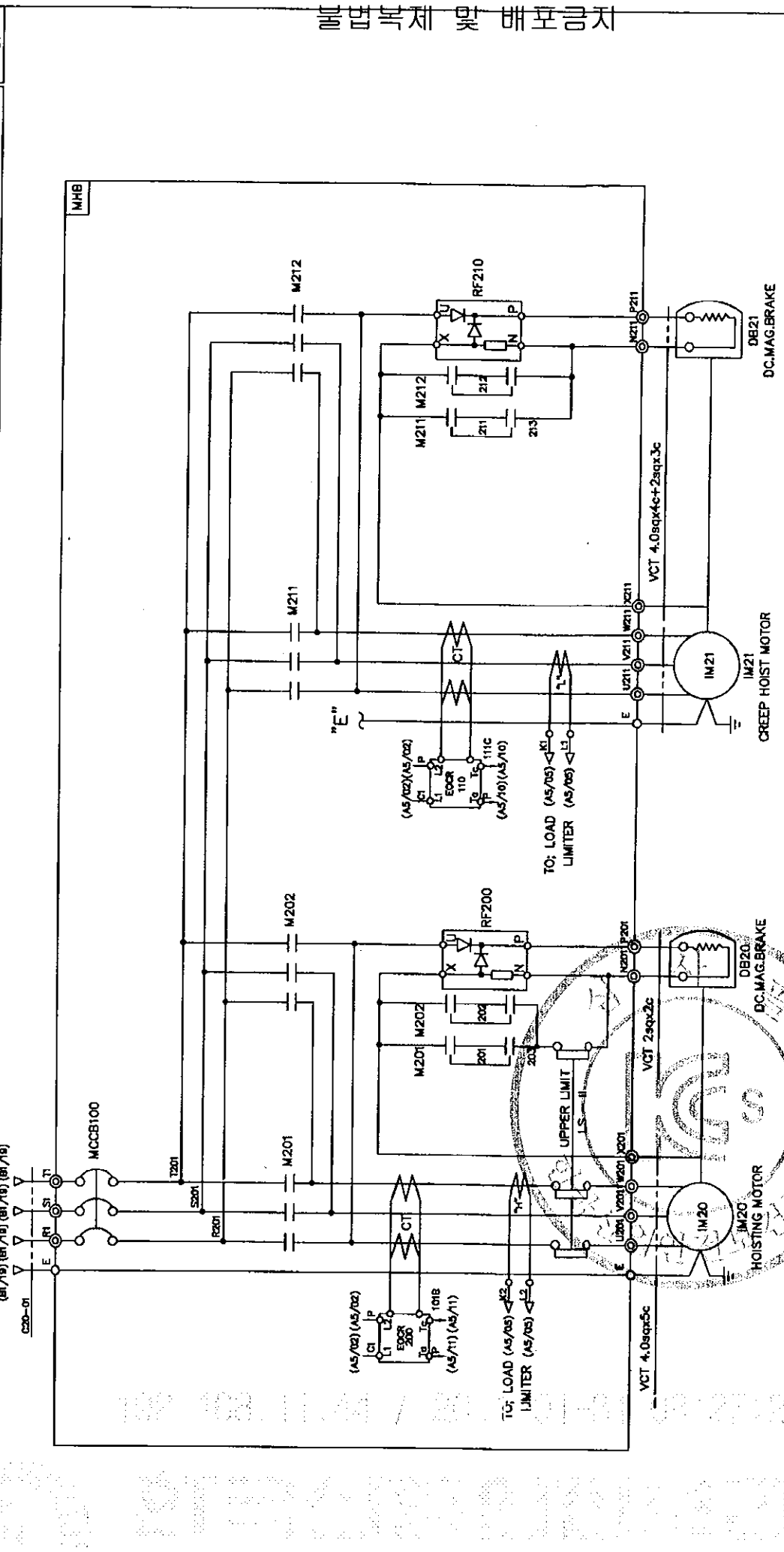
- 전선의 색상은 다음과 같다.
1) 흑색 : 교류 및 직류 전원선으로
2) 적색 : 교류제어회로
3) 주황색 : 외부전원에서 공급되는 연동장치 제어회로
4) 녹색 또는 녹색과 황색 혼용 : 접지선
- CABLE MATERIAL : ☐ KIV OR EQUIVALENT
MIN SIZE : 2.0sq
- 제어용 전선 : 2.0mm KIV, H1V
- 제지시 다소 변경될수있음.
- 외함 기방구조는 다음과 같을것.
- 외함 개방시 중전부분이 차단되도록 할것.
- 외함 기방후 중전되어있는 부분은 IP2X 이상의 직접 접촉 방호가 되어있을것.

NOTE

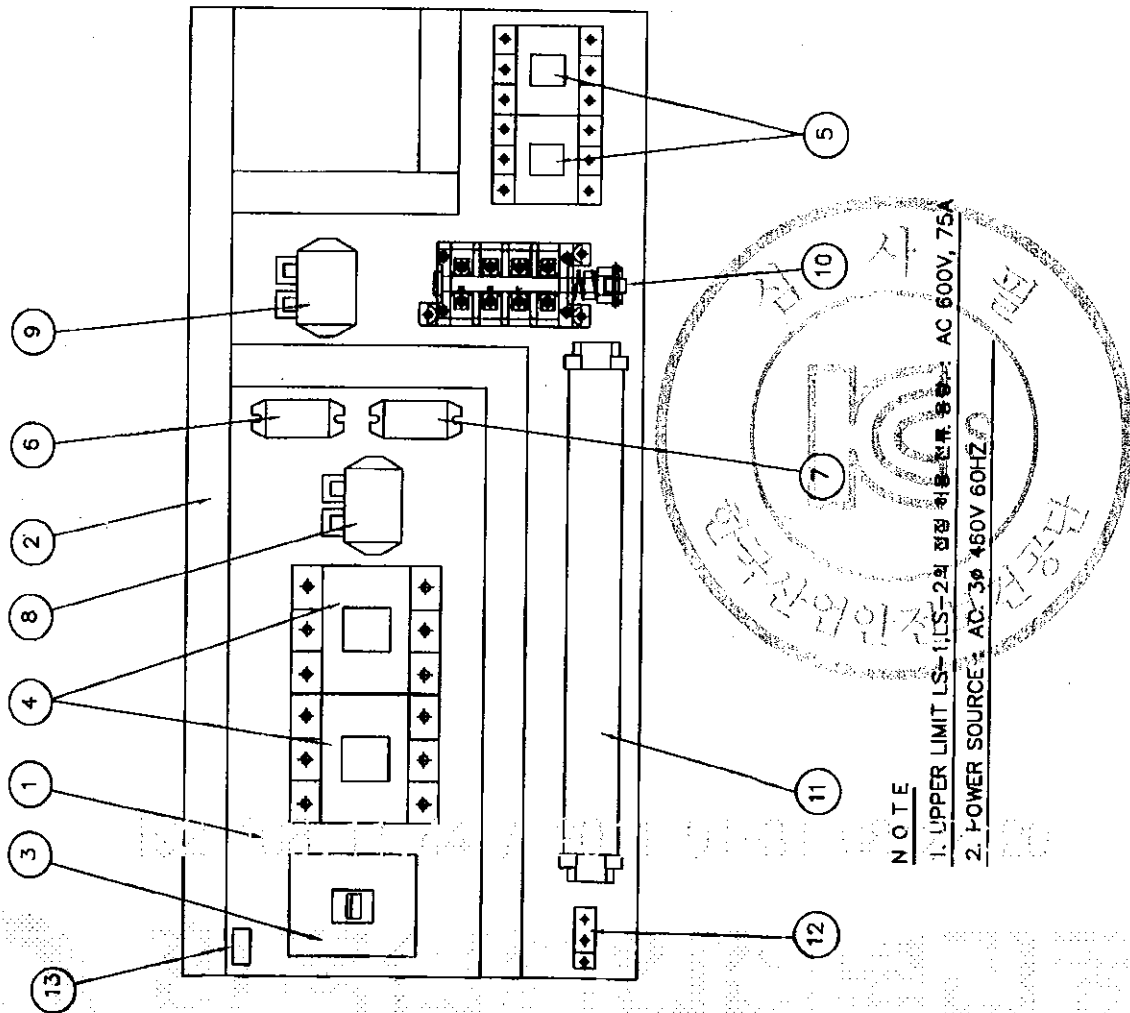
- UPPER LIMIT LS-1, LS-2와 접점 사용 전류 용량 : AC 600V, 75A
- POWER SOURCE : AC-3Φ 440V 60HZ

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1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
POWER CIRCUIT										CREEP HOIST MOTION									
AUX HOISTING MOTION										CREEP HOIST MOTION									
C20-01										C1									



SPECIFICATION SYMBOLS		DESCRIPTION		SELECTION		MAKER		CREEP HOISTING POWER CONTROL CIRCUIT		DRAWING TITLE		CUSTOMER		DRAWING REVISIONS		DATE		ORDER NO.	
HOISTING POWER		HOIST		IM 20		5.5KW/4P		KUKDONG HOIST		CREEP HOISTING POWER CONTROL CIRCUIT		KUKDONG HOIST		KUKDONG HOIST		KUKDONG HOIST		KUKDONG HOIST	
NO FUSE BREAKER		MCCB100		MCCB100		DC MAG. BRAKE		DB20, 21		MCCB100		DC 100V		DBS-33AF/20AT		DC 100V		DBS-33AF/20AT	
UPPER LIMIT		LS-II		LS-II		AC 600V 75A		SS-30		SS-30		SS-30		SS-30		SS-30		SS-30	
ELECTRIC OVER CURRENT RELAY		EOCR200		EOCR200		AC 600V 75A		SS-30		SS-30		SS-30		SS-30		SS-30		SS-30	
SILICON RECTIFIER		RF200		RF200		AC 600V 75A		SS-30		SS-30		SS-30		SS-30		SS-30		SS-30	
CABLE		C20-01		C20-01		VCT 4.0sqx4c		VCT 4.0sqx4c		VCT 4.0sqx4c		VCT 4.0sqx4c		VCT 4.0sqx4c		VCT 4.0sqx4c		VCT 4.0sqx4c	
DRAWING		DESIGN		CHECKED		APPROVED		SCALE		NONE		DATE		ORDER NO.		DWG. NO		KDC3E41	
KUKDONG HOIST		KUKDONG HOIST		KUKDONG HOIST		KUKDONG HOIST		KUKDONG HOIST		KUKDONG HOIST		KUKDONG HOIST		KUKDONG HOIST		KUKDONG HOIST		KUKDONG HOIST	



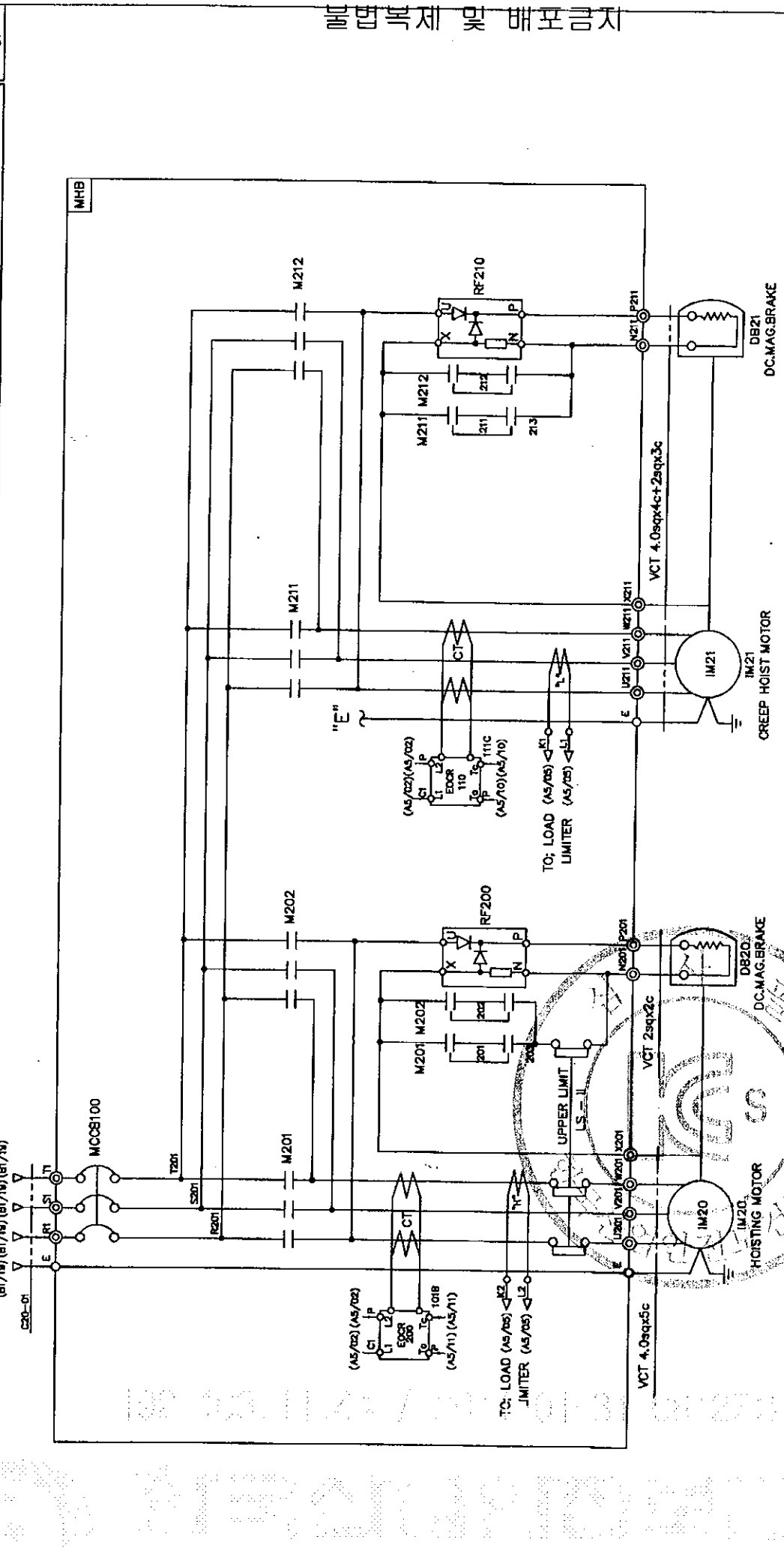
NO	DESCRIPTION	SPECIFICATION	Q'TY	REMARK
1	CHASSIS PLATE		1	아 전 도 금
2	CABLE DUCT	-	1	
3	MCCB100	DBS 33AF/20AT	1	HOISTING
4	MAGNET CONTACT	DOC-40P	2	HOISTING
5	MAGNET CONTACT	DOC-22P	2	CREEP HOIST
6	SILICON RECTIFIER	SR-60	1	HOISTING
7	SILICON RECTIFIER	SR-30	1	CREEP HOIST
8	E.O.C.R	SS-30	1	HOISTING
9	E.O.C.R	SS-05	1	CREEP HOIST
10	UPPER LIMITER	AC 600V, 75A	1	LS-1,2
11	TERMINAL BLOCK	60A,15A		
12	EARTH TERMINAL	3tx20x50	1	
13	MICRO SWITCH	HY-R704B	1	

NOTE

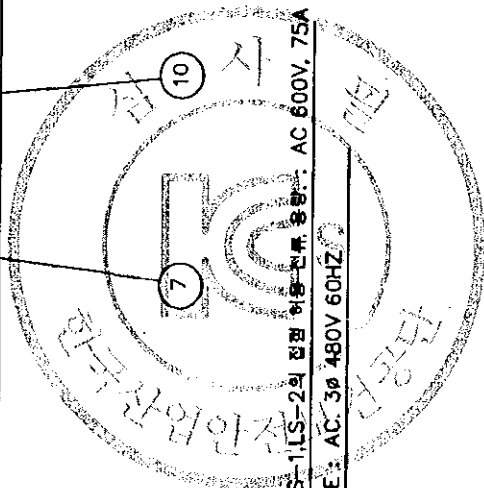
- 전선의 색상은 다음과 같다.
 - 색: 그루 및 직류 전선선로
 - 색: 그루 제어회로
 - 주용역: 외부전원에서 공급되는 연동장치 제어회로
 - 녹색 또는 녹색과 황색 혼용: 접지선
2. CABLE MATERIAL: ☐ KIV OR EQUIVALENT
MIN SIZE: 2.0sq
- 제어용 전선: 2.0mm KIV,HIV
 - 제어시 디스 변경될수있음.
 - 외함 개방구조는 다음과 같을것.
- 외함 개방시 충전부분이 차단되도록 할것.
 - 외함 개방후 충전되어있는 부분은 IP2X 이상의 직접 접촉 방호가 되어있을것.

