



제 2011 - 69297 호

안 전 인 증 서

극동호이스트(주)

(425-833)경기도 안산시 성곡동630-2 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 _____
KD15-M (15Ton) /11-AQ2AC-00241

_____ 인 증 기 준 _____
노동부 고시 제2010 - 12호 (위험기계,기구 의무안전인증 고시)

_____ 인 증 조 건 _____

2011 년 01 월 27 일

한국산업안전보건공단 이사장





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)		KD15-M	용량(등급)	15 Ton
인증심사원		조봉희 		

산업안전보건법 제 34조 및 같은 법 시행규칙 제58조의4에 따라 실시한 제품심사(형식별) 결과가 적합함을 통지합니다.

2011 년 01 월 27 일

한국산업안전보건공단 경기서부지도원장





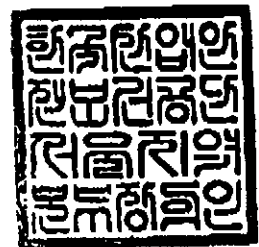
심 사 결 과 통 지 서

신 청 인	사 업 장 명	극동호이스트(주)	사업장관리번호 (사업자등록번호)	134-81-013350 134-81-01335
	소 재 지	(425 - 833) 경기도 안산시 성곡동630-2 반월공단 B-607-14		
	대표자 성명	최성찬		
안전인증대상 기계·기구명		호이스트		
형 식 (규 격)		KD15-M	용 량 (등 급)	15 Ton
인 증 심 사 원		이영진 서명		

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

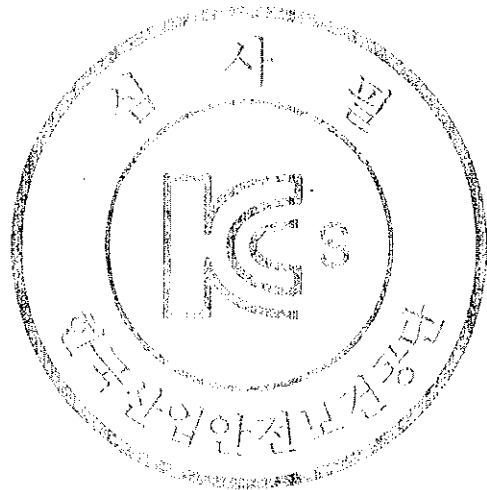
2011 년 01 월 19 일

한국산업안전보건공단 서울지역본부장



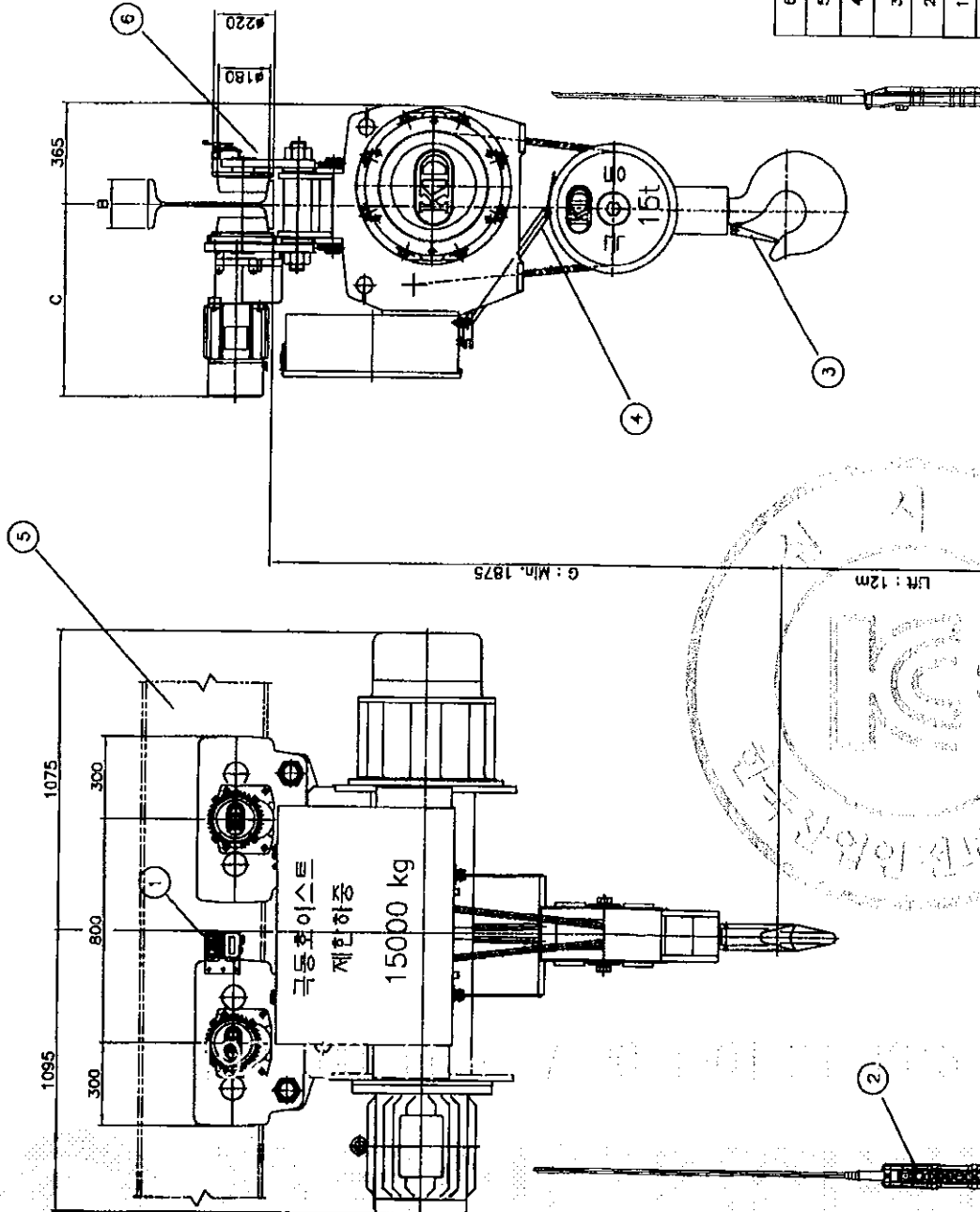
동 일 형 식 일 랫 표

사업장명		구동호이스트(쥬)		개정일자 및 번호		인증번호	
형식 및 모델				동 일 형식 인정범위 및 내역			
형식	모델			권상속도(m/min)	회행속도(m/min)	양정(m)	회행방식
KD15-M	KD15-L12-M			고속:4.5M/MIN 저속:3M/MIN	고속:15M/MIN 저속:10M/MIN 듀얼고속:15/7.5M/MIN 듀얼저속:10/5M/MIN	12	모터구동식
	KD15-L18-M					18	
	KD15-L24-M					24	
	KD15-L30-M					30	
	-					-	
						비 고	

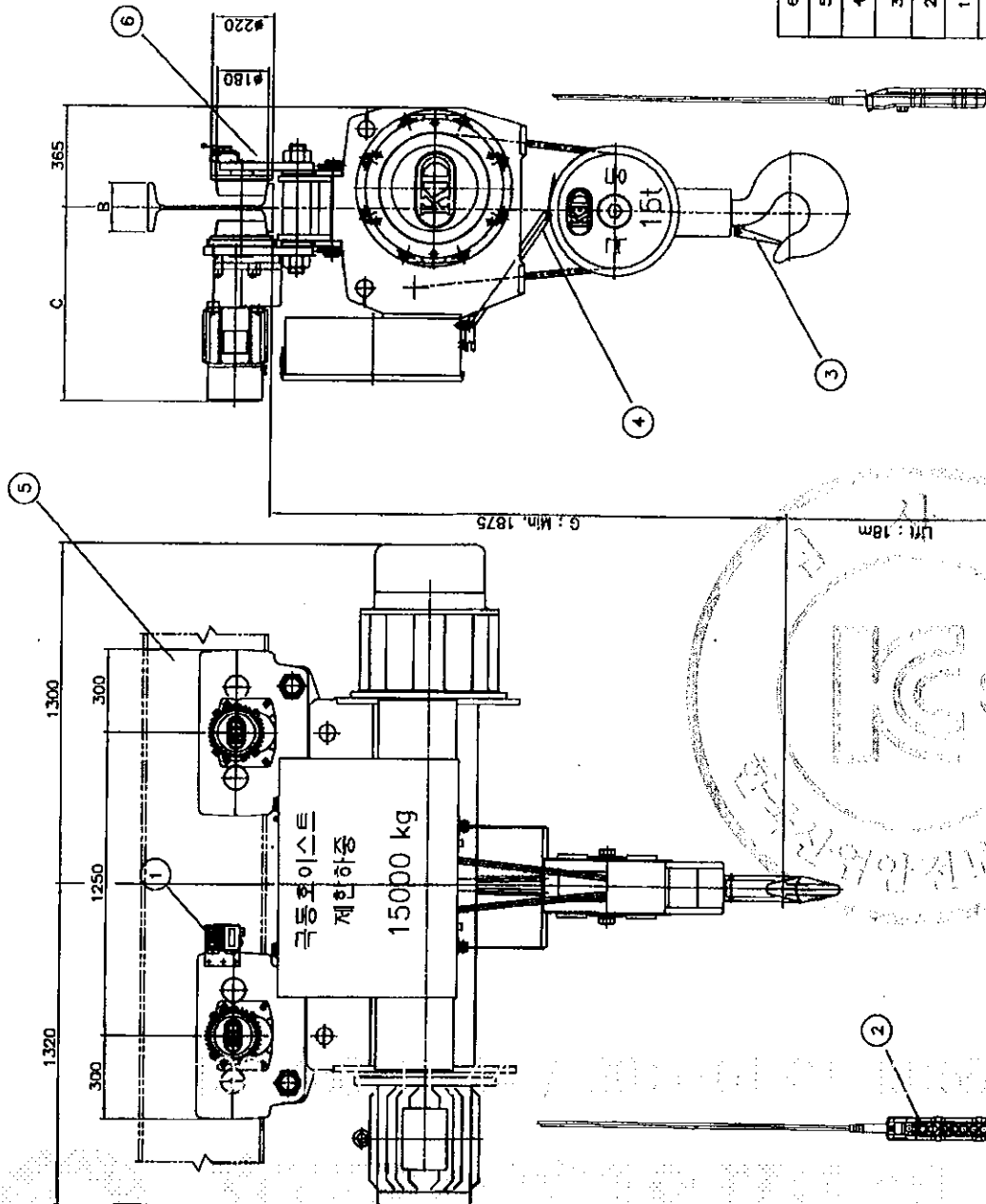


SPECIFICATION			
HOISTING LOAD	15000	KG	
TESTING LOAD	18750	KG	
LIFT	12	M	
RATING	30	MIN	
HOISTING	SPEED	HIGH	4.5 M/MIN
		LOW	3 M/MIN
	MOTOR	HIGH	13 KWx8P
		LOW	8.5 KWx12P
TRAVERSING	SPEED	HIGH	15 M/MIN
		LOW	10 M/MIN
	MOTOR (2SETS)	HIGH	1.5 KWx4P
		LOW	1.0 KWx6P
WIRE ROPE	SPEED	DUAL HIGH	15/7.5 M/MIN
		DUAL LOW	10/5 M/MIN
	MOTOR (2SETS)	DUAL HIGH	1.5/0.75KWx4/8P
		DUAL LOW	1.0/0.5 KWx6/12P
(6x37) ϕ 20x4FALLS			
POWER SOURCE	AC 3 ϕ 220, 380, 440, 460, 480V 60Hz		
WEIGHT	2030	KG	

NO.	DESCRIPTIONS	MTL	SET QTY	UNIT	TOTAL WEIGHT KG	REMARKS
6	TRAVERSING LIMIT S/W	PUR.	2			TABLE 참조
5	I-BEAM	SS400	-			
4	UPPER LIMIT S/W	SS400	1			
3	SAFETY LATCH	SS400	1			
2	PUSH BUTTON S/W	-	1			
1	LOAD LIMITER	-	1			
PROJECT						
TITLE						
KD15 - L12 - M						
ARRANGEMENT DRAWING FOR HOIST						
DRAWN						
DESIGNED						
CHECKED						
APPROVED						
SCALE						
A3/5 /						
REF. DRAWING						
DATE						
SHEET NO.						
DRAWING NO.						
KD15M1200						



TRAVERSING C-BEAM A x B x t	Ix (Cm4)	Zx (Cm3)	SUPPORT LENGTH	C
I 450x175x13t	48800	2170	MAX. 4.3M	580
I 600x190x13t	98200	3270	MAX. 6.1M	595



SPECIFICATION				
HOISTING LOAD		15000 KG		
TESTING LOAD		18750 KG		
LIFT		18 M		
RATING		30 MIN		
HOISTING	SPEED	HIGH	4.5 M/MIN	
		LOW	3 M/MIN	
	MOTOR	HIGH	13 KWx8P	
		LOW	8.5 KWx12P	
TRAVERSING	SPEED	HIGH	15 M/MIN	
		LOW	10 M/MIN	
	MOTOR (2SETS)	HIGH	1.5 KWx4P	
		LOW	1.0 KWx6P	
	SPEED	DUAL HIGH	15/7.5 M/MIN	
		DUAL LOW	10/5 M/MIN	
MOTOR (2SETS)	DUAL HIGH	1.5/0.75 KWx4/6P		
	DUAL LOW	1.0/0.5 KWx6/12P		
WIRE ROPE		(6x37) ϕ 20x4FALLS		
POWER SOURCE		AC 3 ϕ 220, 380, 440, 460, 480V 60Hz		
WEIGHT		2350 KG		

[illegible]