DRAWING	DESIGN	CHECKED	APPROVED	SCALE	DATE	ORDER NO.
				NONE		
국동호이스트 주식회사 KUK DONG HOIST CO., LTD.						KDC3BA51
CREEP HOIST CONTROL BOX ARRANGEMENT DRAWING						DWG. NO
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										CREEP HOIST MOTION									
AUX HOISTING MOTION										CREEP HOIST MOTION									
C20-01										C1									



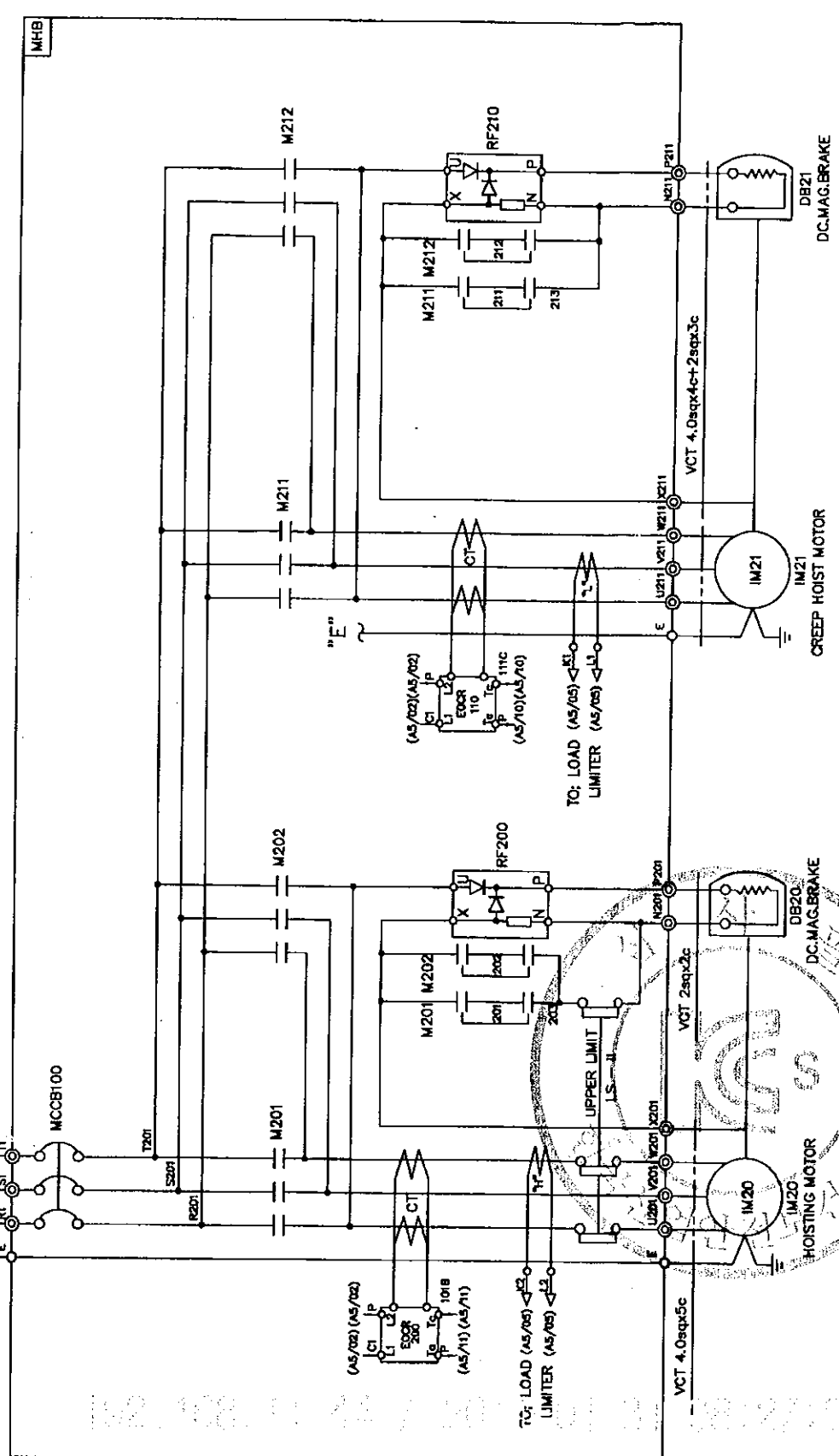
SPECIFICATION SYMBOLS	HOISTING POWER HOIST	HOISTING MOTOR	DC MAG. BRAKE	NO FUSE BREAKER	MAGNET CONTACTOR	UPPER LIMIT	ELECTRIC OVER CURRENT RELAY	SILICON RECTIFIER	CABLE
DESCRIPTION	3T0N AC3PH 460V 60Hz	IM 20	DB20, 21	MCCB100	M201, M212	LS-1, LS-2	RF200, RF210	SR-60	C20-01
SELECTION	3T0N AC3PH 460V 60Hz	5.5KWx4P	DC 100V	D6S-33AF/20AT	DOC-40P	DOC-22P	SS-30	SS-05	VCT 4.0sqx4c
MAKER		KUKDONG HOIST		DEARYUK	DEARYUK	KUKDONG HOIST	ASECO	ASAN	DONGIL
CUSTOMER									
DRAWING TITLE	CREEP HOISTING POWER CONTROL CIRCUIT								
REVISIONS									
DATE									
CHK.									
APP.									
DWG. NO.	KDC3E51								

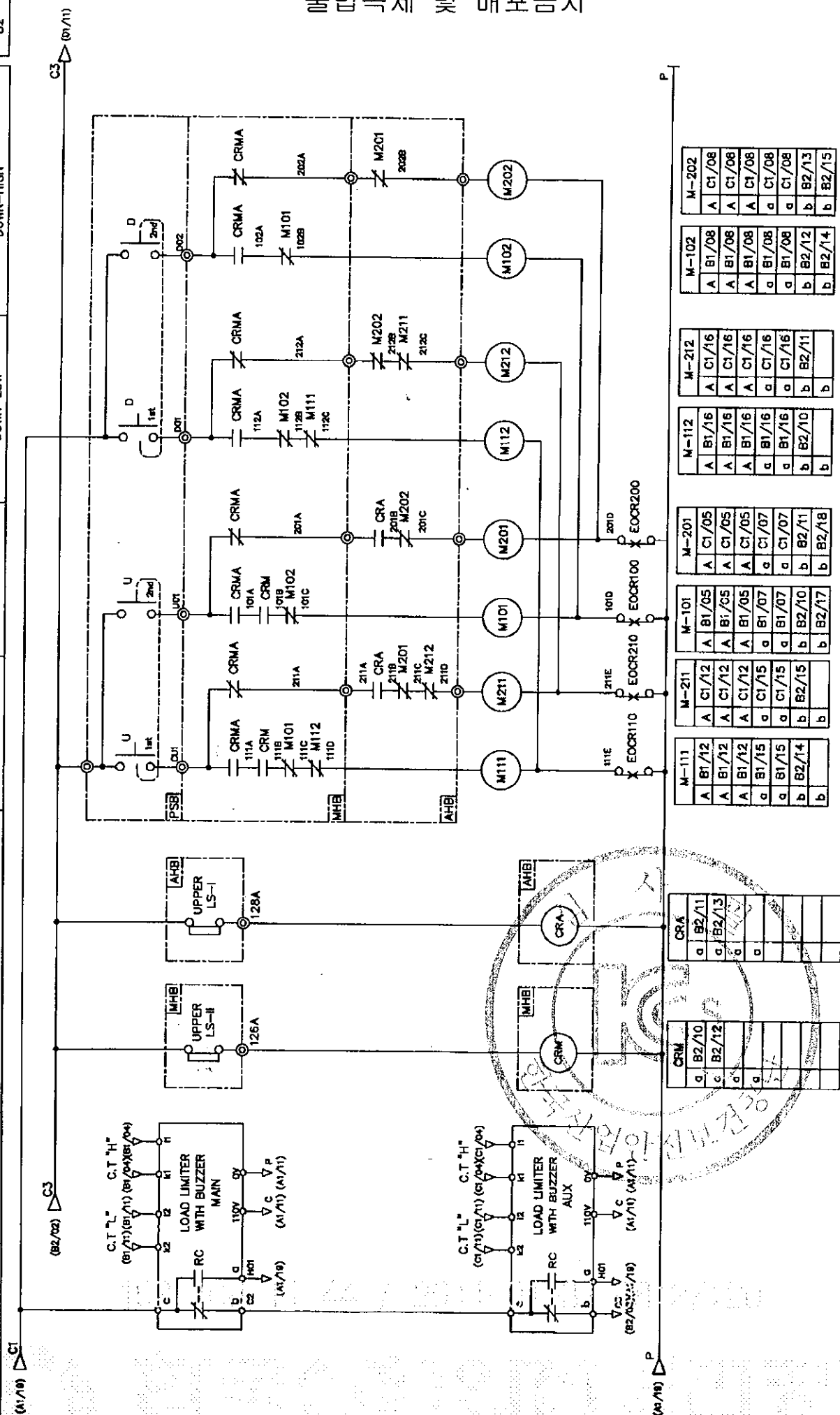


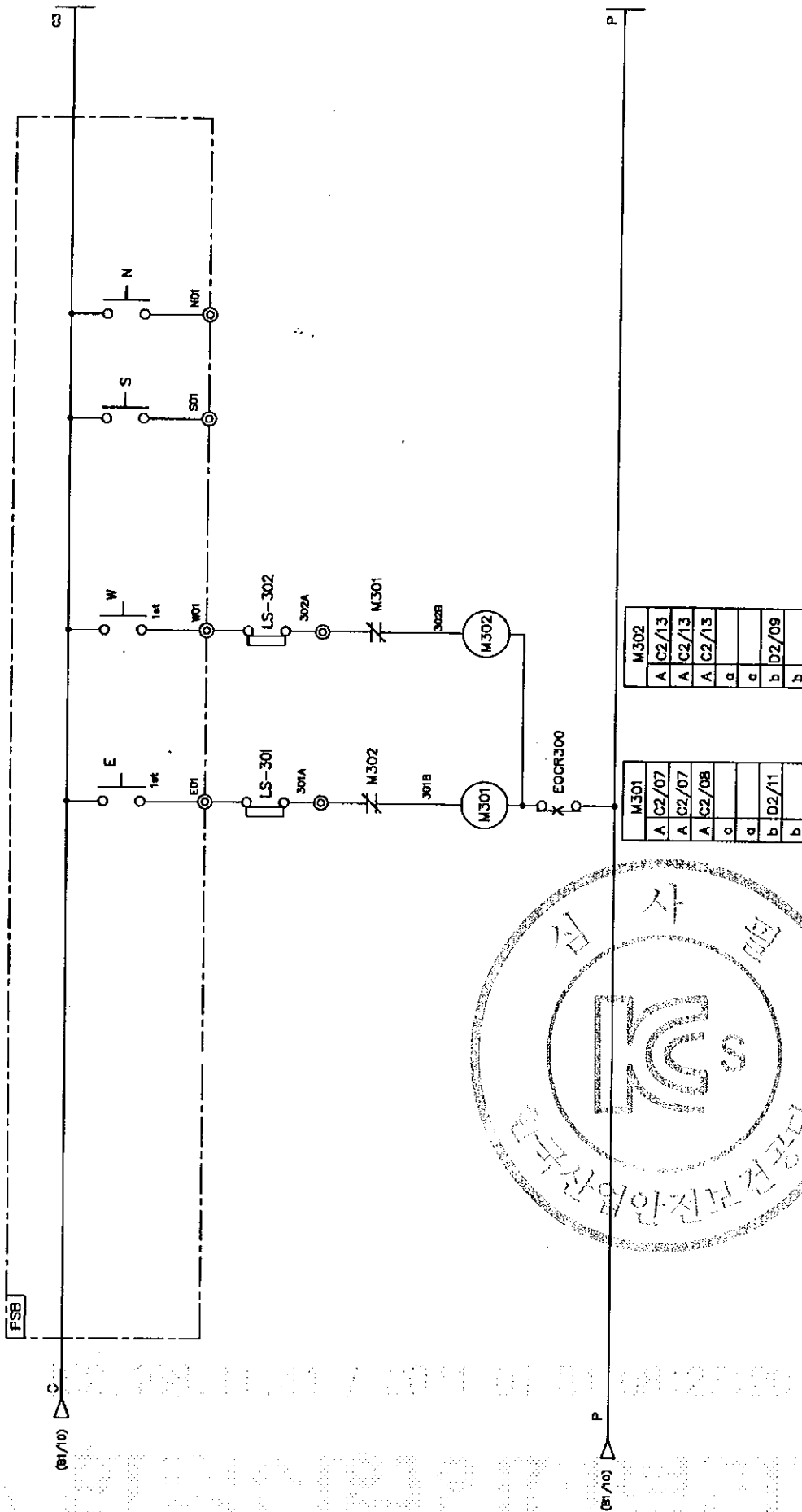
1. 전선의 역상은 다음과 같다.
- 1) 흑색 : 교류 및 직류 전원선으로
 - 2) 적색 : 교류 제어회로
 - 3) 주황색 : 외부전원에서 공급되는 전동장치 제어회로
 - 4) 녹색 또는 녹색과 황색 혼용 : 접지선
2. CABLE MATERIAL : [KIV OR EQUIVALENT
MIN SIZE : 2.0sq
3. 제어용 전선 : 2.0mm KIV/HIV
4. 제어시 다스 변경필수있음.
5. 외함 개방시 충전부분이 차단되도록 함.
- 1) 외함 개방시 충전부분이 차단되도록 함.
 - 2) 외함 개방후 충전되어있는 부분은 IP2X 이상의 직전

NO	DESCRIPTION	SPECIFICATION	Q'TY	REMARK
1	CHASSIS PLATE		1	이 현 도 금
2	CABLE DUCT	-	1	
3	MCCB100	DBS 33AF/20AT	1	HOISTING
4	MAGNET CONTACT	DOC-40P	2	HOISTING
5	MAGNET CONTACT	GMC-22P	2	CREEP HOIST
6	SILICON RECTIFIER	SR-60	1	HOISTING
7	SILICON RECTIFIER	SR-30	1	CREEP HOIST
8	E.O.C.R	SS-30	1	HOISTING
9	E.O.C.R	SS-05	1	CREEP HOIST
10	UPPER LIMITER	AC 600V, 75A	1	LS-1,2
11	TERMINAL BLOCK	60A,15A		
12	EARTH TERMINAL	31x20x50	1	
13	MICRO SWITCH	HY-R704B	1	