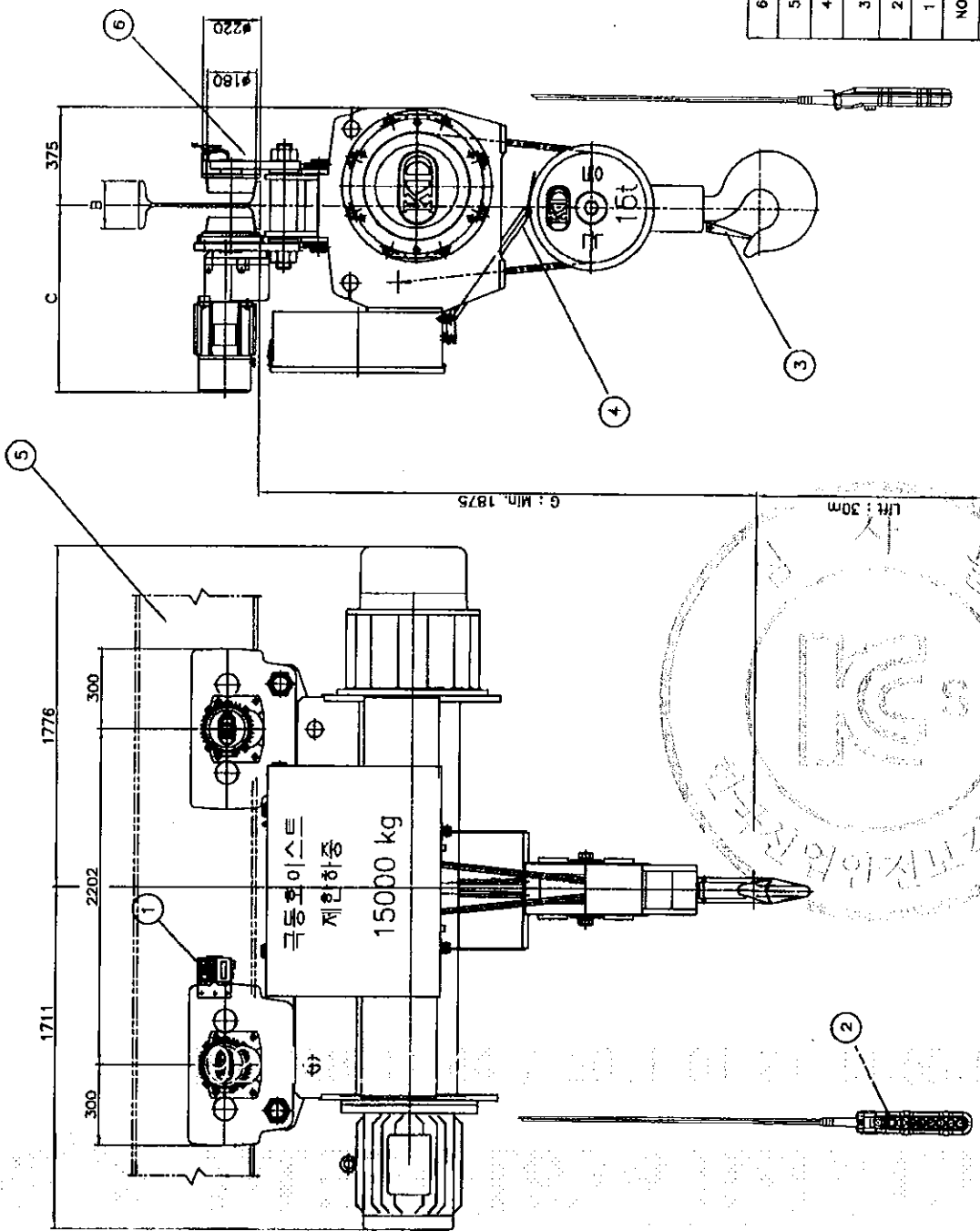
TRAVERSING E-BEAM A x B x t	Ix (Cm ⁴)	Zx (Cm)	SUPPORT LENGTH	C
I 450x175x13t	48800	2170	MAX. 4.3M	580
I 600x190x13t	98200	3270	MAX. 6.1M	595

SPECIFICATION

HOISTING LOAD		15000		KG
TESTING LOAD		18750		KG
LIFT		12		M
RATING		30		MIN
HOISTING	SPEED	HIGH	4.5	M/MIN
		LOW	3	M/MIN
	MOTOR	HIGH	1.3	KWx8P
		LOW	8.5	KWx12P
TRAVERSING	SPEED	HIGH	15	M/MIN
		LOW	10	M/MIN
	MOTOR (2SETS)	HIGH	1.5	KWx4P
		LOW	1.0	KWx6P
	SPEED	DUAL HIGH	15/7.5	M/MIN
		DUAL LOW	10/5	M/MIN
	MOTOR (2SETS)	DUAL HIGH	1.5/0.75	KWx4/8P
		DUAL LOW	1.0/0.5	KWx6/12P
WIRE ROPE		(6x37) Ø20x4FALLS		
POWER SOURCE		AC 3Ø 220, 380, 440, 460, 480V 60Hz		
WEIGHT		3010		KG

NO.	DESCRIPTIONS	M/TL	SET/SET QTY	UNIT	TOTAL WEIGHT KG	REMARKS
6	TRAVERSING LIMIT S/W	PUR	2			TABLE 형조
5	I-BEAM	SS400	-			
4	UPPER LIMIT S/W	SS400	1			
3	SAFETY LATCH	SS400	1			
2	PUSH BUTTON S/W	-	1			
1	LOAD LIMITER	-	1			

PROJECT		DATE	
TITLE		SCALE	
KD15 - L30 - M		A3 / 15 /	
ARRANGEMENT DRAWING FOR HOIST			
DRAWN	DESIGNED	CHECKED	APPROVED
			REF DRAWING
KID		KUK DONG HOIST CO., LTD.	
SHEET NO.		DRAWING NO.	
		KD15M3000	

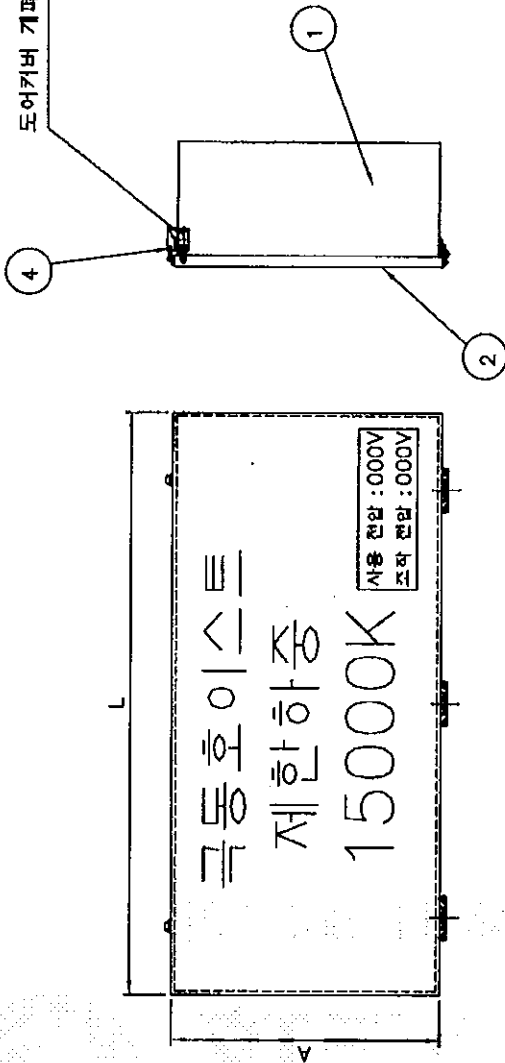


TRAVERSING C-BEAM A x B x t	Ix (Cm ⁴)	Zx (Cm ³)	SUPPORT LENGTH	C
I 450x175x13t	48800	2170	MAX. 4.3M	580
I 600x190x13t	98200	3270	MAX. 6.1M	595

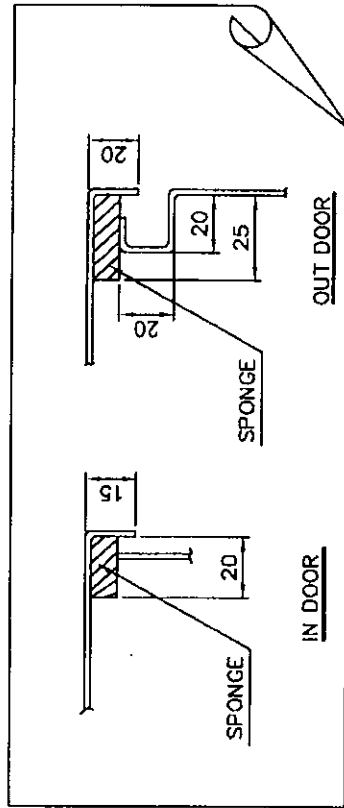
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20

ADR'S NO.

도어커버 기폐시 ON/OFF



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



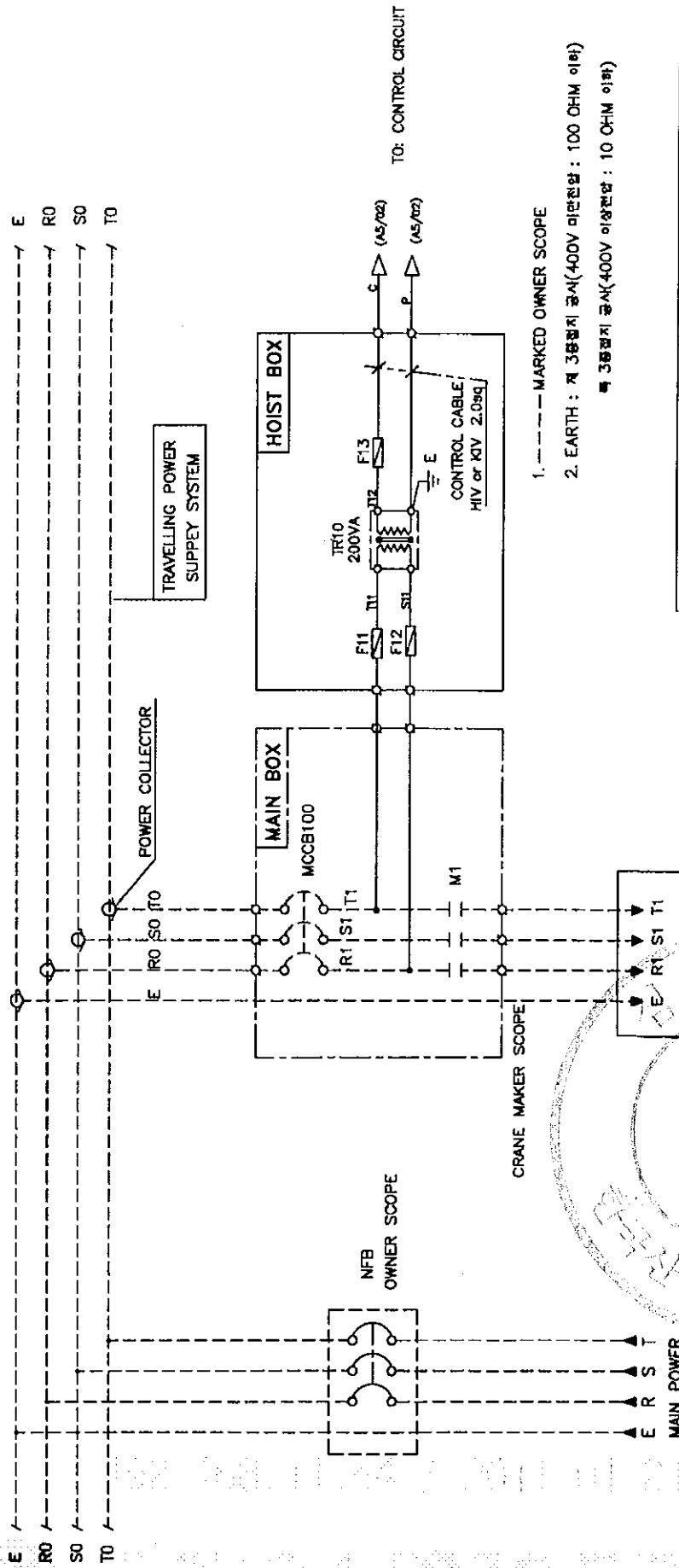
NOTE

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

SELECTION	HOIST CAPACITY	DESCRIPTION	IN DOOR			OUT DOOR			REMARK
			A	B	L	A	B	L	
15 TON	NORMAL		650	220	850	650	220	850	
15 TON	CREEP		650	220	850	650	220	850	

DRAWING	DESIGN	CHECKED	APPROVED	SCALE	DATE	ORDER NO.
				NONE		
KUK DONG HOIST CO., LTD.						KD15EB00
CUSTOMER		HOISTING CONTROL BOX				
DRAWING TITLE		LAY-OUT				
DATE	REVISIONS	CHK.	APP.			

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



1. 전선의 색상은 다음과 같다.
- 1) 흑 색 : 전선선
 - 2) 적 색 : 교류제어선
 - 3) 청 색 : 직류제어선
 - 4) 녹색 또는 녹색과 황색 혼용 : 접지
 - 5) 흰색 : 중립
2. 표시등의 색상은 다음과 같다.
- 1) 적 색 : 비상
 - 2) 황 색 : 비정상
 - 3) 녹색 : 정상
 - 4) 청색 : 외부
 - 5) 흰색 : 중립
3. 조각 배선의 색상은 다음과 같다.
- 1) 적 색 : 비상
 - 2) 황 색 : 비정상
 - 3) 청 색 : 외부
 - 4) 흰색, 회색 또는 흑색 : 지정된 의미없음

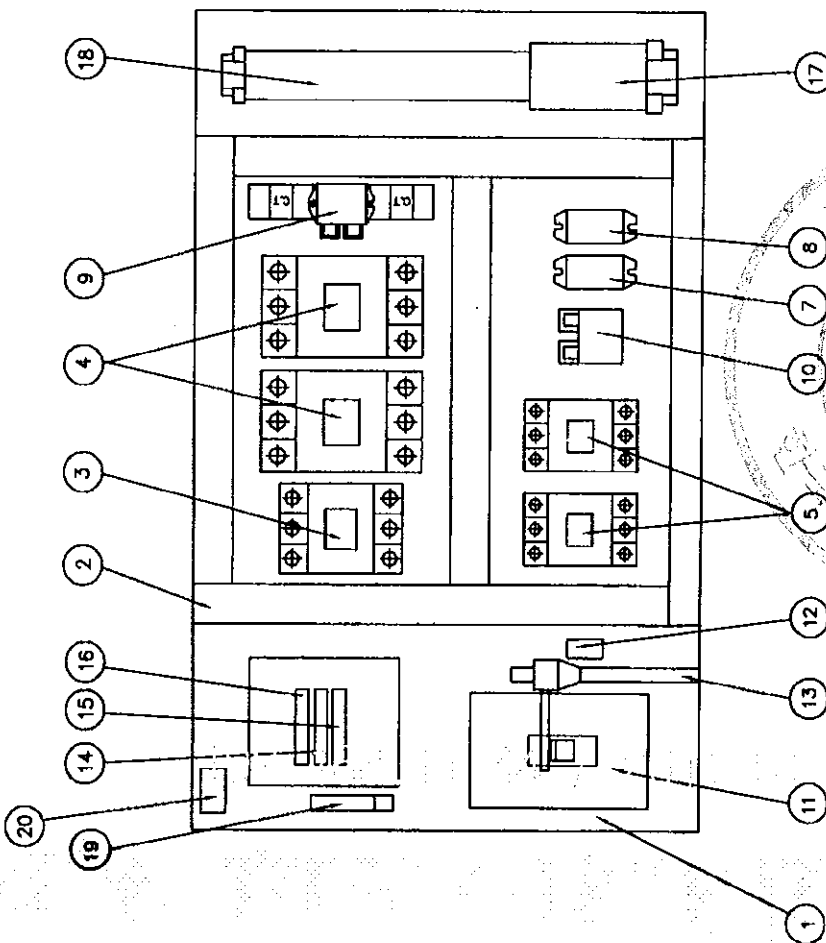
1. --- MARKED OWNER SCOPE
2. EARTH : 제 3종접지 공제(400V 미만전압 : 100 OHM 이하)
제 3종접지 공제(400V 이상전압 : 10 OHM 이하)

SELECTION	VOLTAGE	F11	F12	F13	MCCB100
	220V	3A	5A	103AF/100AT	
	380V	2A	5A	53AF/50AT	
	440V	2A	5A	53AF/40AT	
	460V	2A	5A	53AF/40AT	
	480V	2A	5A	53AF/40AT	

DRAWING		DESIGN	CHECKED	APPROVED	SCALE	DATE	ORDER NO.
MAIN POWER CIRCUIT 1					NONE		
DIAGRAM							
KUK DONG HOIST CO., LTD.							
KDI							
KUK DONG HOIST CO., LTD.							
DWG. NO							KDI5E001
REVISIONS							
CHK. APP.							
DATE							

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

ADR'S NO.



NOTE

1. UPPER LIMIT LS-1의 점접 허용 전류 용량 : AC 600V, 3A
 2. UPPER LIMIT LS-2의 점접 허용 전류 용량 : NFB 103AF
 3. EARTH TERMINAL RESISTANCE : 0.018 Ω
 4. POWER SOURCE : AC 3Φ 220V 60HZ
2. CABLE MATERIAL : KIV OR EQUIVALENT
3. 제어용 전선 : 2.0mm KIV, H1V
4. 제어시 다소 변경 될수있음.
5. 외함 개방구조는 다음과 같음.
- 1) 외함 개방시 충전부분이 차단되도록 함.
- 2) 외함 개방후 충전되어있는 부분은 IP2X 이상의 직접 접촉 방호가 되어있음.

NO	DESCRIPTION	SPECIFICATION	QTY	REMARK
1	CHASSIS PLATE		1	아연 도금
2	CABLE DUCT	-	1	
3	MAGNET CONTACT	GMC-8SP	1	M1, MAIN MAG.
4	MAGNET CONTACT	GMC-180P	2	HOISTING
5	MAGNET CONTACT	DOC-22P	2	TRAVERSING
7	SILICON RECTIFIER	SR-60	1	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	TRAVERSING
11	MCSB100	103AF/100AT	1	LS-2
12	UPPER LIMIT	AC 800V/3A	1	LS-1
13	LIMIT LEVER	SS-400	1	
14	FUSE (F1,F12)	3 A	2	
15	FUSE (F13)	5 A	1	
16	TRANSFORMER	220V/110,120V, 200VA	1	
17	TERMINAL BLOCK	100A,25A		
18	TERMINAL BLOCK	15A		
19	EARTH TERMINAL	5x25x50	1	
20	MICRO SWITCH	HY-R704B	1	

NOTE 1. 전선의 색상은 다음과 같다.

1) 흑색 : 교류 및 직류 전원선로

2) 적색 : 교류제어회로

3) 푸랑색 : 외부 전원에서 공급되는 전동장치 제어회로

4) 녹색 또는 녹색과 황색 혼용 : 접지선

2. CABLE MATERIAL : KIV OR EQUIVALENT

3. 제어용 전선 : 2.0mm KIV, H1V

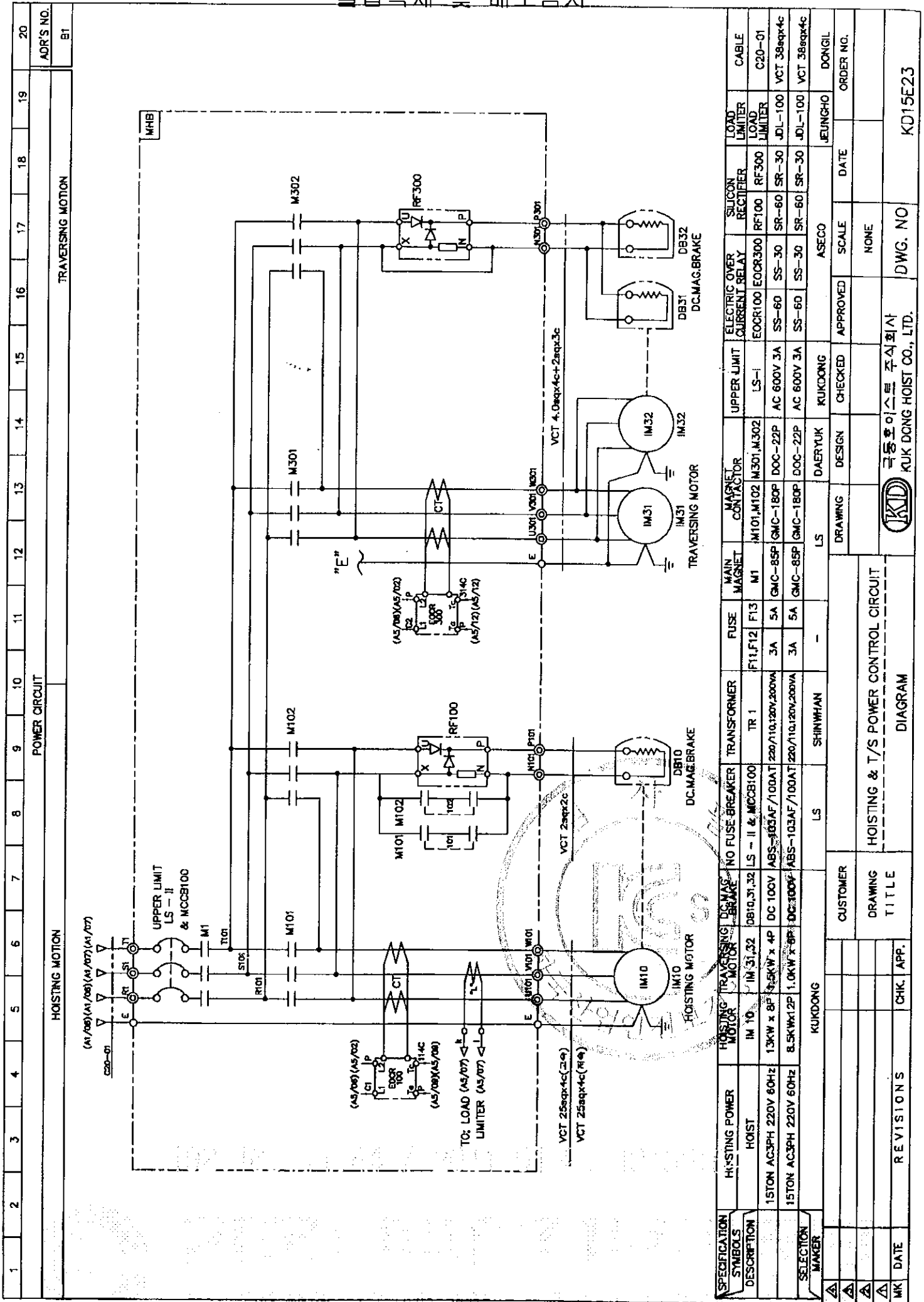
4. 제어시 다소 변경 될수있음.

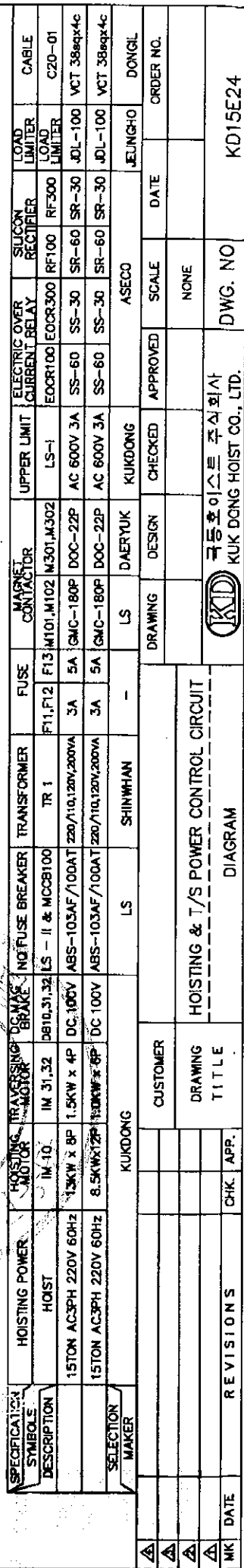
5. 외함 개방구조는 다음과 같음.

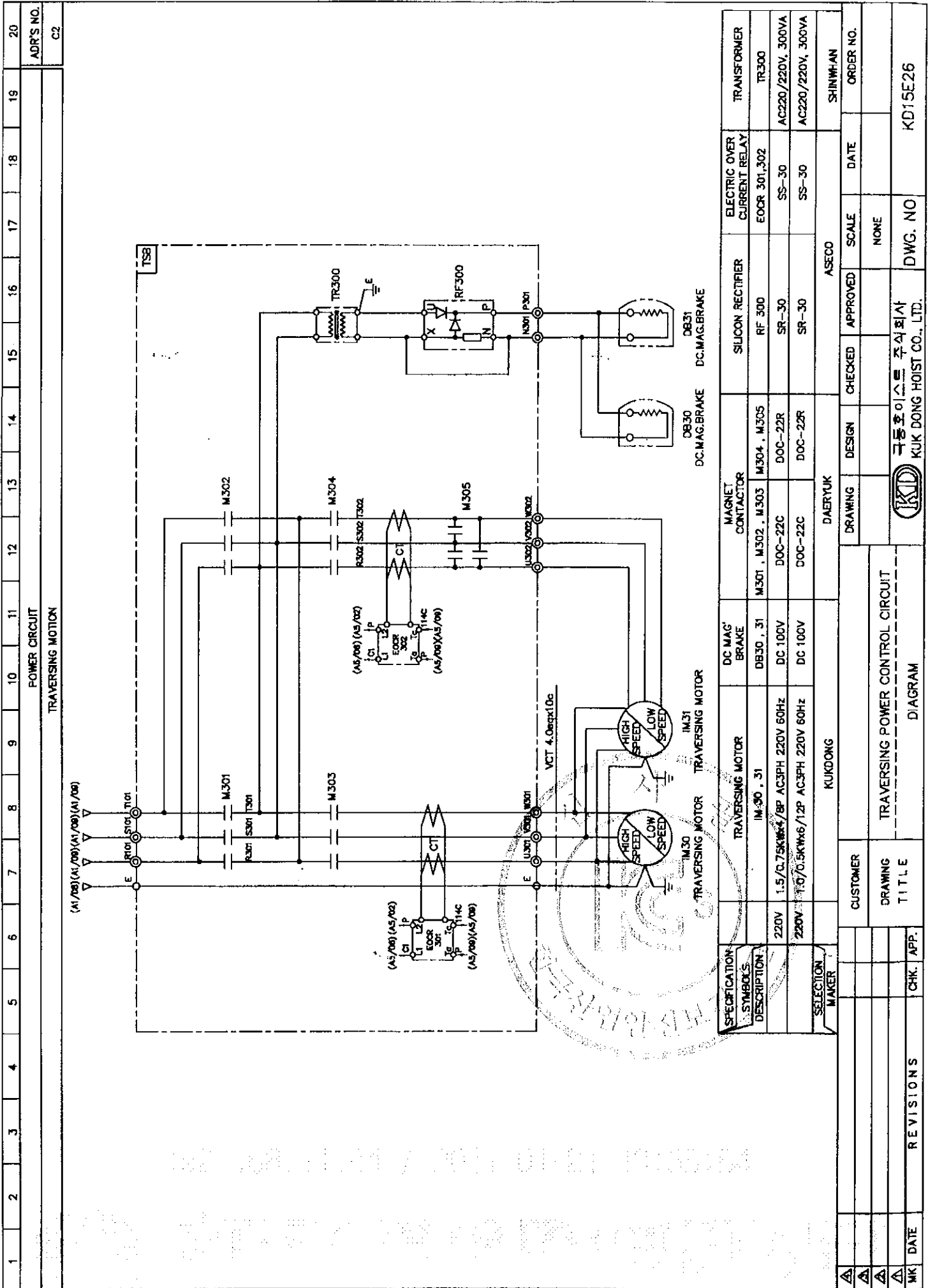
1) 외함 개방시 충전부분이 차단되도록 함.

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

DRAWING	DESIGN	CHECKED	APPROVED	SCALE	DATE	ORDER NO.
				NONE		
KUD KUK DONG HOIST CO., LTD.						KD15BA21
극동호이스트 주식회사						DWG. NO
HOISTING CONTROL BOX						
ARRANGEMENT DRAWING						
DATE	REVISIONS	CHK.	APP.			