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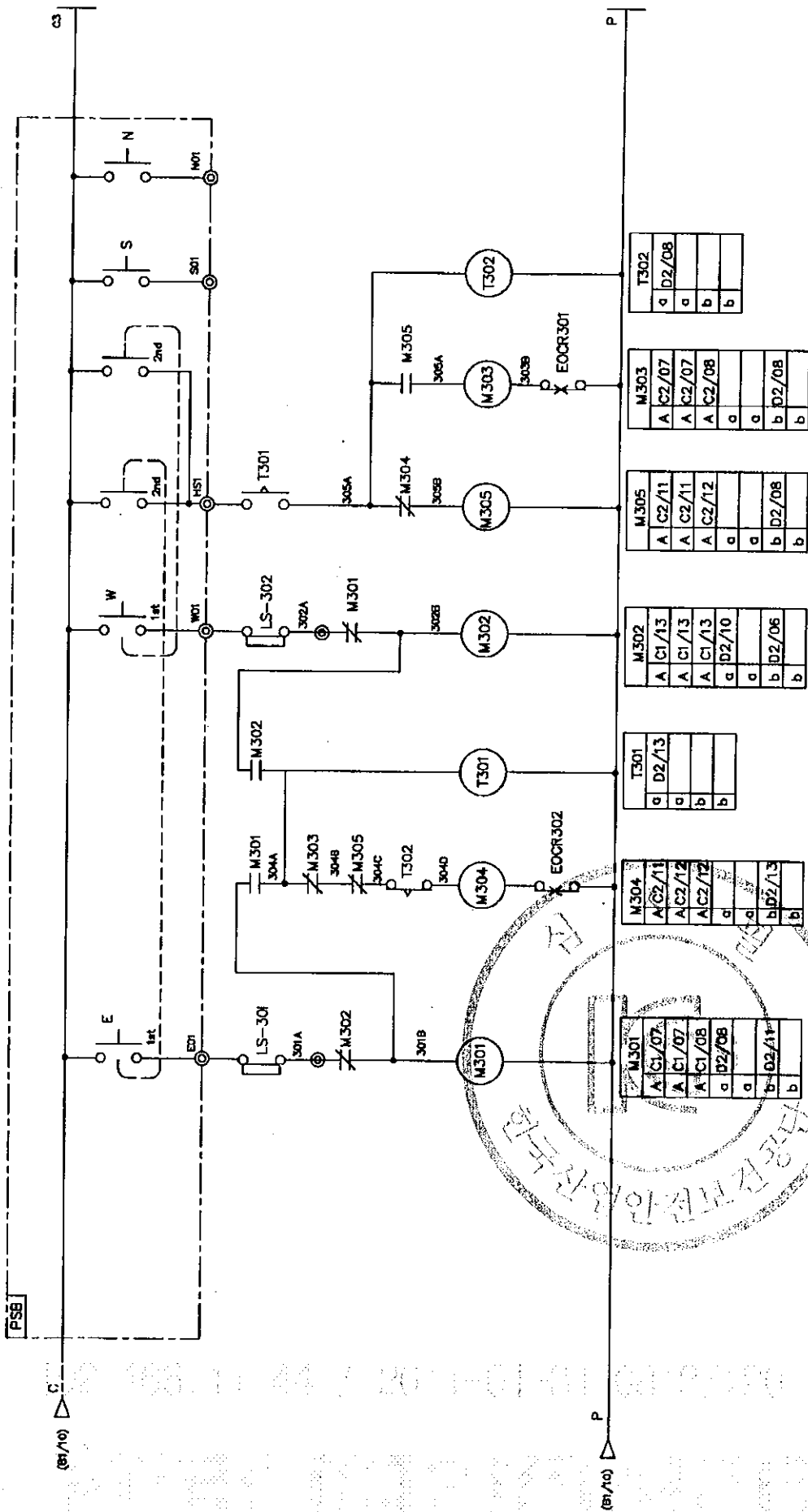
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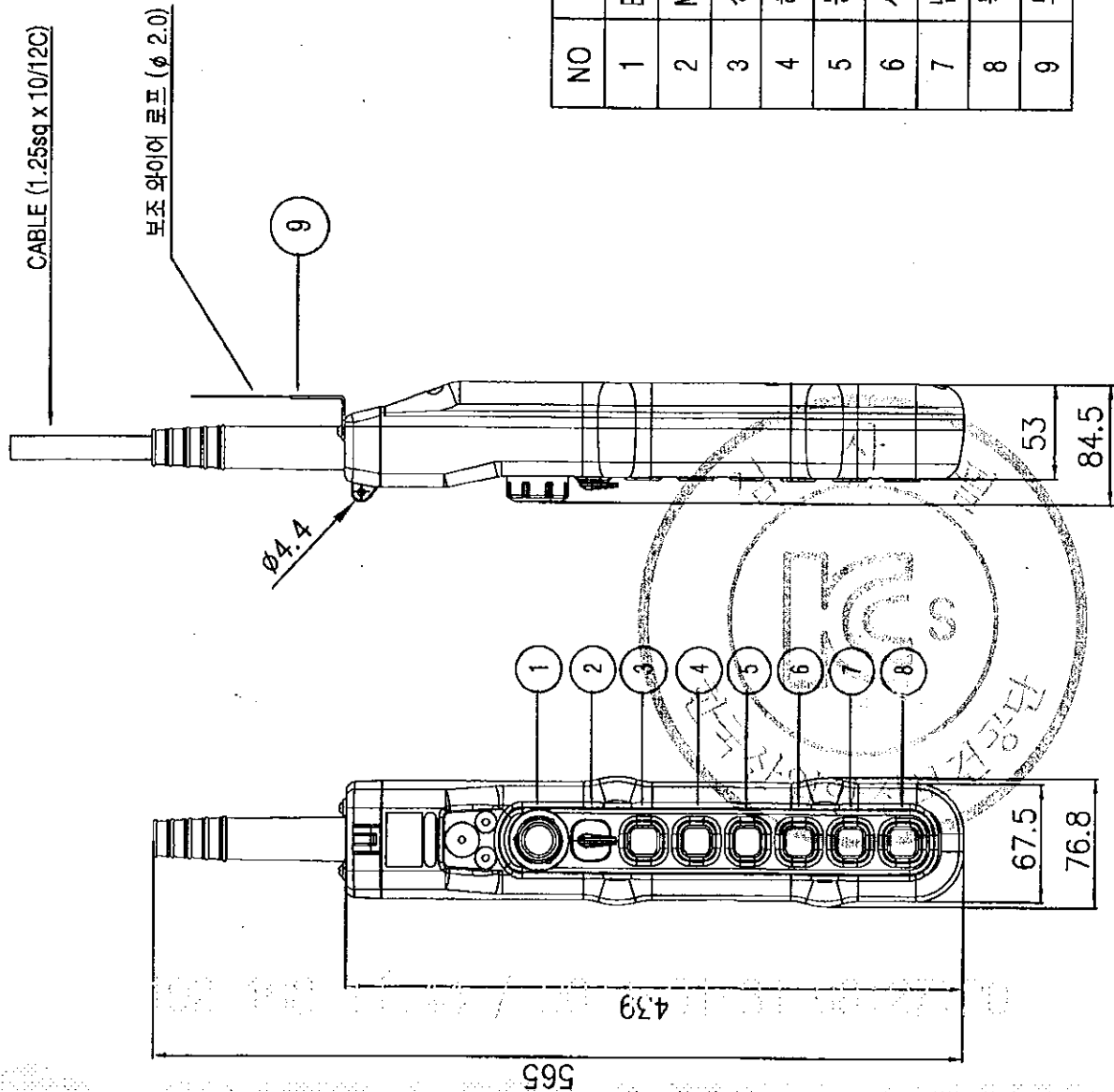


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DATE	REVISIONS						CHK APP.
CUSTOMER							
DRAWING TITLE	MAIN CREEP HOISTING POWER CIRCUIT						
DRAWING	DESIGN	CHECKED	APPROVED	SCALE	DATE	ORDER NO.	
				NONE			
 KUK DONG HOIST CO., LTD. 굿동호이스트 주식회사							KD10E107-075

1	2		4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20				
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EAST (LOW SPEED)										WEST (LOW SPEED)					HIGH SPEED					SOUTH		NORTH	
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CUSTOMER		DRAWING TITLE		REVISIONS		CHK. APP.		DATE	
MAIN CREEP HOISTING POWER CIRCUIT		NONE		DWG. NO		K010E106-075		ORDER NO.	
KUK DONG HOIST CO., LTD.		KUK DONG HOIST CO., LTD.		DWG. NO		K010E106-075		ORDER NO.	



색상	구분	조작버튼	표시등
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황색		비정상	비정상
녹색		정상	정상
청색		의무	의무
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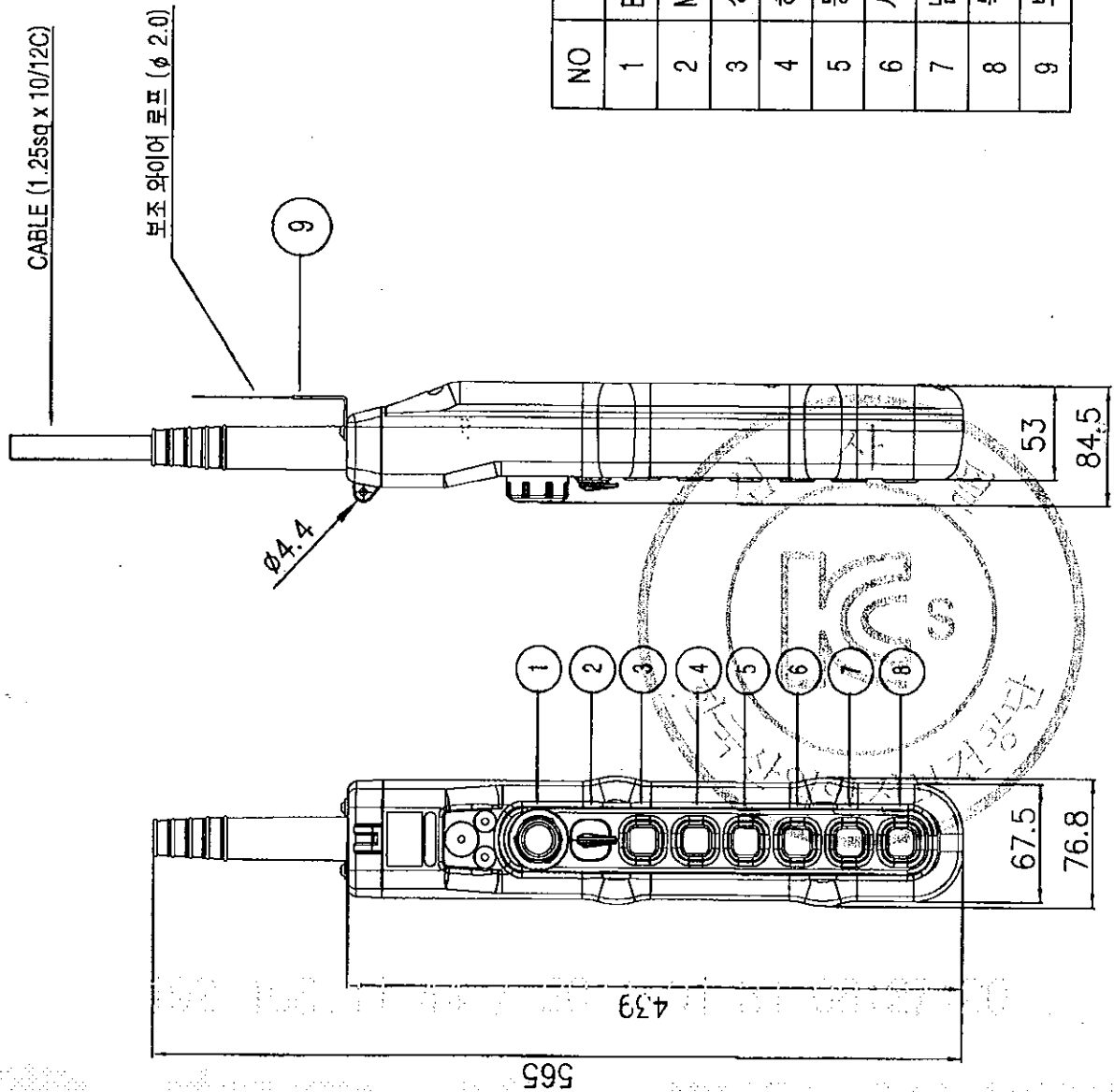
* MATERIAL : POLYCARBOBATE(PLASTIC)

* BODY COLOR : YELLOW, BLACK

* IP : 55 이상

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

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

* MATERIAL : POLYCARBONATE (PLASTIC)

* BODY COLOR : YELLOW, BLACK

* IP : 55 이상

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

DRAWING	DESIGN	CHECKED	APPROVED	SCALE	DATE
PENDANT PUSH BUTTON SWITCH					
LAY OUT					
CUSTOMER					
DRAWING TITLE					
REVISIONS					
DATE					
CHK.					
APP.					
DWG. NO	KD-KONG HOIST CO., LTD.				
KD	KD-E1002				

LOAD LIMITER 권고 SETTING치

* POWER SOURCE : AC 3Φ 220V 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	10 A	11.2 A	CT-2	K-K1, L-L1	5 V.A	
	0.4KW x 4P	110%	1 SEC	1 SEC	2.7 A	3.1 A	CT-1	K-K1, L-L1	5 V.A	
C2 TON	3.7KW x 4P	110%	1 SEC	1 SEC	16.0 A	17.4 A	CT-2	K-K1, L-L1	5 V.A	
	0.4KW x 4P	110%	1 SEC	1 SEC	2.7 A	3.1 A	CT-1	K-K1, L-L1	5 V.A	
C2.8 TON	5.0KW x 4P	110%	1 SEC	1 SEC	22.8 A	24.2 A	CT-2	K-K1, L-L1	5 V.A	
	1.5KW x 4P	110%	1 SEC	1 SEC	7.3 A	8.3 A	CT-1	K-K1, L-L1	5 V.A	
C3 TON	5.5KW x 4P	110%	1 SEC	1 SEC	22.8 A	24.3 A	CT-2	K-K1, L-L1	5 V.A	
	1.5KW x 4P	110%	1 SEC	1 SEC	7.3 A	8.3 A	CT-1	K-K1, L-L1	5 V.A	
C5 TON	5.5KW x 6P	110%	1 SEC	1 SEC	28.2 A	30.1 A	CT-2	K-K1, L-L1	5 V.A	
	1.0KW x 6P	110%	1 SEC	1 SEC	6.7 A	8.1 A	CT-1	K-K1, L-L1	5 V.A	
C7.5 TON	5.5KW x 6P	110%	1 SEC	1 SEC	28.2 A	30.1 A	CT-2	K-K1, L-L1	5 V.A	
	1.0KW x 6P	110%	1 SEC	1 SEC	6.7 A	8.1 A	CT-1	K-K1, L-L1	5 V.A	
C10 TON	9.0KW x 8P	110%	1 SEC	1 SEC	45.0 A	49.1 A	CT-2	K-K1, L-L1	5 V.A	
	1.1KW x 8P	110%	1 SEC	1 SEC	8.0 A	9.6 A	CT-2	K-K1, L-L1	5 V.A	

NOTE

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

LOAD LIMITER 권고 SETTING치

* POWER SOURCE : AC 3Φ 380V 60Hz

극동호이스트(주)

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

NOTE

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

LOAD LIMITER 권고 SETTING치

* POWER SOURCE : AC 3Φ 440V 60Hz

극동하이스트(주)

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

NOTE

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

LOAD LIMITER 권고 SETTING치

* POWER SOURCE : AC 3Φ 460V 60Hz

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	4.8 A	5.2 A	CT-2	K-K1, L-L1	5 V.A	
	0.4KW x 4P	110%	1 SEC	1 SEC	1.3 A	1.5 A	CT-1	K-K1, L-L1	5 V.A	
C2 TON	3.7KW x 4P	110%	1 SEC	1 SEC	7.7 A	8.5 A	CT-2	K-K1, L-L1	5 V.A	
	0.4KW x 4P	110%	1 SEC	1 SEC	1.3 A	1.5 A	CT-1	K-K1, L-L1	5 V.A	
C2.8 TON	5.0KW x 4P	110%	1 SEC	1 SEC	10.0 A	11.5 A	CT-2	K-K1, L-L1	5 V.A	
	1.5KW x 4P	110%	1 SEC	1 SEC	3.5 A	4.3 A	CT-1	K-K1, L-L1	5 V.A	
C3 TON	5.5KW x 4P	110%	1 SEC	1 SEC	10.0 A	11.5 A	CT-2	K-K1, L-L1	5 V.A	
	1.5KW x 4P	110%	1 SEC	1 SEC	3.5 A	4.3 A	CT-1	K-K1, L-L1	5 V.A	
C5 TON	5.5KW x 6P	110%	1 SEC	1 SEC	13.5 A	14.7 A	CT-2	K-K1, L-L1	5 V.A	
	1.0KW x 6P	110%	1 SEC	1 SEC	3.2 A	3.6 A	CT-1	K-K1, L-L1	5 V.A	
C7.5 TON	5.5KW x 6P	110%	1 SEC	1 SEC	13.5 A	14.7 A	CT-2	K-K1, L-L1	5 V.A	
	1.0KW x 6P	110%	1 SEC	1 SEC	3.2 A	3.6 A	CT-1	K-K1, L-L1	5 V.A	
C10 TON	9.0KW x 8P	110%	1 SEC	1 SEC	21.5 A	23.7 A	CT-2	K-K1, L-L1	5 V.A	
	1.1KW x 8P	110%	1 SEC	1 SEC	3.8 A	5.4 A	CT-1	K-K1, L-L1	5 V.A	

NOTE

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

LOAD LIMITER 권고 SETTING치

* POWER SOURCE : AC 3Φ 480V 60Hz

극동하이스트(주)

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

NOTE

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

E.O.C.R 권고 SETTING치

* POWER SOURCE : AC 3Φ 220V 60Hz

극동하이스트(주)