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

NO	DESCRIPTION	SPECIFICATION	Q'TY	REMARK
1	CHASSIS PLATE		1	아 린 도 금
2	CABLE DUCT	-	1	
3	MAGNET CONTACT	DOC-50P	1	M1. MAIN MAG.
4	MAGNET CONTACT	GMC-100P	2	HOISTING
5	MAGNET CONTACT	DOC-22P	2	TRAVERSING
7	SILICON RECTIFIER	SR-60	1	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	TRAVERSING
11	MCB100	53AF/50AT	1	LS-2
12	UPPER LIMIT	AC 600V/3A	1	LS-1
13	LIMIT LEVER	SS-400	1	
14	FUSE (F11,F12)	2 A	2	
15	FUSE (F13)	5 A	1	
16	TRANSFORMER	380V/110,120V, 200VA	1	
17	TERMINAL BLOCK	60A,25A		
18	TERMINAL BLOCK	15A		
19	EARTH TERMINAL	5t25x50	1	
20	MICRO SWITCH	HY-R704B	1	

NO	DESCRIPTION	SPECIFICATION	Q'TY	REMARK
----	-------------	---------------	------	--------

NO	DESCRIPTION	SPECIFICATION	Q'TY	REMARK
----	-------------	---------------	------	--------

NO	DESCRIPTION	SPECIFICATION	Q'TY	REMARK
----	-------------	---------------	------	--------

NO	DESCRIPTION	SPECIFICATION	Q'TY	REMARK
----	-------------	---------------	------	--------

NO	DESCRIPTION	SPECIFICATION	Q'TY	REMARK
----	-------------	---------------	------	--------

NO	DESCRIPTION	SPECIFICATION	Q'TY	REMARK
----	-------------	---------------	------	--------

NO	DESCRIPTION	SPECIFICATION	Q'TY	REMARK
----	-------------	---------------	------	--------

NO	DESCRIPTION	SPECIFICATION	Q'TY	REMARK
----	-------------	---------------	------	--------

NO	DESCRIPTION	SPECIFICATION	Q'TY	REMARK
----	-------------	---------------	------	--------

NO	DESCRIPTION	SPECIFICATION	Q'TY	REMARK
----	-------------	---------------	------	--------

NO	DESCRIPTION	SPECIFICATION	Q'TY	REMARK
----	-------------	---------------	------	--------

NO	DESCRIPTION	SPECIFICATION	Q'TY	REMARK
----	-------------	---------------	------	--------

NO	DESCRIPTION	SPECIFICATION	Q'TY	REMARK
----	-------------	---------------	------	--------

NO	DESCRIPTION	SPECIFICATION	Q'TY	REMARK
----	-------------	---------------	------	--------

NO	DESCRIPTION	SPECIFICATION	Q'TY	REMARK
----	-------------	---------------	------	--------

NO	DESCRIPTION	SPECIFICATION	Q'TY	REMARK
----	-------------	---------------	------	--------

NO	DESCRIPTION	SPECIFICATION	Q'TY	REMARK
----	-------------	---------------	------	--------

NO	DESCRIPTION	SPECIFICATION	Q'TY	REMARK
----	-------------	---------------	------	--------

NO	DESCRIPTION	SPECIFICATION	Q'TY	REMARK
----	-------------	---------------	------	--------

NO	DESCRIPTION	SPECIFICATION	Q'TY	REMARK
----	-------------	---------------	------	--------

NO	DESCRIPTION	SPECIFICATION	Q'TY	REMARK
----	-------------	---------------	------	--------

NO	DESCRIPTION	SPECIFICATION	Q'TY	REMARK
----	-------------	---------------	------	--------

NO	DESCRIPTION	SPECIFICATION	Q'TY	REMARK
----	-------------	---------------	------	--------

NO	DESCRIPTION	SPECIFICATION	Q'TY	REMARK
----	-------------	---------------	------	--------

NO	DESCRIPTION	SPECIFICATION	Q'TY	REMARK
----	-------------	---------------	------	--------

NO	DESCRIPTION	SPECIFICATION	Q'TY	REMARK
----	-------------	---------------	------	--------

NO	DESCRIPTION	SPECIFICATION	Q'TY	REMARK
----	-------------	---------------	------	--------

NO	DESCRIPTION	SPECIFICATION	Q'TY	REMARK
----	-------------	---------------	------	--------

NO	DESCRIPTION	SPECIFICATION	Q'TY	REMARK
----	-------------	---------------	------	--------

NO	DESCRIPTION	SPECIFICATION	Q'TY	REMARK
----	-------------	---------------	------	--------

NO	DESCRIPTION	SPECIFICATION	Q'TY	REMARK
----	-------------	---------------	------	--------

NO	DESCRIPTION	SPECIFICATION	Q'TY	REMARK
----	-------------	---------------	------	--------

NO	DESCRIPTION	SPECIFICATION	Q'TY	REMARK
----	-------------	---------------	------	--------

NO	DESCRIPTION	SPECIFICATION	Q'TY	REMARK
----	-------------	---------------	------	--------

NO	DESCRIPTION	SPECIFICATION	Q'TY	REMARK
----	-------------	---------------	------	--------

NO	DESCRIPTION	SPECIFICATION	Q'TY	REMARK
----	-------------	---------------	------	--------

NO	DESCRIPTION	SPECIFICATION	Q'TY	REMARK
----	-------------	---------------	------	--------

NO	DESCRIPTION	SPECIFICATION	Q'TY	REMARK
----	-------------	---------------	------	--------

NO	DESCRIPTION	SPECIFICATION	Q'TY	REMARK
----	-------------	---------------	------	--------

NO	DESCRIPTION	SPECIFICATION	Q'TY	REMARK
----	-------------	---------------	------	--------

NO	DESCRIPTION	SPECIFICATION	Q'TY	REMARK
----	-------------	---------------	------	--------

NO	DESCRIPTION	SPECIFICATION	Q'TY	REMARK
----	-------------	---------------	------	--------

NO	DESCRIPTION	SPECIFICATION	Q'TY	REMARK
----	-------------	---------------	------	--------

NO	DESCRIPTION	SPECIFICATION	Q'TY	REMARK
----	-------------	---------------	------	--------

NOTE 1. 전선의 색상은 다음과 같다.

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

2. CABLE MATERIAL : KIV OR EQUIVALENT

3. 제어용 전선 : 2.0mm KIV,HIV

4. 제동시 다소 변경 될수있음.

5. 외함 개방구조는 다음과 같을것.

1) 외함 개방시 충전부분이 차단되도록 할것.

2) 외함 개방후 충전되어있는 부분은 IP2X 이상의 작업 전속 보호가 되어있을것.

NOTE

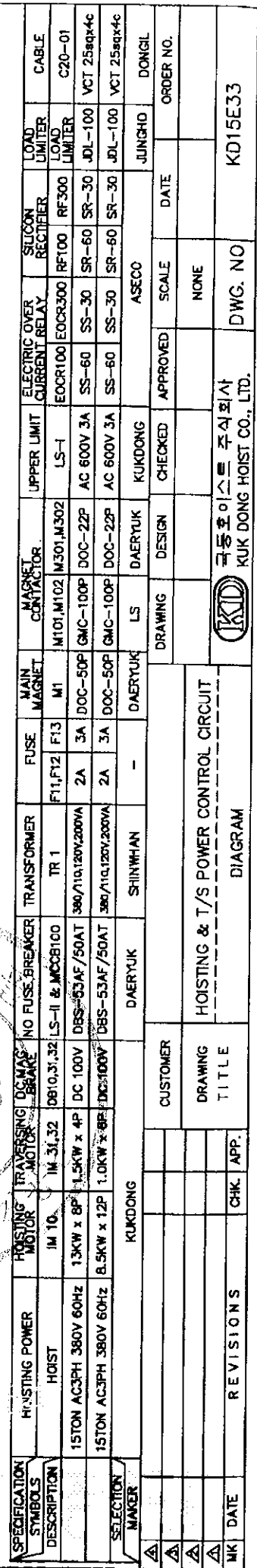
1. UPPER LIMIT LS-1의 전원 허용 전류 용량 : AC 600V, 3A

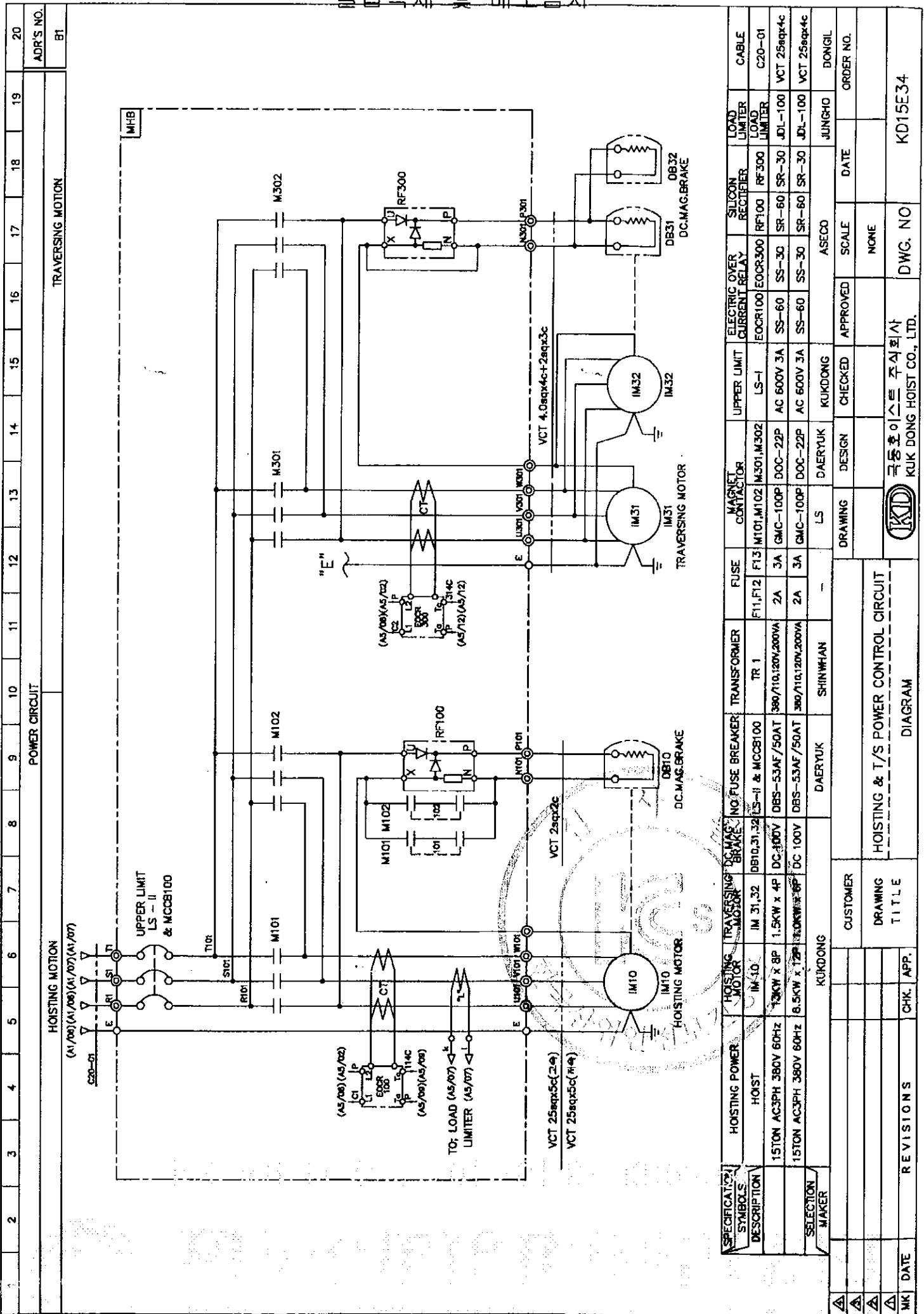
2. UPPER LIMIT LS-2의 전원 허용 전류 용량 : NFB 53AF

3. EARTH TERMINAL RESISTANCE : 0.018 Ω

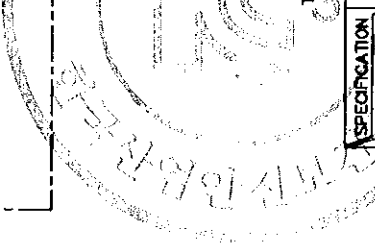
4. POWER SOURCE : AC 3φ 380V 60HZ

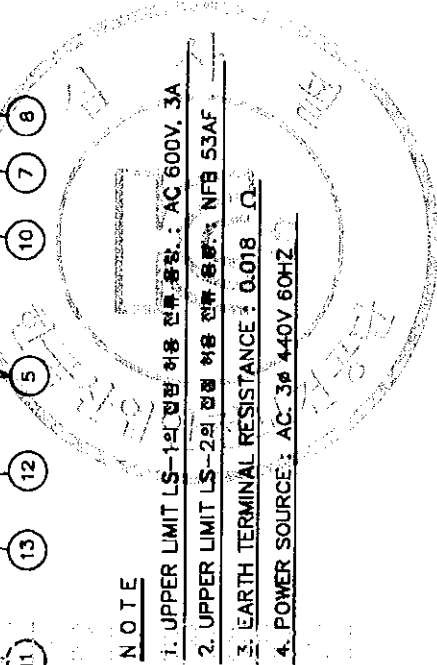
DRAWING	DESIGN	CHECKED	APPROVED	SCALE	DATE	ORDER NO.
				NONE		
KUK DONG HOIST CO., LTD.						KD15BA31





SYMBOLS	HOISTING POWER	HOISTING MOTOR	TRAVERSING 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 31, 32	DB10, 31, 32	LS-I & MCCB100	TR 1	F1, F2	M101, M102	LS-I	EOCR100	RF100	RF300	C20-01
15TON AC3PH 380V 60Hz	1.5KW x 8P	1.5KW x 4P	1.5KW x 4P	DC 100V	DBS-53AF/50AT	380/110, 120V, 200VA	2A	GMC-100P	AC 600V 3A	SS-60	SR-60	SR-30	VCT 25sq4c
15TON AC3PH 380V 60Hz	8.5KW x 12P	8.5KW x 12P	8.5KW x 12P	DC 100V	DBS-53AF/50AT	380/110, 120V, 200VA	2A	GMC-100P	AC 600V 3A	SS-60	SR-60	SR-30	VCT 25sq4c
SELECTION	MAKER	KUKDONG	DAERYUK	SHINWHAN	DAERYUK	SHINWHAN	DAERYUK	DAERYUK	KUKDONG	ASECO	JUNGHO	DONGIL	
DATE	REVISIONS	CHK.	APP.	DRAWING TITLE	HOISTING & T/S POWER CONTROL CIRCUIT	DIAGRAM	DWG. NO.	KD15E34	ORDER NO.	DATE	SCALE	NONE	
WK	DATE	REVISIONS	CHK.	APP.	DRAWING TITLE	HOISTING & T/S POWER CONTROL CIRCUIT	DIAGRAM	DWG. NO.	KD15E34	ORDER NO.	DATE	SCALE	NONE





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

- 1) 폭이 : 고무 및 비취 천연선로
- 2) 폭이 : 고무제어외로
- 3) 구멍이 : 외부 전원에서 공급되는 연결장치 제어외로
- 4) 폭이 또는 폭과 용어 혼용 : 접지선

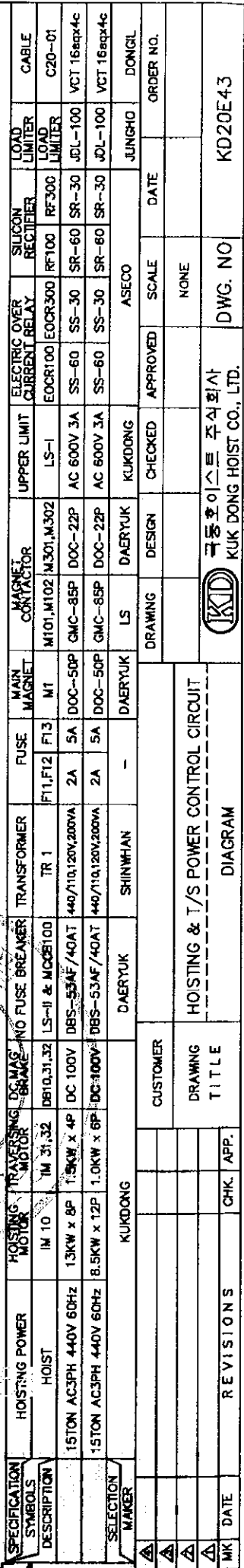
2. CABLE MATERIAL : KIV OR EQUIVALENT
MIN SIZE : 2.0sq

3. 제어용 전선 : 2.0mm KIV,HIV
4. 제어시 다소 변경 될수있음.
5. 외함 개방구조는 다음과 같음.