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

NOTE

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

E.O.C.R 권고 SETTING치

* POWER SOURCE : AC 3Φ 380V 60Hz

극동호이스트(주)

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

NOTE

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 수치는 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)

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

국동호이스트(주)

HOIST	MOTOR 용량	MOTOR 정격 전류	DRIVE TYPE	E.O.C.R TYPE	권고 SETTING 치			REMARK
					DELAY TIME	OPERATION TIME	CURRENT	
C1 TON	2.4KW x 4P	4.6 A	1 DRAVE	SS-30	3 SEC	1 SEC	4.6 A	
	0.4KW x 4P	1.4 A	1 DRAVE	SS-05	3 SEC	1 SEC	1.4 A	
C2 TON	3.7KW x 4P	7.3 A	1 DRAVE	SS-30	3 SEC	1 SEC	7.3 A	
	0.4KW x 4P	1.4 A	1 DRAVE	SS-05	3 SEC	1 SEC	1.4 A	
C2.8 TON	5.0KW x 4P	9.6 A	1 DRAVE	SS-30	3 SEC	1 SEC	9.6 A	
	1.5KW x 4P	3.4 A	1 DRAVE	SS-05	3 SEC	1 SEC	3.4 A	
C3 TON	5.5KW x 4P	9.6 A	1 DRAVE	SS-30	3 SEC	1 SEC	9.6 A	
	1.5KW x 4P	3.4 A	1 DRAVE	SS-05	3 SEC	1 SEC	3.4 A	
C5 TON	5.5KW x 6P	12.9 A	1 DRAVE	SS-30	3 SEC	1 SEC	12.9 A	
	1.0KW x 6P	3.1 A	1 DRAVE	SS-05	3 SEC	1 SEC	3.1 A	
C7.5 TON	5.5KW x 6P	12.9 A	1 DRAVE	SS-30	3 SEC	1 SEC	12.9 A	
	1.0KW x 6P	3.1 A	1 DRAVE	SS-05	3 SEC	1 SEC	3.1 A	
C10 TON	9.0KW x 8P	20.6 A	1 DRAVE	SS-30	3 SEC	1 SEC	20.6 A	
	1.1KW x 8P	3.6 A	1 DRAVE	SS-05	3 SEC	1 SEC	4.0 A	

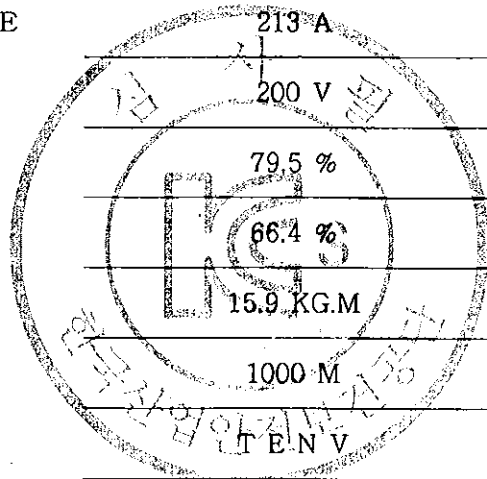
NOTE

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

THREE PHASE INDUCTION MOTOR DATE SHEET

SCHEDULE OF TECHNICAL DATA

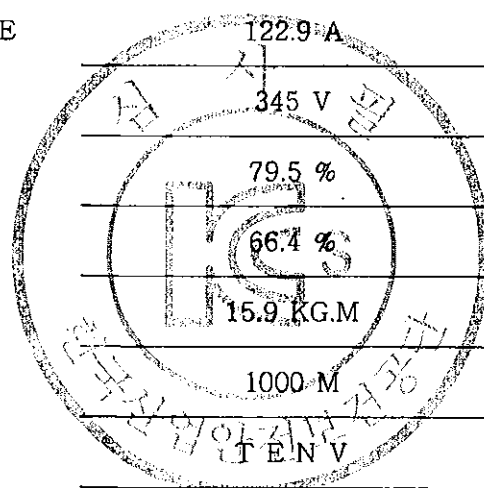
1. SERVICE	HOISTING
2. MANUFACTURE	극동호이스트 (주)
3. FRAME NUMBER	160 L
4. RATED POWER	9.0 KW x 8 P
5. RATED VOLTAGE AND FREQUENCY	220 V 60 Hz
6. MOTOR TYPE	SQUIRREL CAGE ROTOR TYPE
7. SERVICE FACTOR AND RATting	1.0 , 30 MIN
8. LOCATION AND INSULATION CLASS	INDOOR, OUTDOOR, B CLASS
9. DESIGN TRMPERATURE RISE(BY RESISTANCE)	80 ℃
10. FULL LOAD SPEED	846 RPM
11. FULL LOAD CURRENT	45.0 A
12. STARTING CURRENT AT RATED VOLTAGE	213 A
13. MINIMUM STARTING VOLTAGE	200 V
14. EFFICIENCY AT 100% RATED LOAD	79.5 %
15. POWER FACTOR AT 100% RATED LOAD	66.4 %
16. STARTING TORQUE	15.9 KG.M
17. SITE ALTITUDE(UNDER)	1000 M
18. ENCLOSURE & COOLING METHOD	T E N V
19. TYPE OF BEARING	PL : 6309zz OPL : 6308zz
20. MOUNTING	HORIZONTAL
21. MAXIMUM AMBIENT TEMPURE	40 ℃
22. BEARING LUBRICATION	GREASE
23. STARTING METHOD	FULL VOLTAGE



THREE PHASE INDUCTION MOTOR DATE SHEET

SCHEDULE OF TECHNICAL DATA

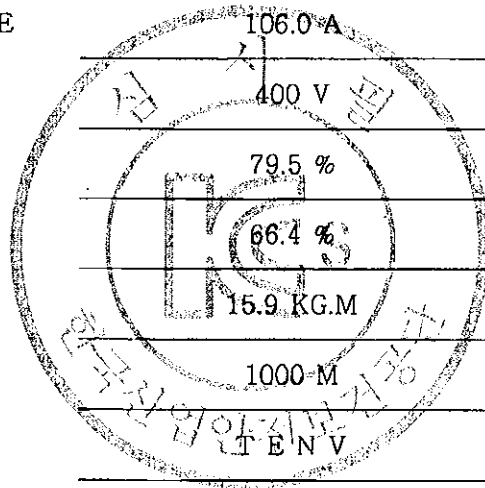
1. SERVICE	HOISTING
2. MANUFACTURE	극동호이스트 (주)
3. FRAME NUMBER	160 L
4. RATED POWER	9.0 KW x 8 P
5. RATED VOLTAGE AND FREQUENCY	380 V 60 Hz
6. MOTOR TYPE	SQUIRREL CAGE ROTOR TYPE
7. SERVICE FACTOR AND RATting	1.0 , 30 MIN
8. LOCATION AND INSULATION CLASS	INDOOR, OUTDOOR, B CLASS
9. DESIGN TRMPERATURE RISE(BY RESISTANCE)	80 ℃
10. FULL LOAD SPEED	846 RPM
11. FULL LOAD CURRENT	26.0 A
12. STARTING CURRENT AT RATED VOLTAGE	122.9 A
13. MINIMUM STARTING VOLTAGE	345 V
14. EFFICIENCY AT 100% RATED LOAD	79.5 %
15. POWER FACTOR AT 100% RATED LOAD	66.4 %
16. STARTING TORQUE	15.9 KG.M
17. SITE ALTTITUDE(UNDER)	1000 M
18. ENCLOSURE & COOLING METHOD	TENV
19. TYPE OF BEARING	PL : 6309zz OPL : 6308zz
20. MOUNTING	HORIZONTAL
21. MAXIMUM AMBIENT TEMPFURE	40 ℃
22. BEARING LUBRICATION	GREASE
23. STARTING METHOD	FULL VOLTAGE



THREE PHASE INDUCTION MOTOR DATE SHEET

SCHEDULE OF TECHNICAL DATA

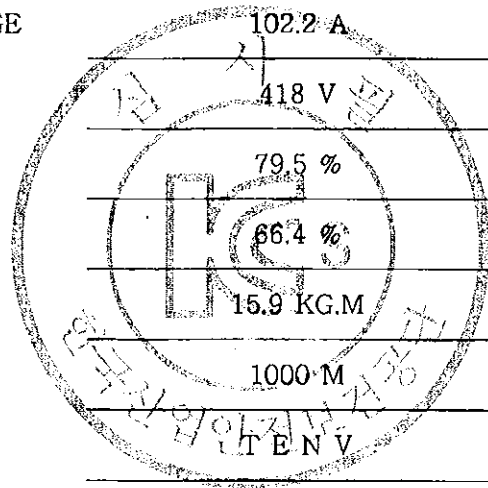
1. SERVICE	HOISTING
2. MANUFACTURE	극동호이스트 (주)
3. FRAME NUMBER	160 L
4. RATED POWER	9.0 KW x 8 P
5. RATED VOLTAGE AND FREQUENCY	440 V 60 Hz
6. MOTOR TYPE	SQUIRREL CAGE ROTOR TYPE
7. SERVICE FACTOR AND RATTING	1.0 , 30 MIN
8. LOCATION AND INSULATION CLASS	INDOOR, OUTDOOR, B CLASS
9. DESIGN TRMPERATURE RISE(BY RESISTANCE)	80 ℃
10. FULL LOAD SPEED	846 RPM
11. FULL LOAD CURRENT	22.5 A
12. STARTING CURRENT AT RATED VOLTAGE	106.0 A
13. MINIMUM STARTING VOLTAGE	400 V
14. EFFICIENCY AT 100% RATED LOAD	79.5 %
15. POWER FACTOR AT 100% RATED LOAD	66.4 %
16. STARTING TORQUE	15.9 KG.M
17. SITE ALTTITUDE(UNDER)	1000 M
18. ENCLOSURE & COOLING METHOD	TENV
19. TYPE OF BEARING	PL : 6309zz OPL : 6308zz
20. MOUNTING	HORIZONTAL
21. MAXIMUM AMBIENT TEMFURE	40 ℃
22. BEARING LUBRICATION	GREASE
23. STARTING METHOD	FULL VOLTAGE



THREE PHASE INDUCTION MOTOR DATE SHEET

SCHEDULE OF TECHNICAL DATA

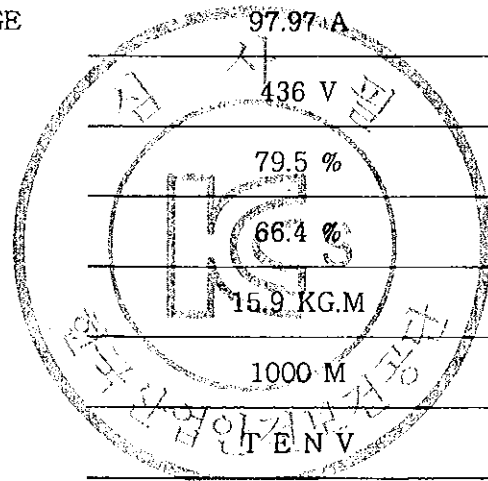
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2. MANUFACTURE	극동호이스트 (주)
3. FRAME NUMBER	160 L
4. RATED POWER	9.0 KW x 8 P
5. RATED VOLTAGE AND FREQUENCY	460 V 60 Hz
6. MOTOR TYPE	SQUIRREL CAGE ROTOR TYPE
7. SERVICE FACTOR AND RATting	1.0 , 30 MIN
8. LOCATION AND INSULATION CLASS	INDOOR, OUTDOOR, B CLASS
9. DESIGN TRMPERATURE RISE(BY RESISTANCE)	80 ℃
10. FULL LOAD SPEED	846 RPM
11. FULL LOAD CURRENT	21.5 A
12. STARTING CURRENT AT RATED VOLTAGE	102.2 A
13. MINIMUM STARTING VOLTAGE	418 V
14. EFFICIENCY AT 100% RATED LOAD	79.5 %
15. POWER FACTOR AT 100% RATED LOAD	66.4 %
16. STARTING TORQUE	15.9 KG.M
17. SITE ALTITUDE(UNDER)	1000 M
18. ENCLOSURE & COOLING METHOD	TEN V
19. TYPE OF BEARING	PL : 6309zz OPL : 6308zz
20. MOUNTING	HORIZONTAL
21. MAXIMUM AMBIENT TEMPCRE	40 ℃
22. BEARING LUBRICATION	GREASE
23. STARTING METHOD	FULL VOLTAGE



THREE PHASE INDUCTION MOTOR DATE SHEET

SCHEDULE OF TECHNICAL DATA

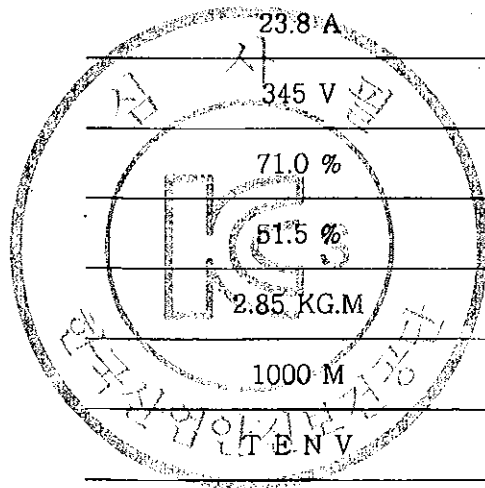
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2. MANUFACTURE	극동호이스트 (주)
3. FRAME NUMBER	160 L
4. RATED POWER	9.0 KW x 8 P
5. RATED VOLTAGE AND FREQUENCY	480 V 60 Hz
6. MOTOR TYPE	SQUIRREL CAGE ROTOR TYPE
7. SERVICE FACTOR AND RATting	1.0 , 30 MIN
8. LOCATION AND INSULATION CLASS	INDOOR, OUTDOOR, B CLASS
9. DESIGN TRMPERATURE RISE(BY RESISTANCE)	80 ℃
10. FULL LOAD SPEED	846 RPM
11. FULL LOAD CURRENT	20.6 A
12. STARTING CURRENT AT RATED VOLTAGE	97.97 A
13. MINIMUM STARTING VOLTAGE	436 V
14. EFFICIENCY AT 100% RATED LOAD	79.5 %
15. POWER FACTOR AT 100% RATED LOAD	66.4 %
16. STARTING TORQUE	15.9 KG.M
17. SITE ALTITUDE(UNDER)	1000 M
18. ENCLOSURE & COOLING METHOD	TENV
19. TYPE OF BEARING	PL : 6309zz OPL : 6308zz
20. MOUNTING	HORIZONTAL
21. MAXIMUM AMBOENT TEMPTURE	40 ℃
22. BEARING LUBRICATION	GREASE
23. STARTING METHOD	FULL VOLTAGE



THREE PHASE INDUCTION MOTOR DATE SHEET

SCHEDULE OF TECHNICAL DATA

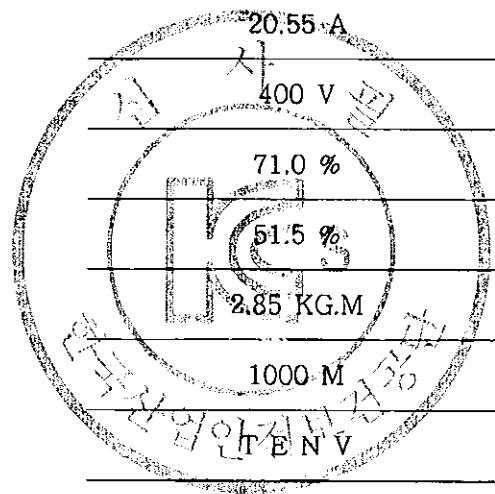
1. SERVICE	CREEP HOISTING
2. MANUFACTURE	극동호이스트 (주)
3. FRAME NUMBER	112 S
4. RATED POWER	1.1 KW x 8 P
5. RATED VOLTAGE AND FREQUENCY	380 V 60 Hz
6. MOTOR TYPE	SQUIRREL CAGE ROTOR TYPE
7. SERVICE FACTOR AND RATTING	1.0 , 30 MIN
8. LOCATION AND INSULATION CLASS	INDOOR, OUTDOOR, B CLASS
9. DESIGN TRMPERATURE RISE(BY RESISTANCE)	80 ℃
10. FULL LOAD SPEED	846 RPM
11. FULL LOAD CURRENT	4.6 A
12. LOCKED ROTOR CURRENT	23.8 A
13. MINIMUM STARTING VOLTAGE	345 V
14. EFFICIENCY AT 100% RATED LOAD	71.0 %
15. POWER FACTOR AT 100% RATED LOAD	51.5 %
16. STARTING TORQUE	2.85 KG.M
17. SITE ALTTITUDE(UNDER)	1000 M
18. ENCLOSURE & COOLING METHOD	T E N V
19. TYPE OF BEARING	PL : 6208zz OPL : 6206zz
20. MOUNTING	H O R I Z O N T A L
21. MAXIMUM AMEIENT TEMPURE	40 ℃
22. BEARING LUBRICATION	G R E A S E
23. STARTING METHOD	F U L L V O L T A G E