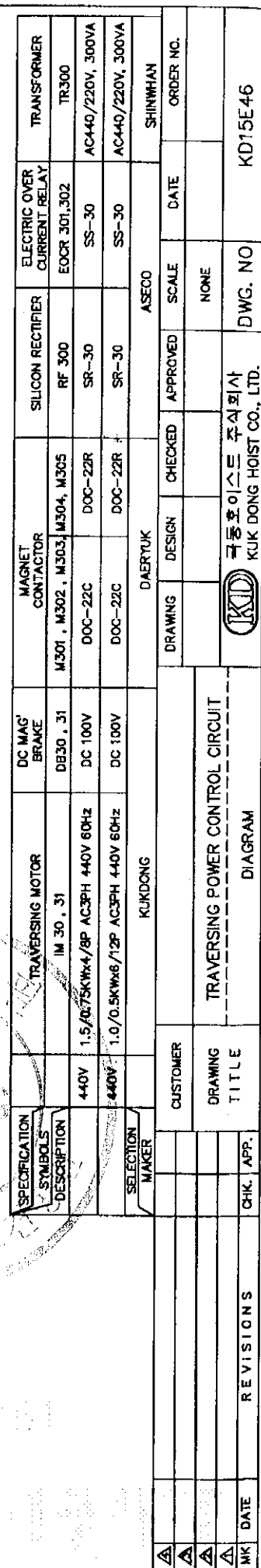
- 1) 외함 개방시 충전부분이 차단되도록 함.
- 2) 외함 개방후 충전되어있는 부분은 IP2X 이상의 차단

NO	DESCRIPTION	SPECIFICATION	Q'TY	REMARK
1	CHASSIS PLATE		1	아 연 도 금
2	CABLE DUCT	-	1	
3	MAGNET CONTACT	DOC-50P	1	M1, MAIN MAG.
4	MAGNET CONTACT	GMC-85P	2	HOISTING
5	MAGNET CONTACT	DOC-22P	2	TRAVERSING
7	SILICON RECTIFIER	SR-60	1	HOISTING
8	SILICON RECTIFIER	SR-30	1	TRAVERSING
9	E.O.C.R	SS-30	1	HOISTING
10	E.O.C.R	SS-30	1	TRAVERSING
11	MC8T100	53AF/40AT	1	LS-2
12	UPPER LIMIT	AC 800V/3A	1	LS-1
13	LIMIT LEVER	SS-400	1	
14	FUSE (F11,F12)	2 A	2	
15	FUSE (F13)	5 A	1	
16	TRANSFORMER	440V/110,120V, 200VA	1	
17	TERMINAL BLOCK	60A,25A		
18	TERMINAL BLOCK	15A		
19	EARTH TERMINAL	5x25x50	1	
20	MICRO SWITCH	HY-R704B	1	

[illegible]



[illegible]





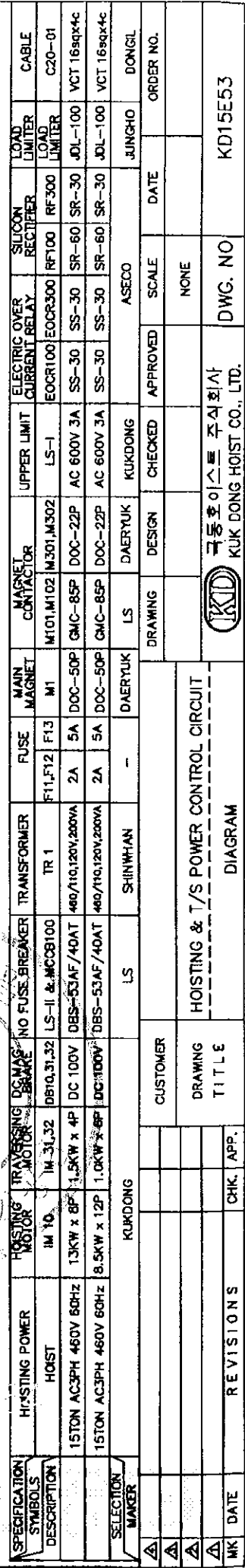
1. UPPER LIMIT LS-1의 정함 허용 전류 용량 : AC 600V, 3A
2. UPPER LIMIT LS-2의 정함 허용 전류 용량 : NFB 53AF
3. EARTH TERMINAL RESISTANCE : 0.018 Ω
4. POWER SOURCE : AC 3 ϕ 460V 60HZ

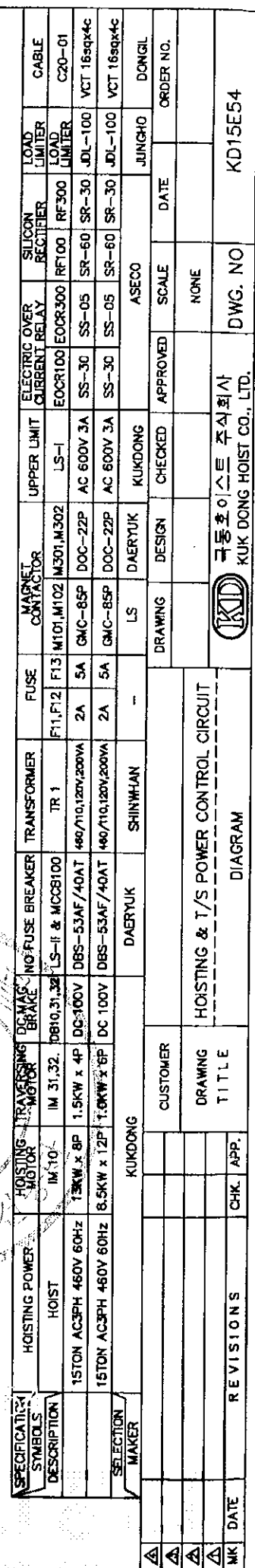
NOTE 1. 전선의 예상은 다음과 같다.

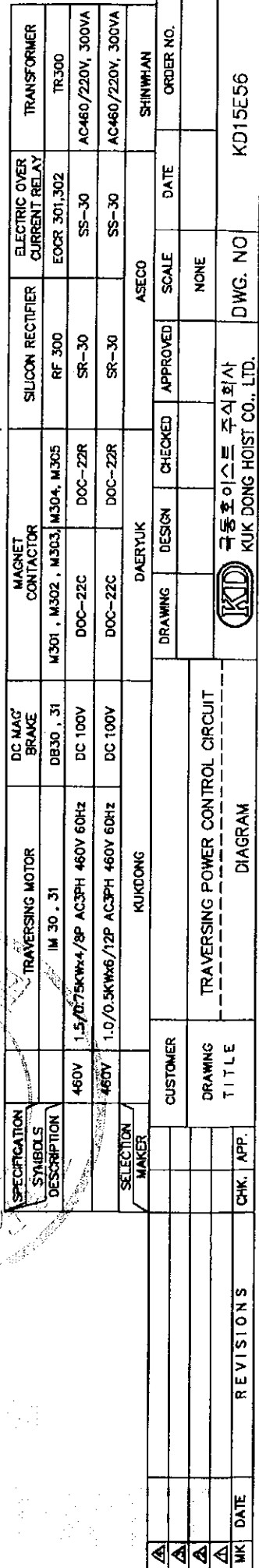
- 1) 목재 : 고루 및 저루 전열선로
2) 적재 : 고루제외의 모든
3) 주철재 : 외부 전열에서 공급되는 연동장치 제외의 모든
4) 목재 또는 금속과 철재 혼합 : 전열선
- CABLE MATERIAL : 「 KIV OR EQUIVALENT
MIN SIZE : 2.0sq
제어용 전선 : 2.0mm KIV,HIV
제외시 다소 변경 될수있다.
의함 개항구조는 다음과 같음.
- 1) 의함 개방시 충전부분이 차단되도록 함.
2) 의함 개방후 충전되어있는 부분은 IP2X 이상의 차단

NO	DESCRIPTION	SPECIFICATION	Q'TY	REMARK
1	CHASSIS PLATE		1	아 연 도 플
2	CABLE DUCT	--	1	
3	MAGNET CONTACT	DOC-50P	1	M1, MAIN MAG.
4	MAGNET CONTACT	GMC-85P	2	HOISTING
5	MAGNET CONTACT	DOC-22P	2	TRAVERSING
7	SIUCON RECTIFIER	SR-60	1	HOISTING
8	SIUCON RECTIFIER	SR-30	1	TRAVERSING
9	E.O.C.R	SS-30	1	HOISTING
10	E.O.C.R	SS-30	1	TRAVERSING
11	MCCB100	53AF/40AT	1	LS-2
12	UPPER LIMIT	AC 800V/3A	1	LS-1
13	LIMIT LEVER	SS-400	1	
14	FUSE (F11,F12)	2 A	2	
15	FUSE (F13)	5 A	1	
16	TRANSFORMER	460V/110,120V, 200VA	1	
17	TERMINAL BLOCK	60A,25A		
18	TERMINAL BLOCK	15A		
19	EARTH TERMINAL	50x25x50	1	
20	MICRO SWITCH	HY-R704B	1	

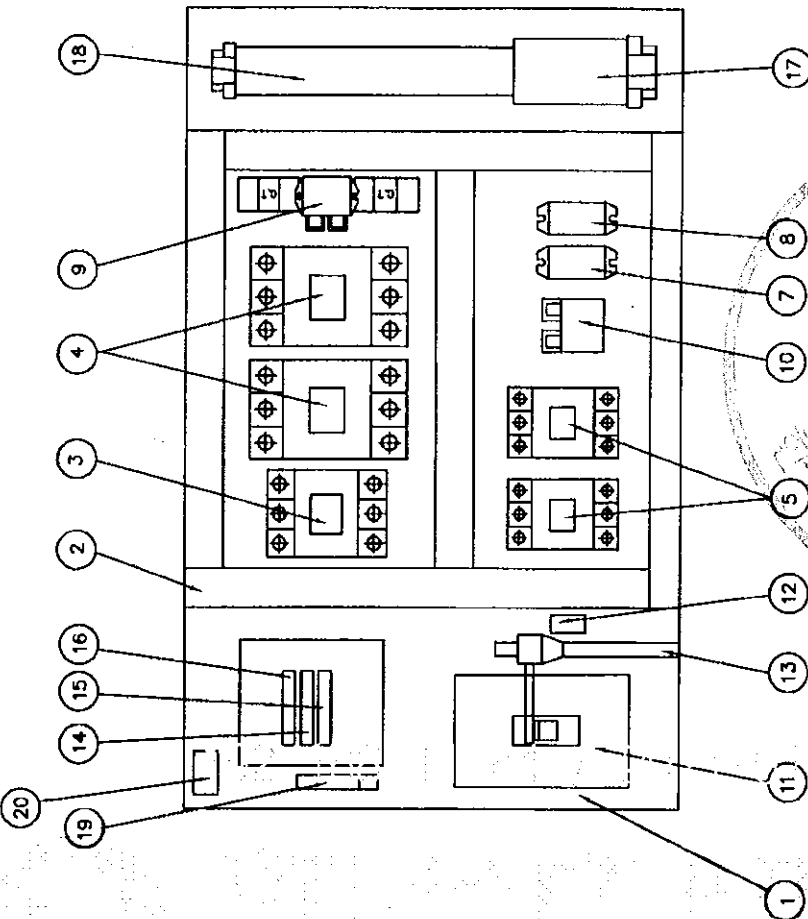
[illegible]