THREE PHASE INDUCTION MOTOR DATE SHEET

SCHEDULE OF TECHNICAL DATA

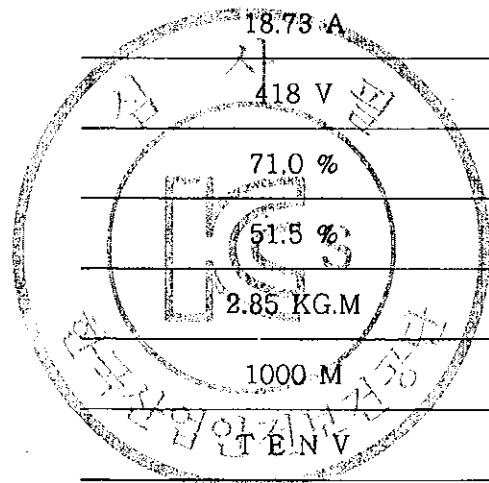
1. SERVICE	CREEP HOISTING
2. MANUFACTURE	극동호이스트 (주)
3. FRAME NUMBER	112 S
4. RATED POWER	1.1 KW x 8 P
5. RATED VOLTAGE AND FREQUENCY	440 V 60 Hz
6. MOTOR TYPE	SQUIRREL CAGE ROTOR TYPE
7. SERVICE FACTOR AND RATTING	1.0 , 30 MIN
8. LOCATION AND INSULATION CLASS	INDOOR, OUTDOOR, B CLASS
9. DESIGN TRMPERATURE RISE(BY RESISTANCE)	80 ℃
10. FULL LOAD SPEED	846 RPM
11. FULL LOAD CURRENT	4.0 A
12. LOCKER ROTOR CURRENT	20.55 A
13. MINIMUM STARTING VOLTAGE	400 V
14. EFFICIENCY AT 100% RATED LOAD	71.0 %
15. POWER FACTOR AT 100% RATED LOAD	51.5 %
16. STARTING TORQUE	2.85 KG.M
17. SITE ALTTITUDE(UNDER)	1000 M
18. ENCLOSURE & COOLING METHOD	TENV
19. TYPE OF BEARING	PL : 6208zz OPL : 6006zz
20. MOUNTING	HORIZONTAL
21. MAXIMUM AMBIENT TEMPURE	40 ℃
22. BEARING LUBRICATION	GREASE
23. STARTING METHOD	FULL VOLTAGE



THREE PHASE INDUCTION MOTOR DATE SHEET

SCHEDULE OF TECHNICAL DATA

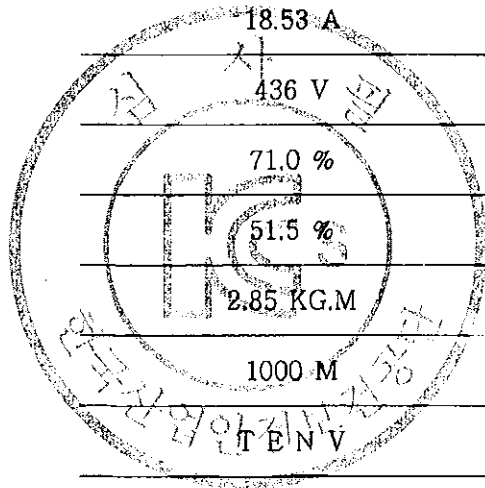
1. SERVICE	CREEP HOISTING
2. MANUFACTURE	극동호이스트 (주)
3. FRAME NUMBER	112 S
4. RATED POWER	1.1 KW x 8 P
5. RATED VOLTAGE AND FREQUENCY	460 V 60 Hz
6. MOTOR TYPE	SQUIRREL CAGE ROTOR TYPE
7. SERVICE FACTOR AND RATting	1.0 , 30 MIN
8. LOCATION AND INSULATION CLASS	INDOOR, OUTDOOR, B CLASS
9. DESIGN TRMPERATURE RISE(BY RESISTANCE)	80 ℃
10. FULL LOAD SPEED	846 RPM
11. FULL LOAD CURRENT	3.8 A
12. LOCKER ROTOR CURRENT	18.73 A
13. MINIMUM STARTING VOLTAGE	418 V
14. EFFICIENCY AT 100% RATED LOAD	71.0 %
15. POWER FACTOR AT 100% RATED LOAD	51.5 %
16. STARTING TORQUE	2.85 KG.M
17. SITE ALTITUDE(UNDER)	1000 M
18. ENCLOSURE & COOLING METHOD	PL : 6208zz OPL : 6006zz
19. TYPE OF BEARING	HORIZONTAL
20. MOUNTING	40 ℃
21. MAXIMUM AMBIENT TEMFURE	GREASE
22. BEARING LUBRICATION	FULL VOLTAGE
23. STARTING METHOD	



THREE PHASE INDUCTION MOTOR DATE SHEET

SCHEDULE OF TECHNICAL DATA

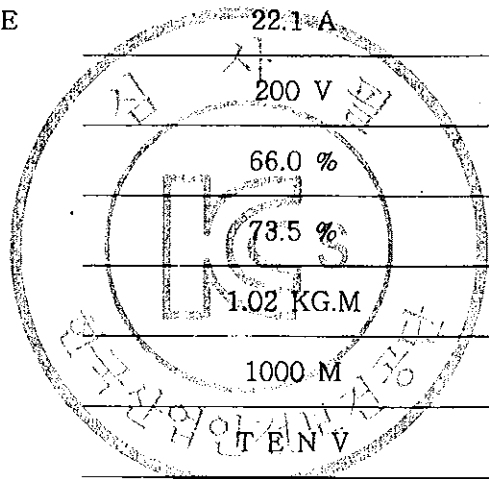
1. SERVICE	CREEP HOISTING
2. MANUFACTURE	극동호이스트 (주)
3. FRAME NUMBER	112 S
4. RATED POWER	1.1 KW x 8 P
5. RATED VOLTAGE AND FREQUENCY	480 V 60 Hz
6. MOTOR TYPE	SQUIRREL CAGE ROTOR TYPE
7. SERVICE FACTOR AND RATting	1.0 , 30 MIN
8. LOCATION AND INSULATION CLASS	INDOOR, OUTDOOR, B CLASS
9. DESIGN TRMPERATURE RISE(BY RESISTANCE)	80 ℃
10. FULL LOAD SPEED	846 RPM
11. FULL LOAD CURRENT	3.6 A
12. LOCKER ROTOR CURRENT	18.53 A
13. MINIMUM STARTING VOLTAGE	436 V
14. EFFICIENCY AT 100% RATED LOAD	71.0 %
15. POWER FACTOR AT 100% RATED LOAD	51.5 %
16. STARTING TORQUE	2.85 KG.M
17. SITE ALTITUDE(UNDER)	1000 M
18. ENCLOSURE & COOLING METHOD	TENV
19. TYPE OF BEARING	PL : 6208zz OPL : 6006zz
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

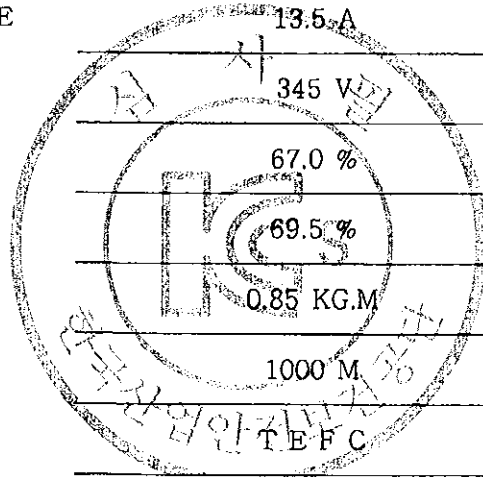
1. SERVICE	TRAVERSING
2. MANUFACTURE	극동호이스트 (주)
3. FRAME NUMBER	90 S
4. RATED POWER	0.75 KW x 4 P
5. RATED VOLTAGE AND FREQUENCY	220 V 60 Hz
6. MOTOR TYPE	SQUIRREL CAGE ROTOR TYPE
7. SERVICE FACTOR AND RATTING	1.0 , 30 MIN
8. LOCATION AND INSULATION CLASS	INDOOR, OUTDOOR, B CLASS
9. DESIGN TRMPERATURE RISE(BY RESISTANCE)	80 ℃
10. FULL LOAD SPEED	1764 RPM
11. FULL LOAD CURRENT	4.1 A
12. STARTING CURRENT AT RATED VOLTAGE	22.1 A
13. MINIMUM STARTING VOLTAGE	200 V
14. EFFICIENCY AT 100% RATED LOAD	66.0 %
15. POWER FACTOR AT 100% RATED LOAD	73.5 %
16. STARTING TORQUE	1.02 KG.M
17. SITE ALTTITUDE(UNDER)	1000-M
18. ENCLOSURE & COOLING METHOD	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

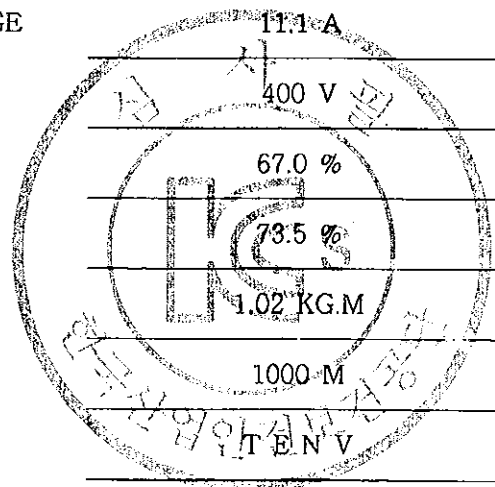
1. SERVICE	TRAVERSING
2. MANUFACTURE	극동호이스트 (주)
3. FRAME NUMBER	90 S
4. RATED POWER	0.75 KW x 4 P
5. RATED VOLTAGE AND FREQUENCY	380 V 60 Hz
6. MOTOR TYPE	SQUIRREL CAGE ROTOR TYPE
7. SERVICE FACTOR AND RATting	1.0 , 30 MIN
8. LOCATION AND INSULATION CLASS	INDOOR, OUTDOOR, B CLASS
9. DESIGN TRMPERATURE RISE(BY RESISTANCE)	80 ℃
10. FULL LOAD SPEED	1764 RPM
11. FULL LOAD CURRENT	2.4 A
12. STARTING CURRENT AT RATED VOLTAGE	13.5 A
13. MINIMUM STARTING VOLTAGE	345 V
14. EFFICIENCY AT 100% RATED LOAD	67.0 %
15. POWER FACTOR AT 100% RATED LOAD	69.5 %
16. STARTING 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

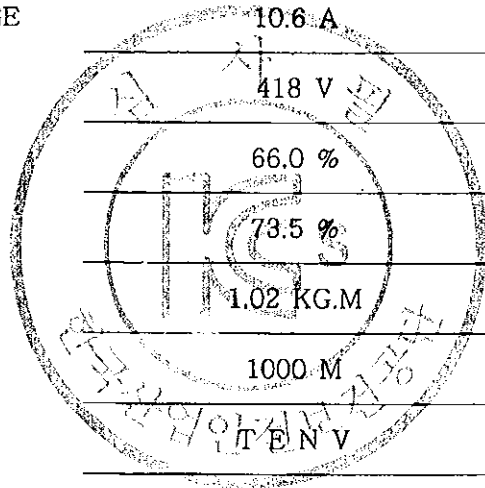
1. SERVICE	TRAVERSING
2. MANUFACTURE	극동호이스트 (주)
3. FRAME NUMBER	90 S
4. RATED POWER	0.75 KW x 4 P
5. RATED VOLTAGE AND FREQUENCY	440 V 60 Hz
6. MOTOR TYPE	SQUIRREL CAGE ROTOR TYPE
7. SERVICE FACTOR AND RATTING	1.0 , 30 MIN
8. LOCATION AND INSULATION CLASS	INDOOR, OUTDOOR, B CLASS
9. DESIGN TRMPERATURE RISE(BY RESISTANCE)	80 ℃
10. FULL LOAD SPEED	1764 RPM
11. FULL LOAD CURRENT	2.0 A
12. STARTING CURRENT AT RATED VOLTAGE	11.1 A
13. MINIMUM STARTING VOLTAGE	400 V
14. EFFICIENCY AT 100% RATED LOAD	67.0 %
15. POWER FACTOR AT 100% RATED LOAD	73.5 %
16. STARTING TORQUE	1.02 KG.M
17. SITE ALTITUDE(UNDER)	1000 M
18. ENCLOSURE & COOLING METHOD	TEN V
19. TYPE OF BEARING	PL : 6205zz OPL : 6204zz
20. MOUNTING	HORIZONTAL
21. MAXIMUM AMBIENT TEMPERE	40 ℃
22. BEARING LUBRICATION	GREASE
23. STARTING METHOD	FULL VOLTAGE



THREE PHASE INDUCTION MOTOR DATE SHEET

SCHEDULE OF TECHNICAL DATA

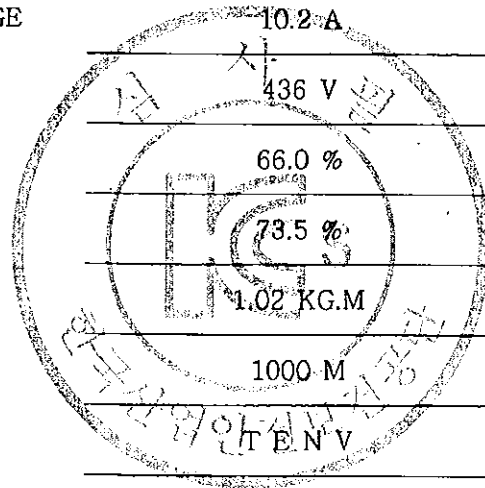
1. SERVICE	TRAVERSING
2. MANUFACTURE	극동호이스트 (주)
3. FRAME NUMBER	90 S
4. RATED POWER	0.75 KW x 4 P
5. RATED VOLTAGE AND FREQUENCY	460 V 60 Hz
6. MOTOR TYPE	SQUIRREL CAGE ROTOR TYPE
7. SERVICE FACTOR AND RATING	x 1.0 , 30 MIN
8. LOCATION AND INSULATION CLASS	INDOOR, OUTDOOR, B CLASS
9. DESIGN TRMPERATURE RISE(BY RESISTANCE)	80 °C
10. FULL LOAD SPEED	1764 RPM
11. FULL LOAD CURRENT	2.0 A
12. STARTING CURRENT AT RATED VOLTAGE	10.6 A
13. MINIMUM STARTING VOLTAGE	418 V
14. EFFICIENCY AT 100% RATED LOAD	66.0 %
15. POWER FACTOR AT 100% RATED LOAD	73.5 %
16. STARTING TORQUE	1.02 KG.M
17. SITE ALTITUDE(UNDER)	1000 M
18. ENCLOSURE & COOLING METHOD	TENV
19. TYPE OF BEARING	PL : 6205zz OPL : 6204zz
20. MOUNTING	HORIZONTAL
21. MAXIMUM AMBIENT TEMPURE	40 °C
22. BEARING LUBRICATION	GREASE
23. STARTING METHOD	FULL VOLTAGE