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



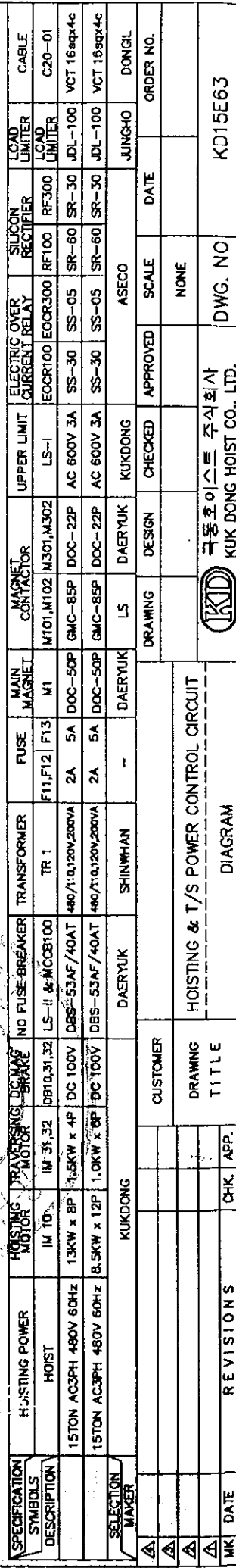
NOTE

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

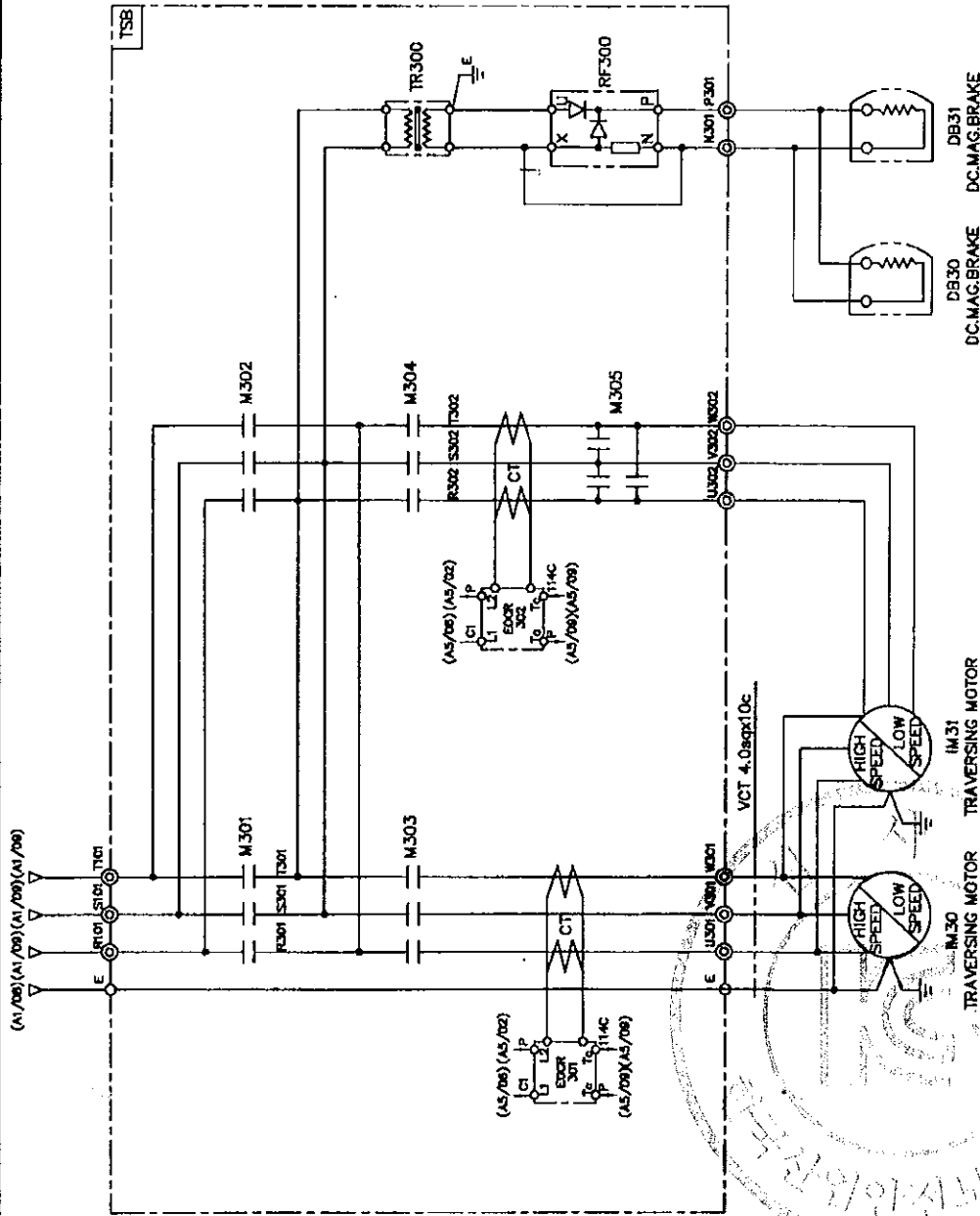
NOTE 1. 전선의 사양은 다음과 같다.

- 1) 색역 : 교류 및 직류 전원선으로
 - 2) 적색 : 교류 제어회로
 - 3) 주황색 : 외부 전원에서 공급되는 전동장치 제어회로
 - 4) 녹색 또는 노색과 황색 혼용 : 접지선
2. CABLE MATERIAL : KIV OR EQUIVALENT
MIN SIZE : 2.0sq
3. 제어용 전선 : 2.0mm KIV/HIV
 4. 제어시 다스 변경 필수있음.
 5. 외함 기밀구조는 다음과 같음.
 - 1) 외함 기밀시 충전부분이 차단되도록 함.
 - 2) 외함 기밀후 충전되어있는 부분은 IP2X 이상의 직접 접촉 방호가 되어있음.

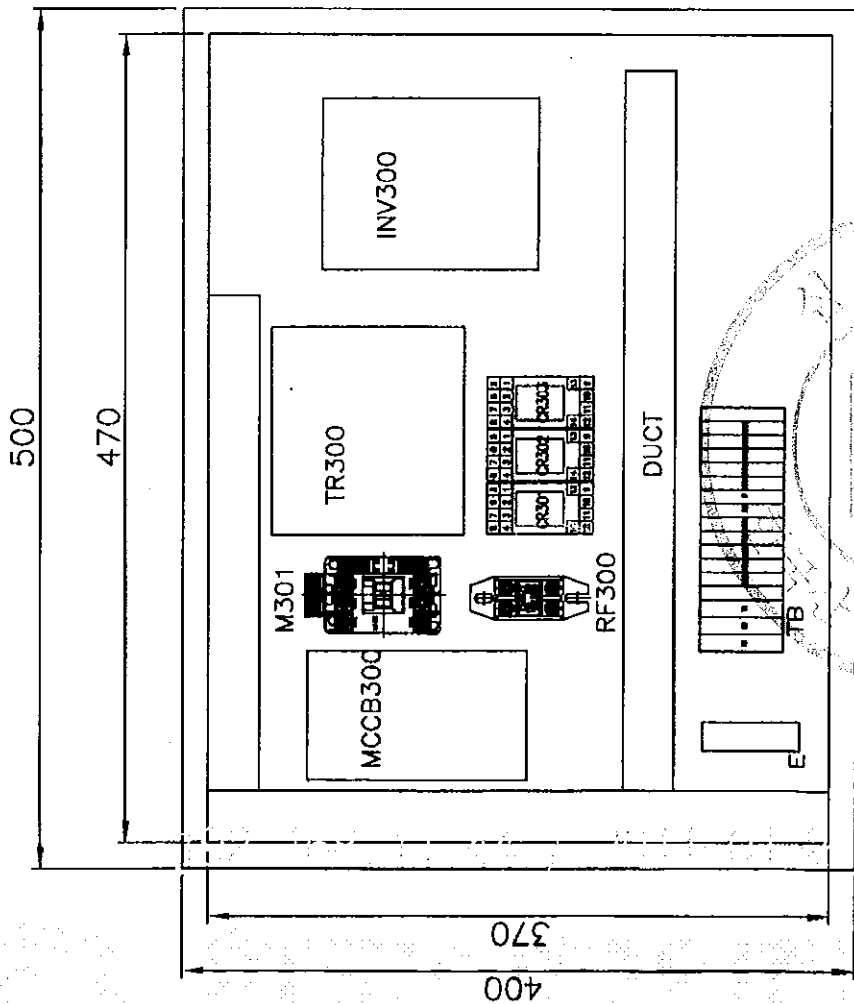
DRAWING	DESIGN	CHECKED	APPROVED	SCALE	DATE	ORDER NO.
				NONE		
HOISTING CONTROL BOX						
ARRANGEMENT DRAWING						
KUK DONG HOIST CO., LTD.						
DWG. NO						KD15BA61



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



MK	DATE	REVISIONS	CHK.	APP.	DRAWING TITLE	CUSTOMER	KUKDONG										DAERYUK		ASECO		SHINJIAN	ORDER NO.
							SELECTION MAKER		TRAVERSING MOTOR		DC MAG' BRAKE		MAGNET CONTACTOR		SILICON RECTIFIER		ELECTRIC OVER CURRENT RELAY		TRANSFORMER			
							SYMBOLS DESCRIPTION		IM 30 , 31		DB30 , 31		M301 , M302 , M303, M304, M305		RF 300		EOCR 301,302		TR300			
									1.5/0.75KWx4/8P AC3PH 480V 60Hz		DC 100V		DOC-22C		SR-30		SS-30		AC480/220V, 300VA			
		480V		1.0/0.5KWx6/12P AC3PH 480V 60Hz		DC 100V		DOC-22C		SR-30		SS-30		AC480/220V, 300VA								

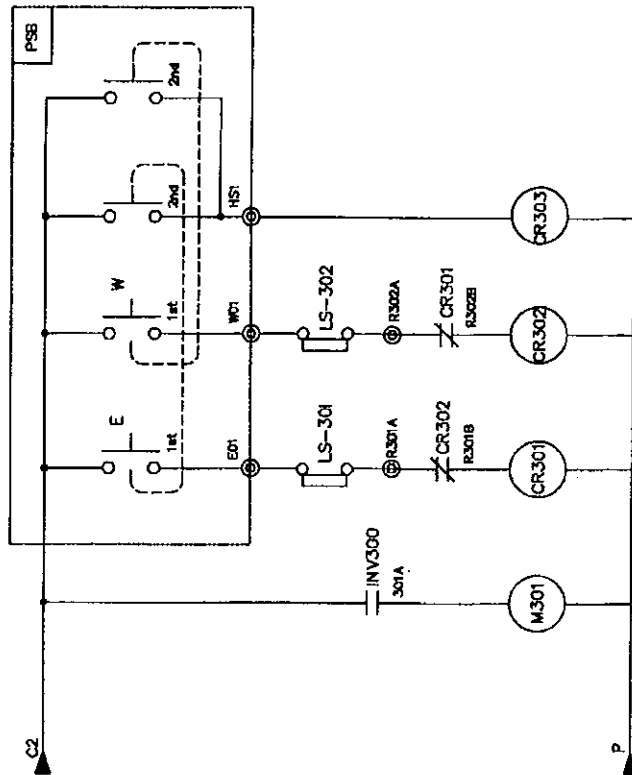
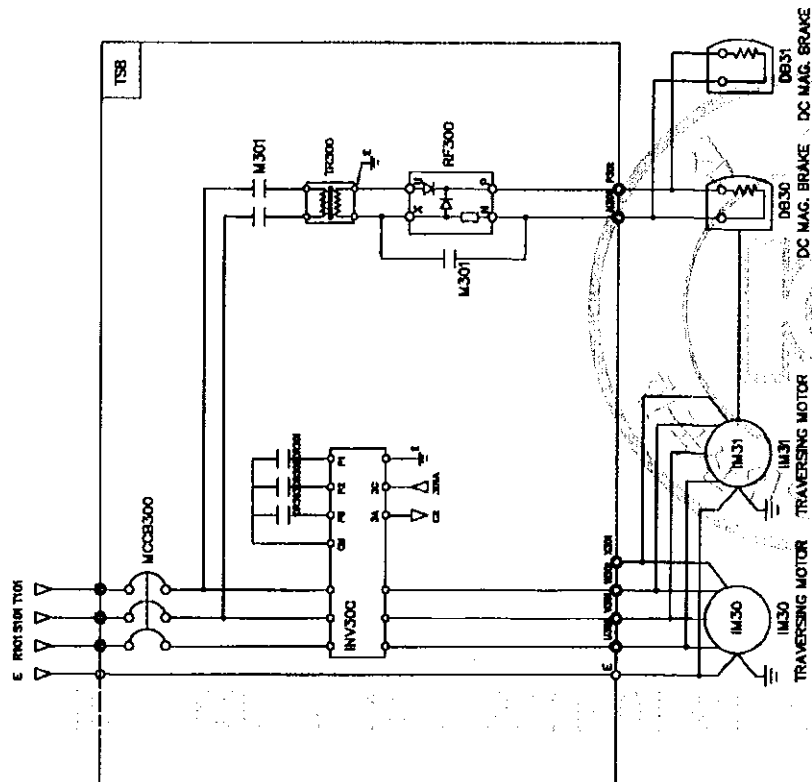


R1	SI	TI	UN3001000	P301000	C2	P	EB1	2004	MM	2000	1457
----	----	----	-----------	---------	----	---	-----	------	----	------	------

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

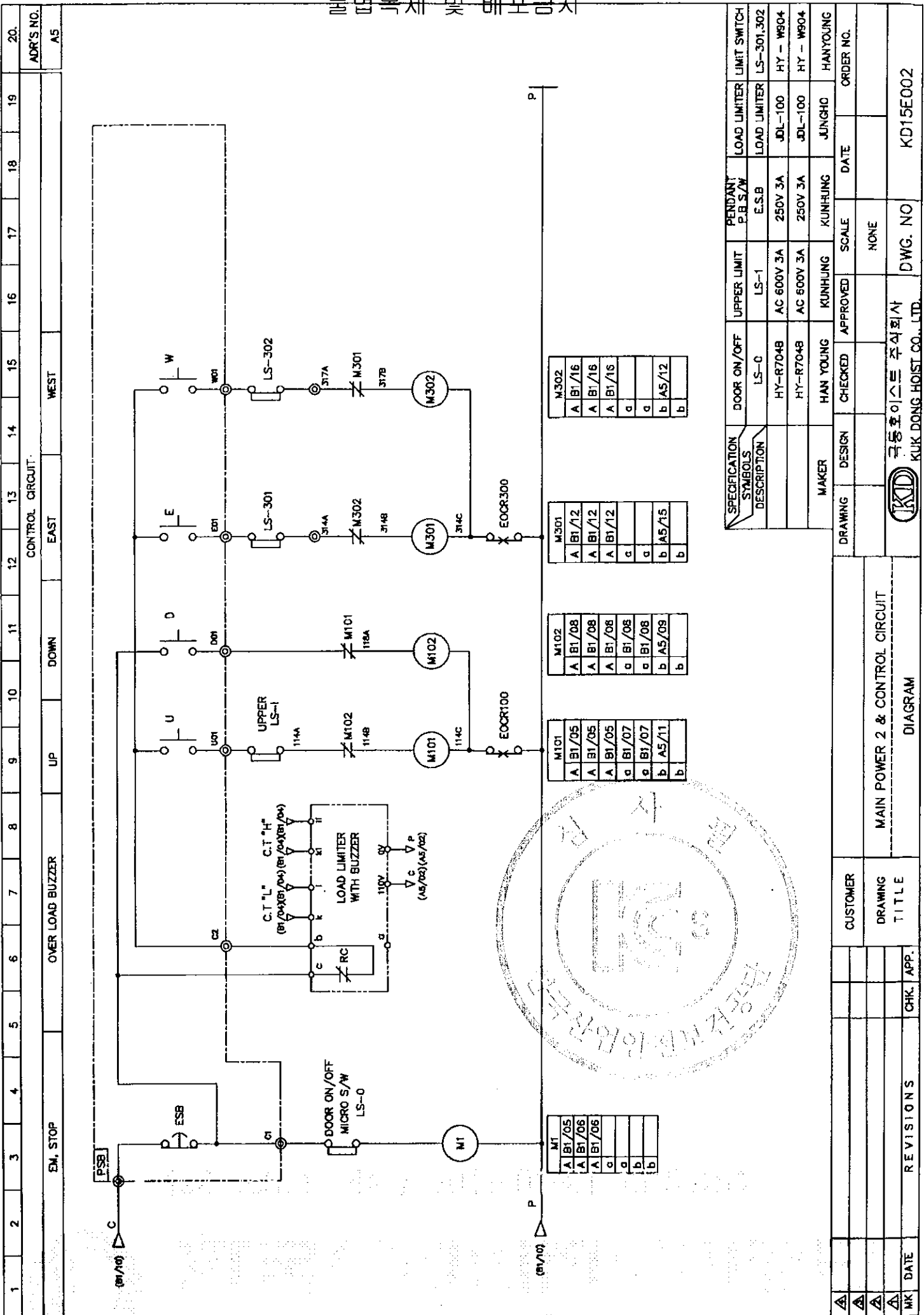
[illegible]