THREE PHASE INDUCTION MOTOR DATE SHEET

SCHEDULE OF TECHNICAL DATA

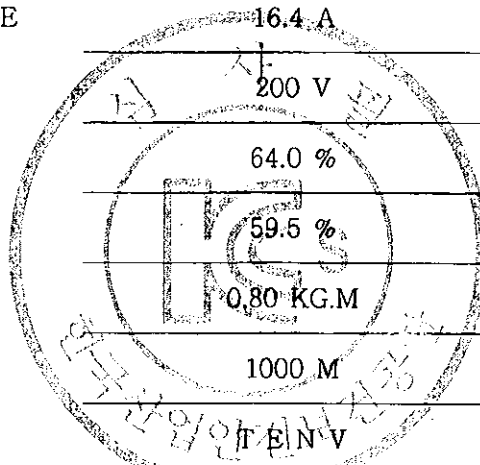
1. SERVICE	TRAVERSING
2. MANUFACTURE	극동호이스트 (주)
3. FRAME NUMBER	90 S
4. RATED POWER	0.75 KW x 4 P
5. RATED VOLTAGE AND FREQUENCY	480 V 60 Hz
6. MOTOR TYPE	SQUIRREL CAGE ROTOR TYPE
7. SERVICE FACTOR AND RATTING	1.0 , 30 MIN
8. LOCATION AND INSULATION CLASS	INDOOR, OUTDOOR, B CLASS
9. DESIGN TRMPERATURE RISE(BY RESISTANCE)	80 ℃
10. FULL LOAD SPEED	1764 RPM
11. FULL LOAD CURRENT	1.9 A
12. STARTING CURRENT AT RATED VOLTAGE	10.2 A
13. MINIMUM STARTING VOLTAGE	436 V
14. EFFICIENCY AT 100% RATED LOAD	66.0 %
15. POWER FACTOR AT 100% RATED LOAD	73.5 %
16. STARTING TORQUE	1.02 KG.M
17. SITE ALTITUDE(UNDER)	1000 M
18. ENCLOSURE & COOLING METHOD	TENV
19. TYPE OF BEARING	PL : 6205zz OPL : 6204zz
20. MOUNTING	HORIZONTAL
21. MAXIMUM AMBIENT TEMPURE	40 ℃
22. BEARING LUBRICATION	GREASE
23. STARTING METHOD	FULL VOLTAGE



THREE PHASE INDUCTION MOTOR DATE SHEET

SCHEDULE OF TECHNICAL DATA

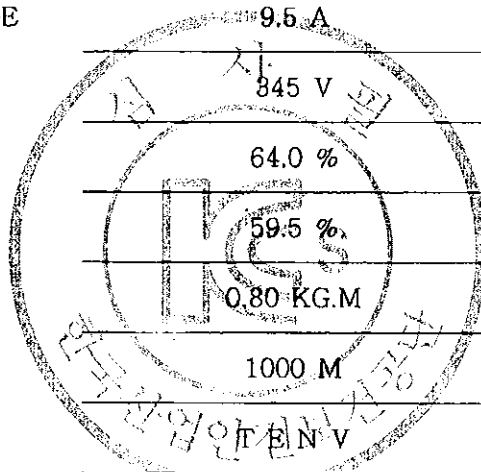
1. SERVICE	TRAVERSING
2. MANUFACTURE	극동호이스트 (주)
3. FRAME NUMBER	90 S
4. RATED POWER	0.5 KW x 6 P
5. RATED VOLTAGE AND FREQUENCY	220 V 60 Hz
6. MOTOR TYPE	SQUIRREL CAGE ROTOR TYPE
7. SERVICE FACTOR AND RATting	1.0 , 30 MIN
8. LOCATION AND INSULATION CLASS	INDOOR, OUTDOOR, B CLASS
9. DESIGN TRMPERATURE RISE(BY RESISTANCE)	80 ℃
10. FULL LOAD SPEED	1176 RPM
11. FULL LOAD CURRENT	3.4 A
12. STARTING CURRENT AT RATED VOLTAGE	16.4 A
13. MINIMUM STARTING VOLTAGE	200 V
14. EFFICIENCY AT 100% RATED LOAD	64.0 %
15. POWER FACTOR AT 100% RATED LOAD	59.5 %
16. STARTING TORQUE	0.80 KG.M
17. SITE ALTITUDE(UNDER)	1000 M
18. ENCLOSURE & COOLING METHOD	ENV
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

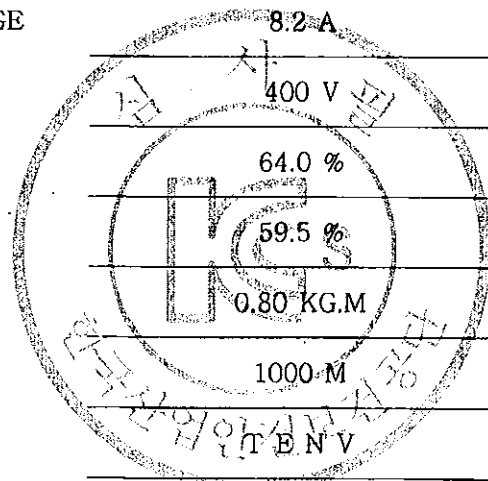
1. SERVICE	TRAVERSING
2. MANUFACTURE	극동호이스트 (주)
3. FRAME NUMBER	90 S
4. RATED POWER	0.5 KW x 6 P
5. RATED VOLTAGE AND FREQUENCY	380 V 60 Hz
6. MOTOR TYPE	SQUIRREL CAGE ROTOR TYPE
7. SERVICE FACTOR AND RATting	1.0 , 30 MIN
8. LOCATION AND INSULATION CLASS	INDOOR, OUTDOOR, B CLASS
9. DESIGN TRMPERATURE RISE(BY RESISTANCE)	80 ℃
10. FULL LOAD SPEED	1176 RPM
11. FULL LOAD CURRENT	2.0 A
12. STARTING CURRENT AT RATED VOLTAGE	9.5 A
13. MINIMUM STARTING VOLTAGE	845 V
14. EFFICIENCY AT 100% RATED LOAD	64.0 %
15. POWER FACTOR AT 100% RATED LOAD	59.5 %
16. STARTING TORQUE	0.80 KG.M
17. SITE ALTITUDE(UNDER)	1000 M
18. ENCLOSURE & COOLING METHOD	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

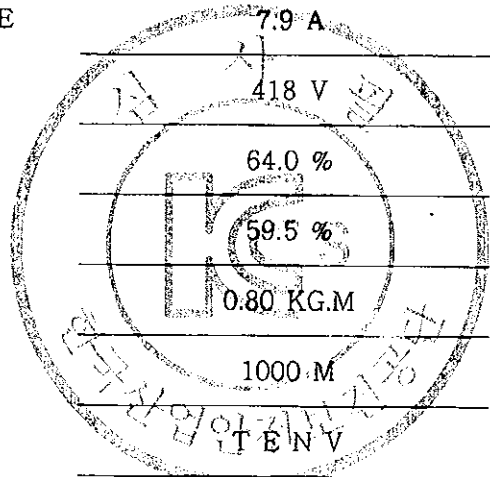
1. SERVICE	TRAVERSING
2. MANUFACTURE	국동호이스트 (주)
3. FRAME NUMBER	90 S
4. RATED POWER	0.5 KW x 6 P
5. RATED VOLTAGE AND FREQUENCY	440 V 60 Hz
6. MOTOR TYPE	SQUIRREL CAGE ROTOR TYPE
7. SERVICE FACTOR AND RATTING	1.0 , 30 MIN
8. LOCATION AND INSULATION CLASS	INDOOR, OUTDOOR, B CLASS
9. DESIGN TRMPERATURE RISE(BY RESISTANCE)	80 ℃
10. FULL LOAD SPEED	1176 RPM
11. FULL LOAD CURRENT	1.7 A
12. STARTING CURRENT AT RATED VOLTAGE	8.2 A
13. MINIMUM STARTING VOLTAGE	400 V
14. EFFICIENCY AT 100% RATED LOAD	64.0 %
15. POWER FACTOR AT 100% RATED LOAD	59.5 %
16. STARTING TORQUE	0.80 KG.M
17. SITE ALTITUDE(UNDER)	1000-M
18. ENCLOSURE & COOLING METHOD	PL : 6205zz OPL : 6204zz
19. TYPE OF BEARING	HORIZONTAL
20. MOUNTING	40 ℃
21. MAXIMUM AMBIENT TEMPRE	GREASE
22. BEARING LUBRICATION	FULL VOLTAGE
23. STARTING METHOD	



THREE PHASE INDUCTION MOTOR DATE SHEET

SCHEDULE OF TECHNICAL DATA

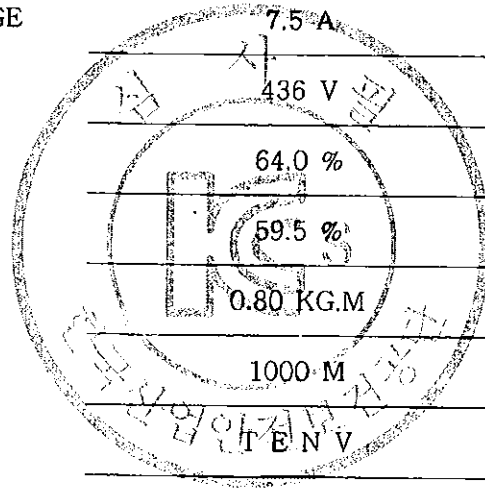
1. SERVICE	TRAVERSING
2. MANUFACTURE	극동호이스트 (주)
3. FRAME NUMBER	90 S
4. RATED POWER	0.5 KW x 6 P
5. RATED VOLTAGE AND FREQUENCY	460 V 60 Hz
6. MOTOR TYPE	SQUIRREL CAGE ROTOR TYPE
7. SERVICE FACTOR AND RATING	1.0 , 30 MIN
8. LOCATION AND INSULATION CLASS	INDOOR, OUTDOOR, B CLASS
9. DESIGN TEMPERATURE RISE(BY RESISTANCE)	80 °C
10. FULL LOAD SPEED	1176 RPM
11. FULL LOAD CURRENT	1.7 A
12. STARTING CURRENT AT RATED VOLTAGE	7.9 A
13. MINIMUM STARTING VOLTAGE	418 V
14. EFFICIENCY AT 100% RATED LOAD	64.0 %
15. POWER FACTOR AT 100% RATED LOAD	59.5 %
16. STARTING TORQUE	0.80 KG.M
17. SITE ALTITUDE(UNDER)	1000 M
18. ENCLOSURE & COOLING METHOD	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

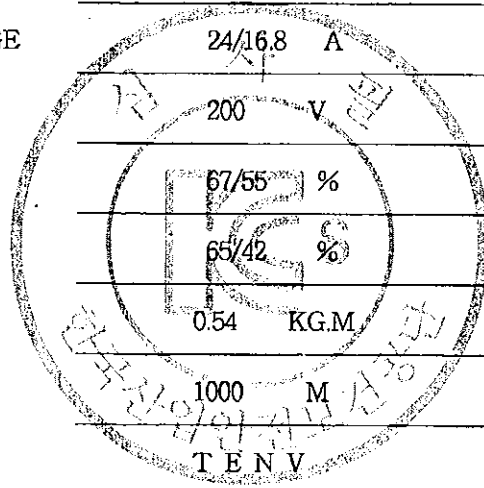
1. SERVICE	TRAVERSING
2. MANUFACTURE	극동호이스트 (주)
3. FRAME NUMBER	90 S
4. RATED POWER	0.5 KW x 6 P
5. RATED VOLTAGE AND FREQUENCY	480 V 60 Hz
6. MOTOR TYPE	SQUIRREL CAGE ROTOR TYPE
7. SERVICE FACTOR AND RATTING	1.0 , 30 MIN
8. LOCATION AND INSULATION CLASS	INDOOR, OUTDOOR, B CLASS
9. DESIGN TRMPERATURE RISE(BY RESISTANCE)	80 ℃
10. FULL LOAD SPEED	1176 RPM
11. FULL LOAD CURRENT	1.6 A
12. STARTING CURRENT AT RATED VOLTAGE	7.5 A
13. MINIMUM STARTING VOLTAGE	436 V
14. EFFICIENCY AT 100% RATED LOAD	64.0 %
15. POWER FACTOR AT 100% RATED LOAD	59.5 %
16. STARTING TORQUE	0.80 KG.M
17. SITE ALTITUDE(UNDER)	1000-M
18. ENCLOSURE & COOLING METHOD	TENV
19. TYPE OF BEARING	PL : 6205zz OPL : 6204zz
20. MOUNTING	HORIZONTAL
21. MAXIMUM AMBIENT TEMPURE	40 ℃
22. BEARING LUBRICATION	GREASE
23. STARTING METHOD	FULL VOLTAGE



THREE PHASE INDUCTION MOTOR DATE SHEET

SCHEDULE OF TECHNICAL DATA

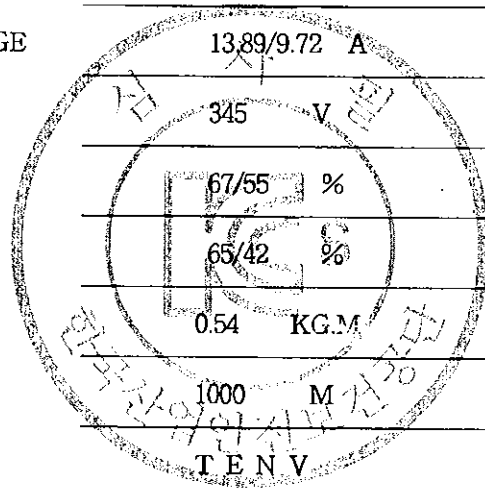
1. SERVICE	TRAVERSING
2. MANUFACTURE	극동호이스트(주)
3. FRAME NUMBER	90 L
4. RATED POWER	0.8/0.4 KW x 4/8 P
5. RATED VOLTAGE AND FREQUENCY	220 V 60 Hz
6. MOTOR TYPE	SQUIRREL CAGE ROTOR TYPE
7. SERVICE FACTOR AND RATting	1.0 , 30 MIN
8. LOCATION AND INSULATION CLASS	INDOOR, OUTDOOR, B CLASS
9. DESIGN TRMPERATURE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

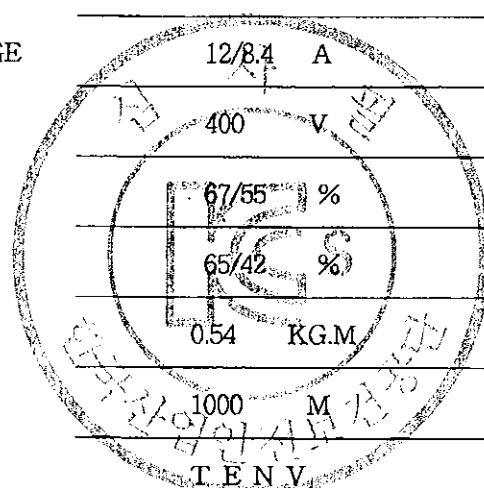
1. SERVICE	TRAVERSING
2. MANUFACTURE	극동호이스트(주)
3. FRAME NUMBER	90 L
4. RATED POWER	0.8/0.4 KW x 4/8 P
5. RATED VOLTAGE AND FREQUENCY	380 V 60 Hz
6. MOTOR TYPE	SQUIRREL CAGE ROTOR TYPE
7. SERVICE FACTOR AND RATTING	1.0 , 30 MIN
8. LOCATION AND INSULATION CLASS	INDOOR, OUTDOOR, B CLASS
9. DESIGN TRMPERATURE RISE(BY RESISTANCE)	80 °C
10. FULL LOAD SPEED	1710/810 RPM
11. FULL LOAD CURRENT	2.78/2.62 A
12. STARTING CURRENT AT RATED VOLTAGE	13.89/9.72 A
13. MINIMUM STARTING VOLTAGE	345 V
14. EFFICIENCY AT 100% RATED LOAD	67/55 %
15. POWER FACTOR AT 100% RATED LOAD	65/42 %
16. STARTING TOPQUE	0.54 KG.M
17. SITE ALTTITUDE(UNDER)	1000 M
18. ENCLOSURE & COOLING METHOD	TEN V
19. TYPE OF BEARING	PL : 6205zz OPL : 6204zz
20. MOUNTING	HORIZONTAL
21. MAXIMUM AMBIENT TEMPURE	40 °C
22. BEARING LUBRICATION	GREASE
23. STARTING METHOD	FULL VOLTAGE



THREE PHASE INDUCTION MOTOR DATE SHEET

SCHEDULE OF TECHNICAL DATA

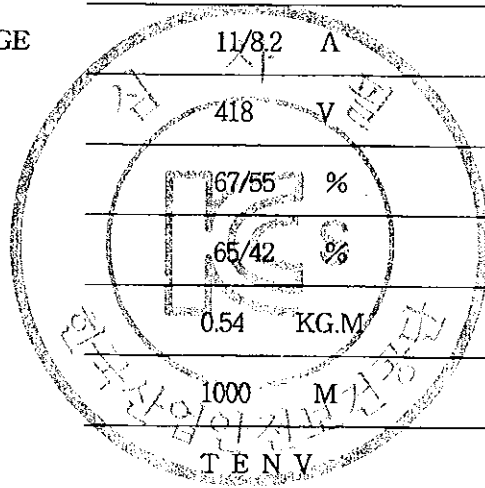
1. SERVICE	TRAVERSING
2. MANUFACTURE	극동호이스트(주)
3. FRAME NUMBER	90 L
4. RATED POWER	0.8/0.4 KW x 4/8 P
5. RATED VOLTAGE AND FREQUENCY	440 V 60 Hz
6. MOTOR TYPE	SQUIRREL CAGE ROTOR TYPE
7. SERVICE FACTOR AND RATting	1.0 , 30 MIN
8. LOCATION AND INSULATION CLASS	INDOOR, OUTDOOR, B CLASS
9. DESIGN TRMPERATURE RISE(BY RESISTANCE)	80 °C
10. FULL LOAD SPEED	1710/810 RPM
11. FULL LOAD CURRENT	2.4/2.27 A
12. STARTING CURRENT AT RATED VOLTAGE	12/8.4 A
13. MINIMUM STARTING VOLTAGE	400 V
14. EFFICIENCY AT 100% RATED LOAD	67/55 %
15. POWER FACTOR AT 100% RATED LOAD	65/42 %
16. STARTING TORQUE	0.54 K.G.M
17. SITE ALTTITUDE(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 °C
22. BEARING LUBRICATION	GREASE
23. STARTING METHOD	FULL VOLTAGE



THREE PHASE INDUCTION MOTOR DATE SHEET

SCHEDULE OF TECHNICAL DATA

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

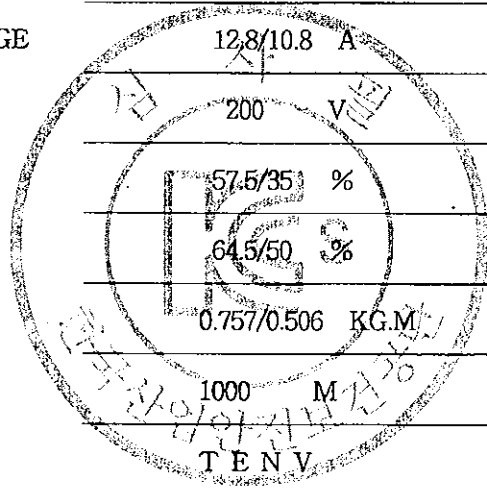
SCHEDULE OF TECHNICAL DATA

1. SERVICE	TRAVERSING
2. MANUFACTURE	극동호이스트(주)
3. FRAME NUMBER	90 L
4. RATED POWER	0.8/0.4 KW x 4/8 P
5. RATED VOLTAGE AND FREQUENCY	480 V 60 Hz
6. MOTOR TYPE	SQUIRREL CAGE ROTOR TYPE
7. SERVICE FACTOR AND RATTING	1.0 , 30 MIN
8. LOCATION AND INSULATION CLASS	INDOOR, OUTDOOR, B CLASS
9. DESIGN TRMPERATURE RISE(BY RESISTANCE)	80 ℃
10. FULL LOAD SPEED	1710/810 RPM
11. FULL LOAD CURRENT	1.9/1.75 A
12. STARTING CURRENT AT RATED VOLTAGE	9.4/7.1 A
13. MINIMUM STARTING VOLTAGE	436 V
14. EFFICIENCY AT 100% RATED LOAD	67/55 %
15. POWER FACTOR AT 100% RATED LOAD	65/42 %
16. STARTING TORQUE	0.54 KG.M
17. SITE 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 L
4. RATED POWER	0.5/025 KW x 6/12 P
5. RATED VOLTAGE AND FREQUENCY	220 V 60 Hz
6. MOTOR TYPE	SQUIRREL CAGE ROTOR TYPE
7. SERVICE FACTOR AND RATTING	1.0 , 30 MIN
8. LOCATION AND INSULATION CLASS	INDOOR, OUTDOOR, B CLASS
9. DESIGN TRMPERATURE RISE(BY RESISTANCE)	80 ℃
10. FULL LOAD SPEED	1050/460 RPM
11. FULL LOAD CURRENT	3.2/3.6 A
12. STARTING CURRENT AT RATED VOLTAGE	12.8/10.8 A
13. MINIMUM STARTING VOLTAGE	200 V
14. EFFICIENCY AT 100% RATED LOAD	57.5/35 %
15. POWER FACTOR AT 100% RATED LOAD	64.5/50 %
16. STARTING TORQUE	0.757/0.506 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

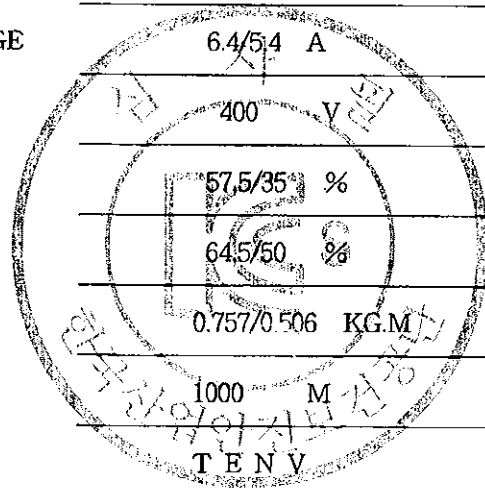
SCHEDULE OF TECHNICAL DATA

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	380 V 60 Hz
6. MOTOR TYPE	SQUIRREL CAGE ROTOR TYPE
7. SERVICE FACTOR AND RATting	1.0 , 30 MIN
8. LOCATION AND INSULATION CLASS	INDOOR, OUTDOOR, B CLASS
9. DESIGN TRMPERATURE RISE(BY RESISTANCE)	80 °C
10. FULL LOAD SPEED	1050/460 RPM
11. FULL LOAD CURRENT	1.85/2.08 A
12. STARTING CURRENT AT RATED VOLTAGE	7.41/6.25 A
13. MINIMUM STARTING VOLTAGE	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 ALTTITUDE(UNDER)	1000 M
18. ENCLOSURE & COOLING METHOD	TEN V
19. TYPE OF BEARING	PL : 6205zz OPL : 6204zz
20. MOUNTING	HORIZONTAL
21. MAXIMUM AMBIENT TEMPURE	40 °C
22. BEARING LUBRICATION	GREASE
23. STARTING METHOD	FULL VOLTAGE

THREE PHASE INDUCTION MOTOR DATE SHEET

SCHEDULE OF TECHNICAL DATA

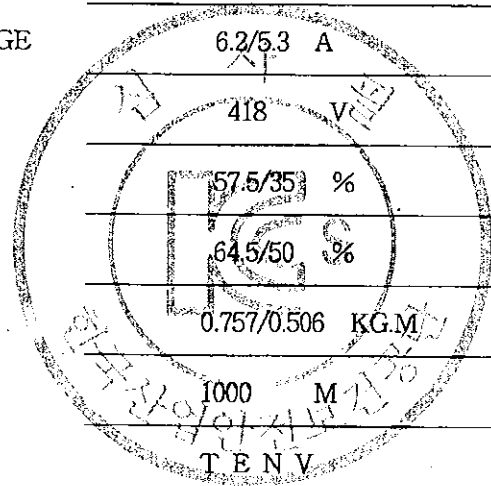
1. SERVICE	TRAVERSING
2. MANUFACTURE	극동호이스트(주)
3. FRAME NUMBER	90 L
4. RATED POWER	0.5/025 KW x 6/12 P
5. RATED VOLTAGE AND FREQUENCY	440 V 60 Hz
6. MOTOR TYPE	SQUIRREL CAGE ROTOR TYPE
7. SERVICE FACTOR AND RATting	1.0 , 30 MIN
8. LOCATION AND INSULATION CLASS	INDOOR, OUTDOOR, B CLASS
9. DESIGN TRMPERATURE RISE(BY RESISTANCE)	80 ℃
10. FULL LOAD SPEED	1050/460 RPM
11. FULL LOAD CURRENT	1.6/1.8 A
12. STARTING CURRENT AT RATED VOLTAGE	6.4/5.4 A
13. MINIMUM STARTING VOLTAGE	400 V
14. EFFICIENCY AT 100% RATED LOAD	57.5/35 %
15. POWER FACTOR AT 100% RATED LOAD	64.5/50 %
16. STARTING TORQUE	0.757/0.506 KG.M
17. SITE ALTTITUDE(UNDER)	1000 M
18. ENCLOSURE & COOLING METHOD	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

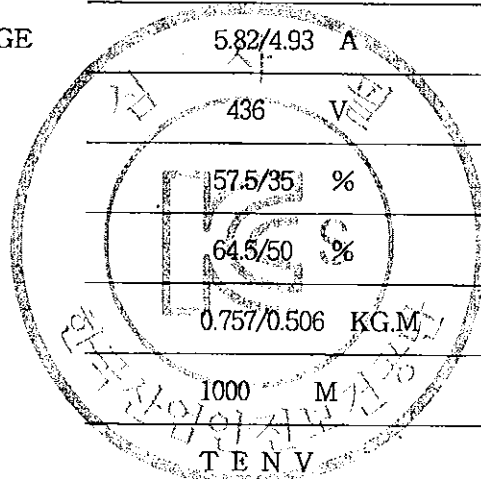
1. SERVICE	TRAVERSING
2. MANUFACTURE	국동호이스트(주)
3. FRAME NUMBER	90 L
4. RATED POWER	0.5/025 KW x 6/12 P
5. RATED VOLTAGE AND FREQUENCY	460 V 60 Hz
6. MOTOR TYPE	SQUIRREL CAGE ROTOR TYPE
7. SERVICE FACTOR AND RATTING	1.0 , 30 MIN
8. LOCATION AND INSULATION CLASS	INDOOR, OUTDOOR, B CLASS
9. DESIGN TRMPERATURE RISE(BY RESISTANCE)	80 °C
10. FULL LOAD SPEED	1050/460 RPM
11. FULL LOAD CURRENT	1.5/1.72 A
12. STARTING CURRENT AT RATED VOLTAGE	6.2/5.3 A
13. MINIMUM STARTING VOLTAGE	418 V
14. EFFICIENCY AT 100% RATED LOAD	57.5/35 %
15. POWER FACTOR AT 100% RATED LOAD	64.5/50 %
16. STARTING TORQUE	0.757/0.506 KG.M
17. SITE ALTTITUDE(UNDER)	1000 M
18. ENCLOSURE & COOLING METHOD	TENV
19. TYPE OF BEARING	PL : 6205zz OPL : 6204zz
20. MOUNTING	HORIZONTAL
21. MAXIMUM AMBIENT TEMPURE	40 °C
22. BEARING LUBRICATION	GREASE
23. STARTING METHOD	FULL VOLTAGE



THREE PHASE INDUCTION MOTOR DATE SHEET

SCHEDULE OF TECHNICAL DATA

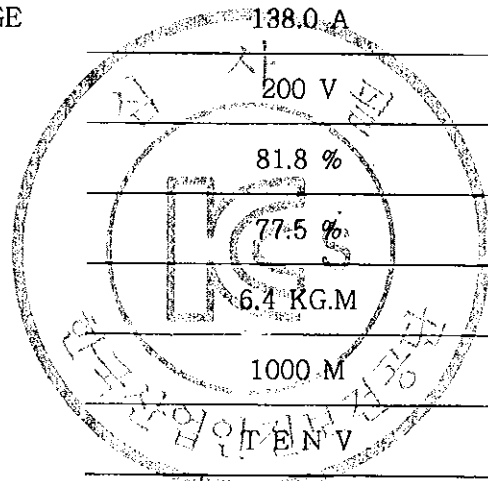
1. SERVICE	TRAVERSING
2. MANUFACTURE	극동호이스트(주)
3. FRAME NUMBER	90 L
4. RATED POWER	0.5/025 KW x 6/12 P
5. RATED VOLTAGE AND FREQUENCY	480 V 60 Hz
6. MOTOR TYPE	SQUIRREL CAGE ROTOR TYPE
7. SERVICE FACTOR AND RATTING	1.0 , 30 MIN
8. LOCATION AND INSULATION CLASS	INDOOR, OUTDOOR, B CLASS
9. DESIGN TRMPERATURE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

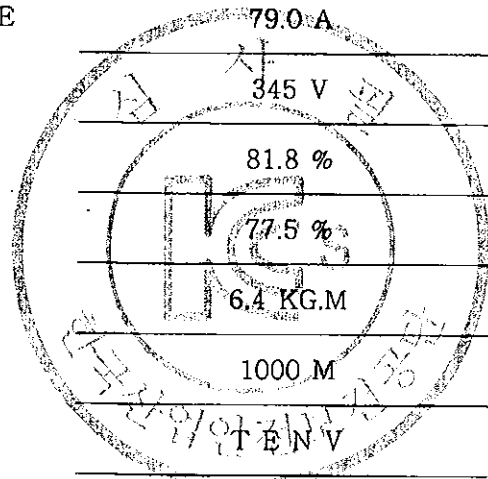
1. SERVICE	AUX HOISTING
2. MANUFACTURE	극동호이스트 (주)
3. FRAME NUMBER	112 M
4. RATED POWER	5.5 KW x 4 P
5. RATED VOLTAGE AND FREQUENCY	220 V 60 Hz
6. MOTOR TYPE	SQUIRREL CAGE ROTOR TYPE
7. SERVICE FACTOR AND RATting	1 : 0 , 30 MIN
8. LOCATION AND INSULATION CLASS	INDOOR, OUTDOOR, B CLASS
9. DESIGN TRMPERATURE RISE(BY RESISTANCE)	80 ℃
10. FULL LOAD SPEED	1674 RPM
11. FULL LOAD CURRENT	22.8 A
12. STARTING CURRENT AT RATED VOLTAGE	138.0 A
13. MINIMUM STARTING VOLTAGE	200 V
14. EFFICIENCY AT 100% RATED LOAD	81.8 %
15. POWER FACTOR AT 100% RATED LOAD	77.5 %
16. STARTING TORQUE	6.4 KG.M
17. SITE ALTITUDE(UNDER)	1000 M
18. ENCLOSURE & COOLING METHOD	PL : 6206zz OPL : 6206zz
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

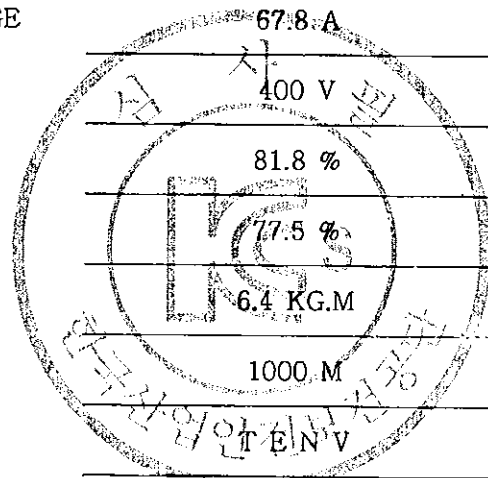
1. SERVICE	AUX HOISTING
2. MANUFACTURE	극동호이스트 (주)
3. FRAME NUMBER	112 M
4. RATED POWER	5.5 KW x 4 P
5. RATED VOLTAGE AND FREQUENCY	380 V 60 Hz
6. MOTOR TYPE	SQUIRREL CAGE ROTOR TYPE
7. SERVICE FACTOR AND RATTING	1.0 , 30 MIN
8. LOCATION AND INSULATION CLASS	INDOOR, OUTDOOR, B CLASS
9. DESIGN TRMPERATURE RISE(BY RESISTANCE)	80 ℃
10. FULL LOAD SPEED	1674 RPM
11. FULL LOAD CURRENT	12.2 A
12. STARTING CURRENT AT RATED VOLTAGE	79.0 A
13. MINIMUM STARTING VOLTAGE	345 V
14. EFFICIENCY AT 100% RATED LOAD	81.8 %
15. POWER FACTOR AT 100% RATED LOAD	77.5 %
16. STARTING TORQUE	6.4 KG.M
17. SITE ALTTITUDE(UNDER)	1000 M
18. ENCLOSURE & COOLING METHOD	PL : 6206zz OPL : 6206zz
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