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

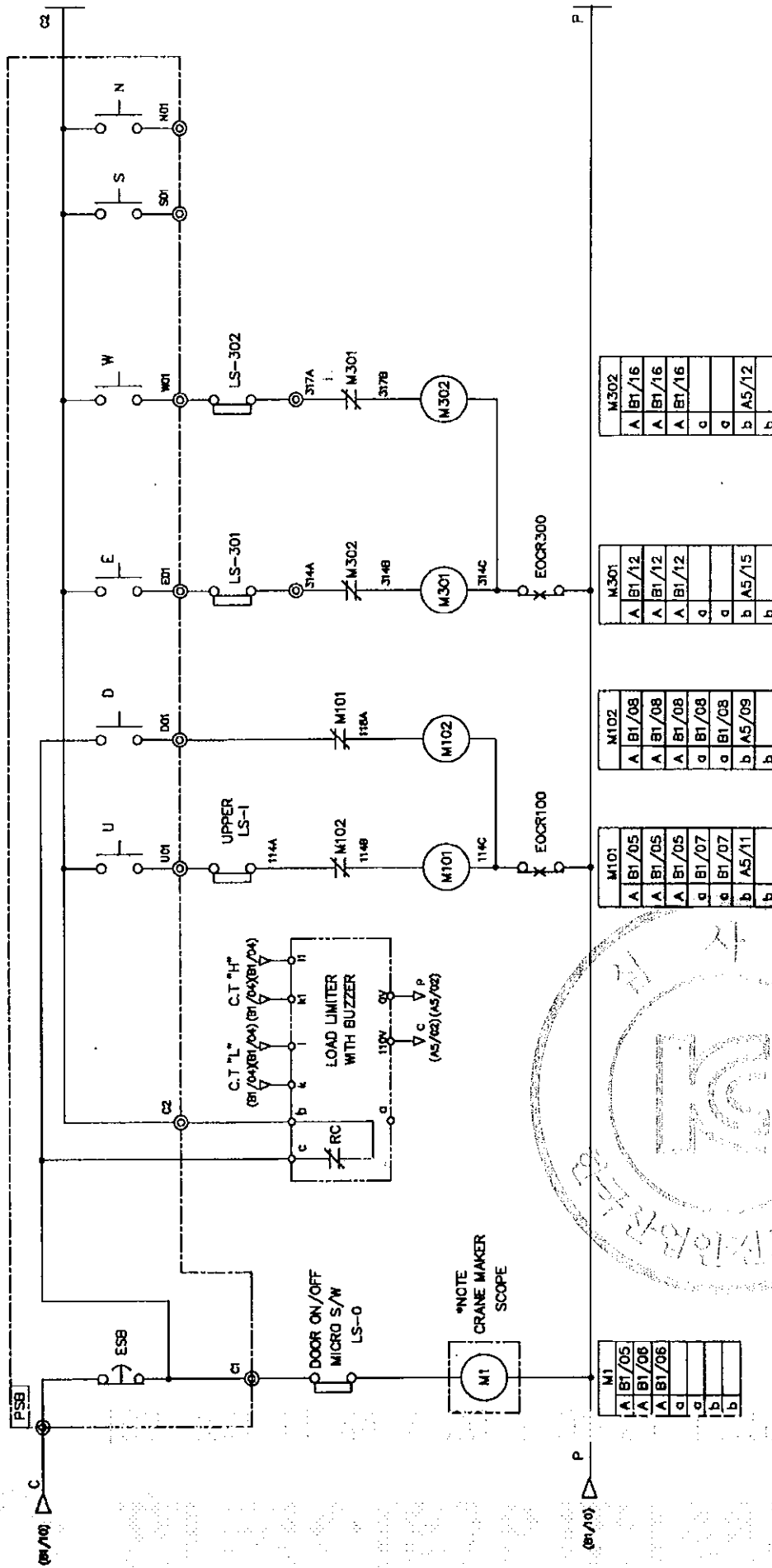


SPECIFICATION SYMBOLS		TRAVERING POWER		TRAVERING MOTOR		DC MAG. BRAKE		NO FUSE BREAKER		TRANSFORMER		BRAKE MAGNET		CONTROL RELAY		INVERTER		SILICON RECTIFIER	
DESCRIPTION		AC 3PH 220V 60Hz		IM 30.31		DB30,31		MCCB300		TR 300		M301		CR301,302,303		INV300		RF300	
		AC 3PH 220V 60Hz		1.0KW x 6P		DC 100V		DBE-33AF/15AT		220/220V,300VA		DM-22C		MINI 4a4b(Co AC110V)		SV037IG5A-2		SR-30	
SELECTION		AC 3PH 380(440,460,480)V 60Hz		1.0KW x 6P		DC 100V		DBE-33AF/15AT		380(440,460,480)/220V,300VA		DM-22C		MINI 4a4b(Co AC110V)		SV037IG5A-4		SR-30	
MAKER		KUK DONG HOIST														LS		ASECO	
		CUSTOMER		INVERTER CONTROL						DRAWING		DESIGN		CHECKED		APPROVED		SCALE	
				DRAWING TITLE		TRAVERSING POWER & CONTROL CIRCUIT													
REVISIONS		CHK. APP.		DIAGRAM												DWG. NO		KD15EI003	
DATE				KDD		KDD		KDD		KDD		KDD		KDD		KDD		KDD	
MK				KUK DONG HOIST CO., LTD.		KUK DONG HOIST CO., LTD.		KUK DONG HOIST CO., LTD.		KUK DONG HOIST CO., LTD.		KUK DONG HOIST CO., LTD.		KUK DONG HOIST CO., LTD.		KUK DONG HOIST CO., LTD.		KUK DONG HOIST CO., LTD.	

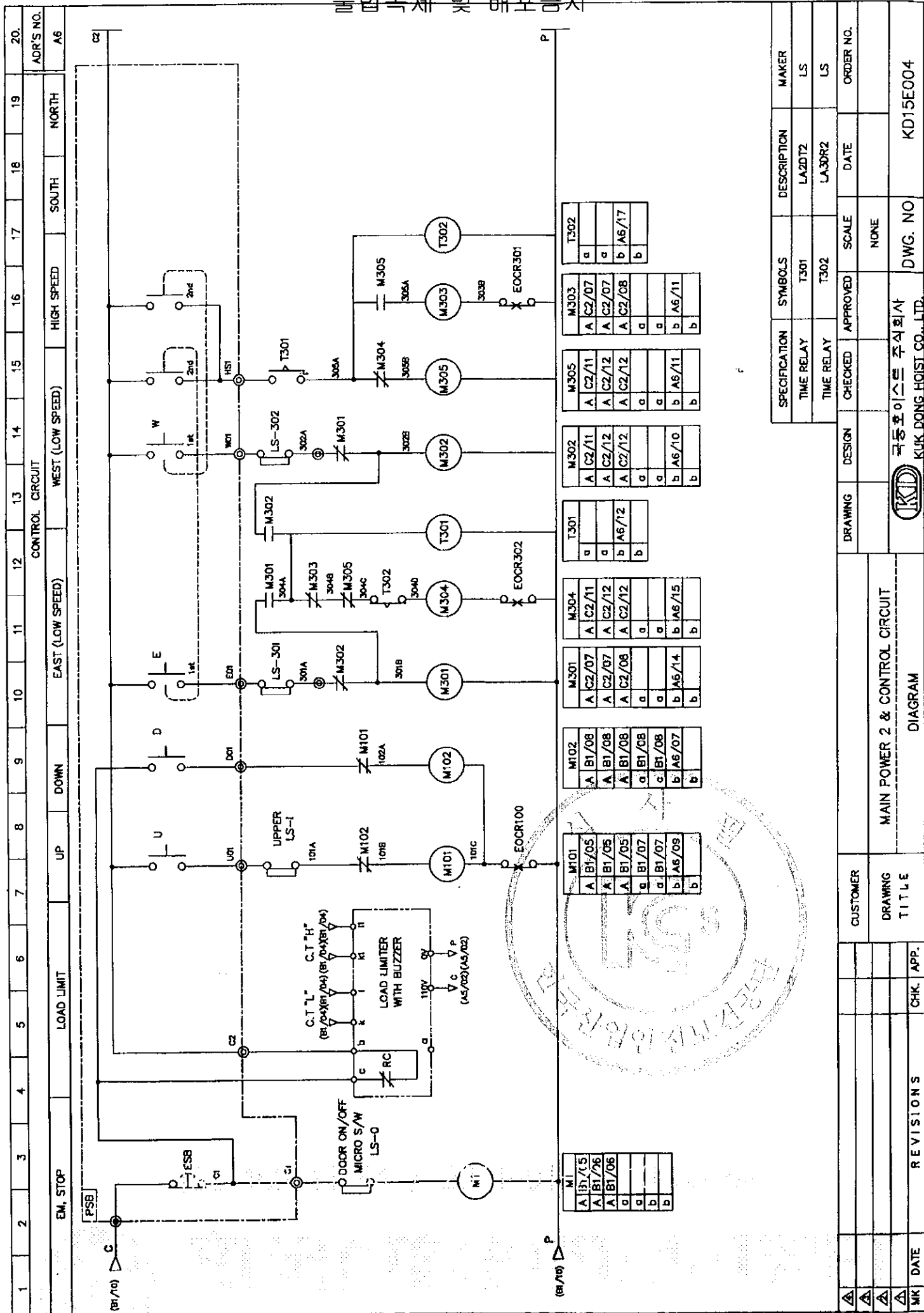
192.168.11.44 / 2011-01-21 13:55:54



1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20.
CONTROL CIRCUIT																			
EM. STOP				OVER LOAD BUZZER				UP	DOWN	EAST	WEST	SOUTH	NORTH	ADR'S NO.					
																			A5



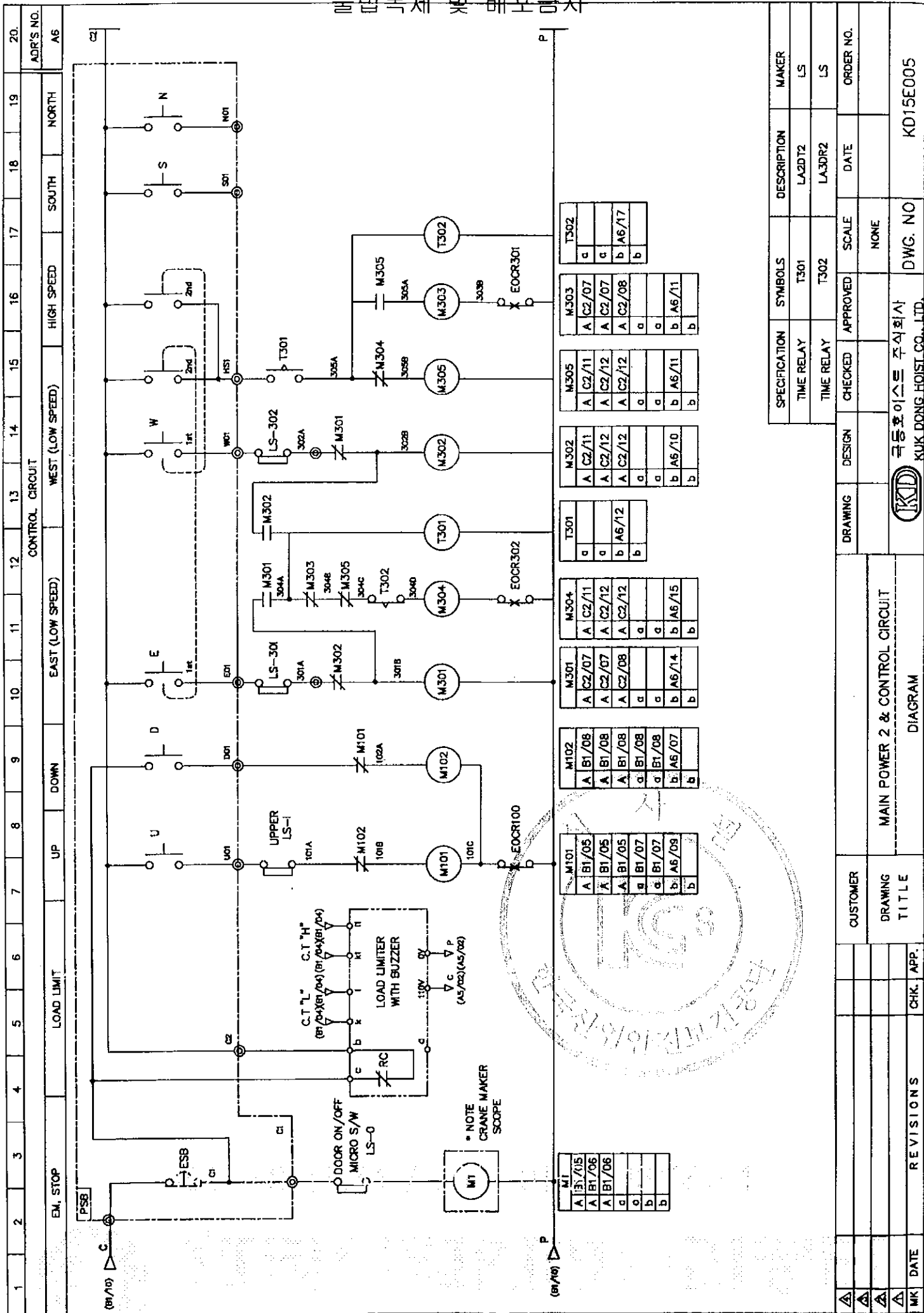
SPECIFICATION SYMBOLS		DOOR ON/OFF		UPPER LIMIT		PENDANT P.B S/W		LOAD LIMITER		LIMIT SWITCH	
DESCRIPTION		LS-0		LS-1		E.S.B		LS-301,302		LS-301,302	
		HY-R704B		AC 600V 3A		250V 3A		JDL-100		HY - W904	
		HY-R704B		AC 600V 3A		250V 3A		JDL-100		HY - W904	
MAKER		HAN YOUNG		KUNHUNG		KUNHUNG		JUNG-HO		HANYOUNG	
DRAWING		DESIGN		APPROVED		SCALE		DATE		ORDER NO.	
						NONE					
CUSTOMER		DRAWING TITLE		REVISIONS		CHK. APP.		DATE		DWG. NO	
		MAIN POWER 2 & CONTROL CIRCUIT								KD15E003	
		DIAGRAM									