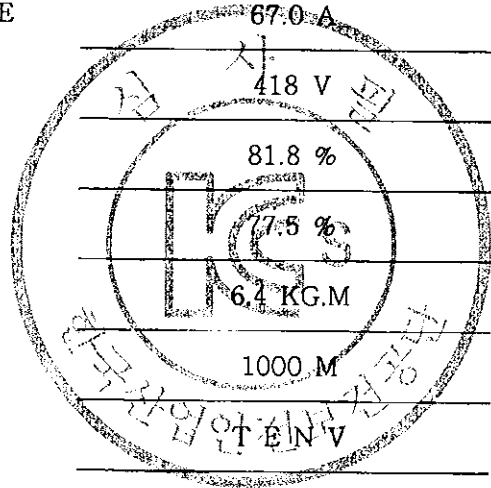
1. SERVICE	AUX HOISTING
2. MANUFACTURE	극동호이스트 (주)
3. FRAME NUMBER	112 M
4. RATED POWER	5.5 KW x 4 P
5. RATED VOLTAGE AND FREQUENCY	440 V 60 Hz
6. MOTOR TYPE	SQUIRREL CAGE ROTOR TYPE
7. SERVICE FACTOR AND RATting	1.0 , 30 MIN
8. LOCATION AND INSULATION CLASS	INDOOR, OUTDOOR, B CLASS
9. DESIGN TRMPERATURE RISE(BY RESISTANCE)	80 ℃
10. FULL LOAD SPEED	1674 RPM
11. FULL LOAD CURRENT	10.5 A
12. STARTING CURRENT AT RATED VOLTAGE	67.8 A
13. MINIMUM STARTING VOLTAGE	400 V
14. EFFICIENCY AT 100% RATED LOAD	81.8 %
15. POWER FACTOR AT 100% RATED LOAD	77.5 %
16. STARTING TORQUE	6.4 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 TEMFURE / 2011-01-31 08:27:20	40 ℃
22. BEARING LUBRICATION	GREASE
23. STARTING METHOD	FULL VOLTAGE



THREE PHASE INDUCTION MOTOR DATE SHEET

SCHEDULE OF TECHNICAL DATA

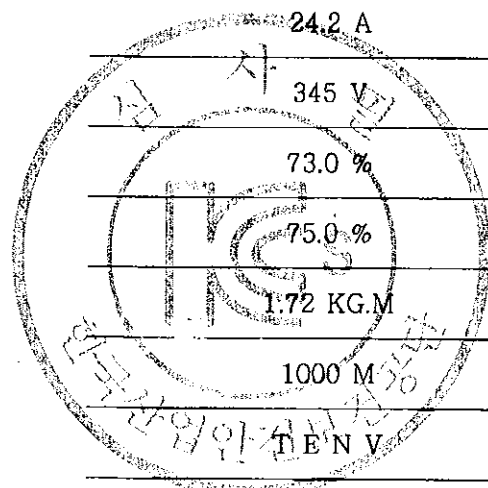
1. SERVICE	AUX HOISTING
2. MANUFACTURE	극동호이스트 (주)
3. FRAME NUMBER	112 M
4. RATED POWER	5.5 KW x 4 P
5. RATED VOLTAGE AND FREQUENCY	460 V 60 Hz
6. MOTOR TYPE	SQUIRREL CAGE ROTOR TYPE
7. SERVICE FACTOR AND RATTING	1.0 , 30 MIN
8. LOCATION AND INSULATION CLASS	INDOOR, OUTDOOR, B CLASS
9. DESIGN TRMPERATURE RISE(BY RESISTANCE)	80 ℃
10. FULL LOAD SPEED	1674 RPM
11. FULL LOAD CURRENT	10.0 A
12. STARTING CURRENT AT RATED VOLTAGE	67.0 A
13. MINIMUM STARTING VOLTAGE	418 V
14. EFFICIENCY AT 100% RATED LOAD	81.8 %
15. POWER FACTOR AT 100% RATED LOAD	77.5 %
16. STARTING TORQUE	6.4 KG.M
17. SITE ALTTITUDE(UNDER)	1000 M
18. ENCLOSURE & COOLING METHOD	
19. TYPE OF BEARING	PL : 6206zz OPL : 6206zz
20. MOUNTING	HORIZONTAL
21. MAXIMUM AMBIENT TEMPRE	40 ℃
22. BEARING LUBRICATION	GREASE
23. STARTING METHOD	FULL VOLTAGE



THREE PHASE INDUCTION MOTOR DATE SHEET

SCHEDULE OF TECHNICAL DATA

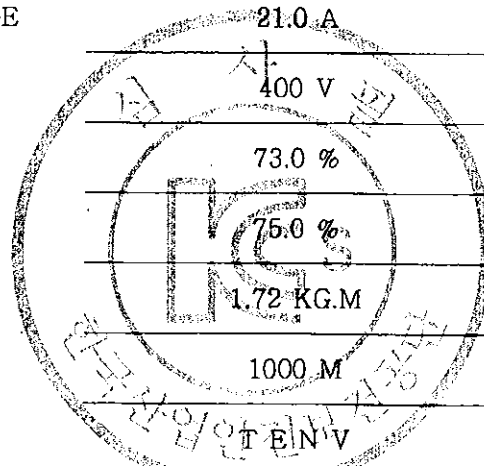
1. SERVICE	AUX CREEP HOISTING
2. MANUFACTURE	극동호이스트 (주)
3. FRAME NUMBER	90 L
4. RATED POWER	1.5 KW x 4 P
5. RATED VOLTAGE AND FREQUENCY	380 V 60 Hz
6. MOTOR TYPE	SQUIRREL CAGE ROTOR TYPE
7. SERVICE FACTOR AND RATTING	1.0 F, 30 MIN
8. LOCATION AND INSULATION CLASS	INDOOR, OUTDOOR, B CLASS
9. DESIGN TRMPERATURE RISE(BY RESISTANCE)	80 °C
10. FULL LOAD SPEED	1674 RPM
11. FULL LOAD CURRENT	4.2 A
12. LOCKED ROTOR CURRENT	24.2 A
13. MINIMUM STARTING VOLTAGE	345 V
14. EFFICIENCY AT 100% RATED LOAD	73.0 %
15. POWER FACTOR AT 100% RATED LOAD	75.0 %
16. FULL LOAD TORQUE	1.72 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 TEMPREURE	40 °C
22. BEARING LUBRICATION	GREASE
23. STARTING METHOD	FULL VOLTAGE



THREE PHASE INDUCTION MOTOR DATE SHEET

SCHEDULE OF TECHNICAL DATA

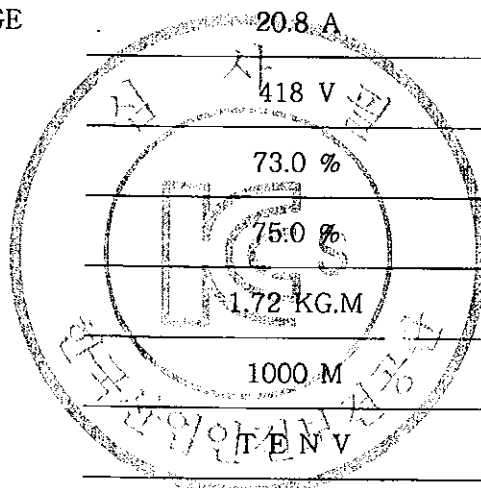
1. SERVICE	AUX CREEP HOISTING
2. MANUFACTURE	극동호이스트 (주)
3. FRAME NUMBER	90 L
4. RATED POWER	1.5 KW x 4 P
5. RATED VOLTAGE AND FREQUENCY	440 V 60 Hz
6. MOTOR TYPE	SQUIRREL CAGE ROTOR TYPE
7. SERVICE FACTOR AND RATting	1.0 , 30 MIN
8. LOCATION AND INSULATION CLASS	INDOOR, OUTDOOR, B CLASS
9. DESIGN TRMPERATURE RISE(BY RESISTANCE)	80 ℃
10. FULL LOAD SPEED	1674 RPM
11. FULL LOAD CURRENT	3.7A
12. STARTING CURRENT AT RATED VOLTAGE	21.0 A
13. MINIMUM STARTING VOLTAGE	400 V
14. EFFICIENCY AT 100% RATED LOAD	73.0 %
15. POWER FACTOR AT 100% RATED LOAD	75.0 %
16. STARTING TORQUE	1.72 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 TEMPEURE	40 ℃
22. BEARING LUBRICATION	GREASE
23. STARTING METHOD	FULL VOLTAGE



THREE PHASE INDUCTION MOTOR DATE SHEET

SCHEDULE OF TECHNICAL DATA

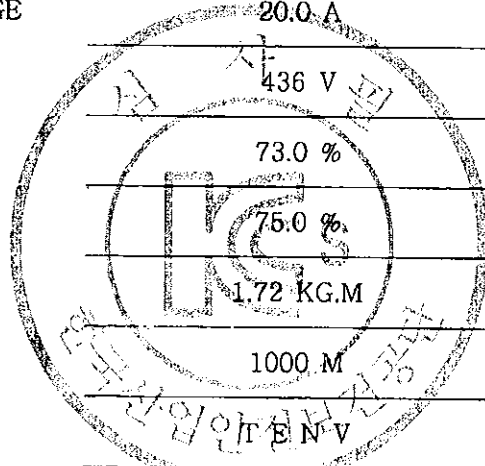
1. SERVICE	AUX CREEP HOISTING
2. MANUFACTURE	극동호이스트 (주)
3. FRAME NUMBER	90 L
4. RATED POWER	1.5 KW x 4 P
5. RATED VOLTAGE AND FREQUENCY	460 V 60 Hz
6. MOTOR TYPE	SQUIRREL CAGE ROTOR TYPE
7. SERVICE FACTOR AND RATting	1.0 , 30 MIN
8. LOCATION AND INSULATION CLASS	INDOOR, OUTDOOR, B CLASS
9. DESIGN TRMPERATURE RISE(BY RESISTANCE)	80 ℃
10. FULL LOAD SPEED	1674 RPM
11. FULL LOAD CURRENT	3.5A
12. STARTING CURRENT AT RATED VOLTAGE	20.8 A
13. MINIMUM STARTING VOLTAGE	418 V
14. EFFICIENCY AT 100% RATED LOAD	73.0 %
15. POWER FACTOR AT 100% RATED LOAD	75.0 %
16. STARTING TORQUE	1.72 KG.M
17. SITE ALTTITUDE(UNDER)	1000 M
18. ENCLOSURE & COOLING METHOD	ENV
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

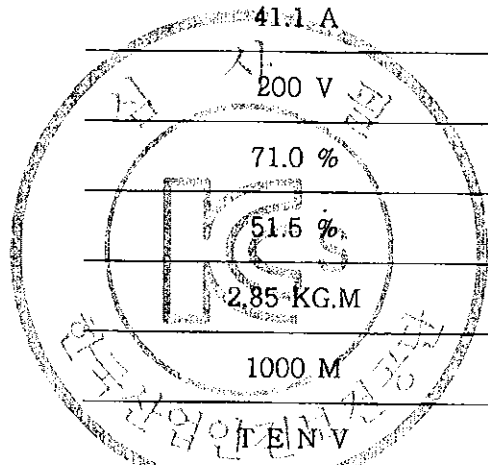
1. SERVICE	AUX CREEP HOISTING
2. MANUFACTURE	극동호이스트 (주)
3. FRAME NUMBER	90 L
4. RATED POWER	1.5 KW x 4 P
5. RATED VOLTAGE AND FREQUENCY	480 V 60 Hz
6. MOTOR TYPE	SQUIRREL CAGE ROTOR TYPE
7. SERVICE FACTOR AND RATTING	1.0 , 30 MIN
8. LOCATION AND INSULATION CLASS	INDOOR, OUTDOOR, B CLASS
9. DESIGN TRMPERATURE RISE(BY RESISTANCE)	80 °C
10. FULL LOAD SPEED	1674 RPM
11. FULL LOAD CURRENT	3.4A
12. STARTING CURRENT AT RATED VOLTAGE	20.0 A
13. MINIMUM STARTING VOLTAGE	436 V
14. EFFICIENCY AT 100% RATED LOAD	73.0 %
15. POWER FACTOR AT 100% RATED LOAD	75.0 %
16. STARTING TORQUE	1.72 KG.M
17. SITE ALTITUDE(UNDER)	1000 M
18. ENCLOSURE & COOLING METHOD	TEFC EN-V
19. TYPE OF BEARING	PL : 6205zz OPL : 6204zz
20. MOUNTING	HORIZONTAL
21. MAXIMUM AMBIENT TEMPURE	40 °C
22. BEARING LUBRICATION	GREASE
23. STARTING METHOD	FULL VOLTAGE



THREE PHASE INDUCTION MOTOR DATE SHEET

SCHEDULE OF TECHNICAL DATA

1. SERVICE	CREEP HOISTING
2. MANUFACTURE	극동호이스트 (주)
3. FRAME NUMBER	112 S
4. RATED POWER	1.1 KW x 8 P
5. RATED VOLTAGE AND FREQUENCY	220 V 60 Hz
6. MOTOR TYPE	SQUIRREL CAGE ROTOR TYPE
7. SERVICE FACTOR AND RATting	1.0 , 30 MIN
8. LOCATION AND INSULATION CLASS	INDOOR, OUTDOOR, B CLASS
9. DESIGN TRMPERATURE RISE(BY RESISTANCE)	80 ℃
10. FULL LOAD SPEED	846 RPM
11. FULL LOAD CURRENT	8.0 A
12. LOCKED ROTOR CURRENT	41.1 A
13. MINIMUM STARTING VOLTAGE	200 V
14. EFFICIENCY AT 100% RATED LOAD	71.0 %
15. POWER FACTOR AT 100% RATED LOAD	51.5 %
16. STARTING TORQUE	2.85 KG.M
17. SITE ALTITUDE(UNDER)	1000 M
18. ENCLOSURE & COOLING METHOD	TE N V
19. TYPE OF BEARING	PL : 6208zz OPL : 6206zz
20. MOUNTING	HORIZONTAL
21. MAXIMUM AMBIENT TEMPURE	40 ℃
22. BEARING LUBRICATION	GREASE
23. STARTING METHOD	FULL VOLTAGE



ORIGINAL



No.600 Chuangye Road, Qingdao Development Zone, Shangdong, P.R.China
Tel : 86-532-86821916, Fax : 86-532-86821949 www.kiswire.com

ISSUE NO. PW9074

DATE Jan. 18, 2010

MILL TEST CERTIFICATE

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

OF **KSD 3514** (B Grade)

TO MESSRS

MATERIAL DESCRIPTION UNGALVANIZED STEEL WIRE ROPE

06 X 37 + FC

1000M X 1 REEL

EX NO. PW9074

T/T NO.

ORDER NO.

REEL NO.

1

SAMPLING NO.

1

DIAMETER OF ROPE

16.0

mm

TYPE OF CORE

Fiber Core

SPECIFIED BREAKING LOAD

145.0

kN

SAMPLE BROKE AT

152.3

kN

WT. OF ZINC COATING OF OUTER WIRE

MIN.

g/m²

MAX.

g/m²

ROPE LAY

RHRL

LAY LENGTH

105.8

mm

LUBRICATION

A-2

CHEMICAL ANALYSIS OF WIRE ROD

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

DATE OF SAMPLE TEST

Jan. 18, 2010

CHIEF INSPECTOR D.S.NA
KISWIRE QINGDAO LTD.

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ORIGINAL



No.600 Chuangye Road, Qingdao Development Zone, Shangdong, P.R.China
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ISSUE NO. PW9034

DATE Jan. 29, 2010

MILL TEST CERTIFICATE

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

OF KSD 3514 (B Grade)

TO MESSRS

MATERIAL DESCRIPTION UNGALVANIZED STEEL WIRE ROPE

06 X 37 + FC 1000M X 5 REEL

EX NO. PW9034

T/T NO. _____

ORDER NO. _____

REEL NO. 1~5

SAMPLING NO. 1

DIAMETER OF ROPE 12.5 mm

TYPE OF CORE Fiber Core

SPECIFIED BREAKING LOAD 88.5 kN SAMPLE BROKE AT 91.7 kN

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

ROPE LAY RHRL LAY LENGTH 81.9 mm

LUBRICATION A-2

CHEMICAL ANALYSIS OF WIRE ROD

CHARGE NO.	C×100	Si×100	Mn×100	P×1000	S×1000
050697E	70	23	72	15	5

DATE OF SAMPLE TEST

Jan. 15, 2010

CHIEF INSPECTOR D.S.NA
KISWIRE QINGDAO LTD.

192.168.11.44 / 2011-01-31 08:27:00

192.168.11.44 / 2011-01-31 08:27:20