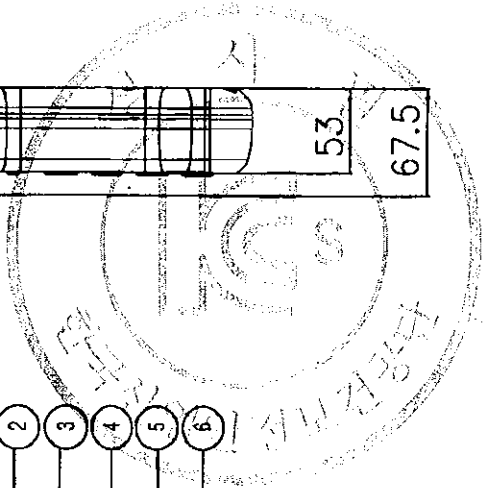


SPECIFICATION		SYMBOLS		DESCRIPTION		MAKER	
TIME RELAY		T301		LA2DT2		LS	
TIME RELAY		T302		LA3DR2		LS	

DRAWING	DESIGN	CHECKED	APPROVED	SCALE	DATE	ORDER NO.
				NONE		

MAIN POWER 2 & CONTROL CIRCUIT		DWG. NO		KID15E004	
DIAGRAM		KUK DONG HOIST CO., LTD.		KID	





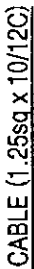
⑦

* BODY COLOR : YELLOW, BLACK

* | P : 55 0 | 상

1 2 3 4 5 6

MK	DATE	REVISIONS	CHK.	APP.	CUSTOMER DRAWING TITLE	PENDANT PUSH BUTTON SWITCH LAY OUT	DRAWING DESIGN CHECKED APPROVED	SCALE	DATE		
							KD KUK DONG HOIST CO., LTD.	DWG. NO	KD-E1001		



모조와이어로프 (ø 2.0)

②

 $\emptyset \Delta$

464.7

354.9

66

67

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

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

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

LOAD LIMITER 권고 SETTING치

* POWER SOURCE : AC 3Φ 220V 60Hz

극동하이스트(주)

HOIS	MOTOR 용량	LOAD LIMITER 권고 SETTING치			LOAD CURRENT		C.T MODEL	연결단자 NO	C.T 용량	REMARK
		LOAD CURRENT	ADJ	SHOCK TIME	100%	110%				
10 TON	9.0KW x 8P	110%	1 SEC	1 SEC	45.0 A	49.5 A	CT-2	K-K1, L-L1	5 V.A	
	13KW x 6P	110%	1 SEC	1 SEC	53.0 A	58.3 A	CT-2	K-K1, L-L1	5 V.A	
15 TON	8.5KW x 12P	110%	1 SEC	1 SEC	58.6 A	64.4 A	CT-2	K-K1, L-L1	5 V.A	
	13KW x 8P	110%	1 SEC	1 SEC	59.0 A	64.9 A	CT-2	K-K1, L-L1	5 V.A	
20 TON	11.5KW x 12P	110%	1 SEC	1 SEC	70.8 A	77.9 A	CT-2	K-K1, L-L1	5 V.A	
	17KW x 8P	110%	1 SEC	1 SEC	76.6 A	84.3 A	CT-2	K-K1, L-L1	5 V.A	
	23KW x 6P	110%	1 SEC	1 SEC	93.2 A	100.4 A	CT-2	K-K1, L-L1	5 V.A	
30 TON	11.5KW x 12P	110%	1 SEC	1 SEC	70.8 A	77.9 A	CT-2	K-K1, L-L1	5 V.A	
	17KW x 8P	110%	1 SEC	1 SEC	76.6 A	84.3 A	CT-2	K-K1, L-L1	5 V.A	
	23KW x 6P	110%	1 SEC	1 SEC	93.2 A	100.4 A	CT-2	K-K1, L-L1	5 V.A	
35 TON	33KW x 6P	110%	1 SEC	1 SEC	126.6 A	134.2 A	CT-2	K-K1, L-L1	5 V.A	
40 TON	33KW x 6P	110%	1 SEC	1 SEC	126.6 A	134.2 A	CT-2	K-K1, L-L1	5 V.A	
50 TON	33KW x 6P	110%	1 SEC	1 SEC	126.6 A	134.2 A	CT-2	K-K1, L-L1	5 V.A	
60 TON	33KW x 6P	110%	1 SEC	1 SEC	126.6 A	134.2 A	CT-2	K-K1, L-L1	5 V.A	
70 TON	33KW x 6P	110%	1 SEC	1 SEC	126.6 A	134.2 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

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%				
10 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	
	13KW x 6P	110%	1 SEC	1 SEC	30.7 A	33.8 A	CT-2	K-K1, L-L1	5 V.A	
15 TON	8.5KW x 12P	110%	1 SEC	1 SEC	33.9 A	38.3 A	CT-2	K-K1, L-L1	5 V.A	
	13KW x 8P	110%	1 SEC	1 SEC	34.2 A	38.8 A	CT-2	K-K1, L-L1	5 V.A	
20 TON	11.5KW x 12P	110%	1 SEC	1 SEC	41.0 A	46.8 A	CT-2	K-K1, L-L1	5 V.A	
	17KW x 8P	110%	1 SEC	1 SEC	44.3 A	50.1 A	CT-2	K-K1, L-L1	5 V.A	
30 TON	23KW x 6P	110%	1 SEC	1 SEC	54.0 A	60.2 A	CT-2	K-K1, L-L1	5 V.A	
	11.5KW x 12P	110%	1 SEC	1 SEC	41.0 A	46.8 A	CT-2	K-K1, L-L1	5 V.A	
35 TON	17KW x 8P	110%	1 SEC	1 SEC	44.3 A	50.1 A	CT-2	K-K1, L-L1	5 V.A	
	23KW x 6P	110%	1 SEC	1 SEC	54.0 A	60.2 A	CT-2	K-K1, L-L1	5 V.A	
40 TON	33KW x 6P	110%	1 SEC	1 SEC	77.3 A	82.8 A	CT-2	K-K1, L-L1	5 V.A	
	33KW x 6P	110%	1 SEC	1 SEC	77.3 A	82.8 A	CT-2	K-K1, L-L1	5 V.A	
50 TON	33KW x 6P	110%	1 SEC	1 SEC	77.3 A	82.8 A	CT-2	K-K1, L-L1	5 V.A	
	33KW x 6P	110%	1 SEC	1 SEC	77.3 A	82.8 A	CT-2	K-K1, L-L1	5 V.A	
60 TON	33KW x 6P	110%	1 SEC	1 SEC	77.3 A	82.8 A	CT-2	K-K1, L-L1	5 V.A	
	33KW x 6P	110%	1 SEC	1 SEC	77.3 A	82.8 A	CT-2	K-K1, L-L1	5 V.A	
70 TON	33KW x 6P	110%	1 SEC	1 SEC	77.3 A	82.8 A	CT-2	K-K1, L-L1	5 V.A	
	33KW x 6P	110%	1 SEC	1 SEC	77.3 A	82.8 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

국동호이스트(주)

HOIST	MOTOR 용량	LOAD LIMITER 권고 SETTING치			LOAD CURRENT		C.T MODEL	연결단자 NO	C.T 용량	REMARK
		LOAD CURRENT	ADJ START TIME	SHOCK TIME	100%	110%				
10 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	
	13KW x 6P	110%	1 SEC	1 SEC	26.5 A	29.2 A	CT-2	K-K1, L-L1	5 V.A	
15 TON	8.5KW x 12P	110%	1 SEC	1 SEC	29.3 A	33.4 A	CT-2	K-K1, L-L1	5 V.A	
	13KW x 8P	110%	1 SEC	1 SEC	29.5 A	33.6 A	CT-2	K-K1, L-L1	5 V.A	
20 TON	11.5KW x 12P	110%	1 SEC	1 SEC	35.4 A	39.7 A	CT-2	K-K1, L-L1	5 V.A	
	17KW x 8P	110%	1 SEC	1 SEC	38.3 A	42.1 A	CT-2	K-K1, L-L1	5 V.A	
30 TON	23KW x 6P	110%	1 SEC	1 SEC	46.6 A	50.3 A	CT-2	K-K1, L-L1	5 V.A	
	11.5KW x 12P	110%	1 SEC	1 SEC	35.4 A	39.7 A	CT-2	K-K1, L-L1	5 V.A	
35 TON	17KW x 8P	110%	1 SEC	1 SEC	38.3 A	42.1 A	CT-2	K-K1, L-L1	5 V.A	
	23KW x 6P	110%	1 SEC	1 SEC	46.6 A	50.3 A	CT-2	K-K1, L-L1	5 V.A	
40 TON	33KW x 6P	110%	1 SEC	1 SEC	63.6 A	68.6 A	CT-2	K-K1, L-L1	5 V.A	
	33KW x 6P	110%	1 SEC	1 SEC	63.6 A	68.6 A	CT-2	K-K1, L-L1	5 V.A	
50 TON	33KW x 6P	110%	1 SEC	1 SEC	63.6 A	68.6 A	CT-2	K-K1, L-L1	5 V.A	
	33KW x 6P	110%	1 SEC	1 SEC	63.6 A	68.6 A	CT-2	K-K1, L-L1	5 V.A	
60 TON	33KW x 6P	110%	1 SEC	1 SEC	63.6 A	68.6 A	CT-2	K-K1, L-L1	5 V.A	
	33KW x 6P	110%	1 SEC	1 SEC	63.6 A	68.6 A	CT-2	K-K1, L-L1	5 V.A	
70 TON	33KW x 6P	110%	1 SEC	1 SEC	63.6 A	68.6 A	CT-2	K-K1, L-L1	5 V.A	
	33KW x 6P	110%	1 SEC	1 SEC	63.6 A	68.6 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

극동하이스트(주)

* POWER SOURCE : AC 3Φ 460V 60HZ

HOIST	MOTOR 용량	LOAD LIMITER 권고 SETTING치			LOAD CURRENT		C.T MODEL	연결단자 NO	C.T 용량	REMARK
		LOAD CURRENT	ADJ START TIME	SHOCK TIME	100%	110%				
10 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	
	13KW x 6P	110%	1 SEC	1 SEC	25.4 A	28.0 A	CT-2	K-K1, L-L1	5 V.A	
15 TON	8.5KW x 12P	110%	1 SEC	1 SEC	28.1 A	32.0 A	CT-2	K-K1, L-L1	5 V.A	
	13KW x 8P	110%	1 SEC	1 SEC	28.4 A	32.1 A	CT-2	K-K1, L-L1	5 V.A	
20 TON	11.5KW x 12P	110%	1 SEC	1 SEC	33.9 A	37.7 A	CT-2	K-K1, L-L1	5 V.A	
	17KW x 8P	110%	1 SEC	1 SEC	36.7 A	40.5 A	CT-2	K-K1, L-L1	5 V.A	
25 TON	23KW x 6P	110%	1 SEC	1 SEC	44.5 A	48.3 A	CT-2	K-K1, L-L1	5 V.A	
	11.5KW x 12P	110%	1 SEC	1 SEC	33.9 A	37.7 A	CT-2	K-K1, L-L1	5 V.A	
30 TON	17KW x 8P	110%	1 SEC	1 SEC	36.7 A	40.5 A	CT-2	K-K1, L-L1	5 V.A	
	23KW x 6P	110%	1 SEC	1 SEC	44.5 A	48.3 A	CT-2	K-K1, L-L1	5 V.A	
35 TON	33KW x 6P	110%	1 SEC	1 SEC	60.5 A	65.5 A	CT-2	K-K1, L-L1	5 V.A	
40 TON	33KW x 6P	110%	1 SEC	1 SEC	60.5 A	65.5 A	CT-2	K-K1, L-L1	5 V.A	
50 TON	33KW x 6P	110%	1 SEC	1 SEC	60.5 A	65.5 A	CT-2	K-K1, L-L1	5 V.A	
60 TON	33KW x 6P	110%	1 SEC	1 SEC	60.5 A	65.5 A	CT-2	K-K1, L-L1	5 V.A	
70 TON	33KW x 6P	110%	1 SEC	1 SEC	60.5 A	65.5 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

극동하이스트(주)

* POWER SOURCE : AC 3Φ 480V/60Hz

HOIST	MOTOR 용량	LOAD LIMITER 권고 SETTING치			LOAD CURRENT		C.T MODEL	연결단자 NO	C.T 용량	REMARK
		LOAD CURRENT	ADJ START TIME	SHOCK TIME	100%	110%				
10 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	
	13KW x 6P	110%	1 SEC	1 SEC	25.4 A	28.0 A	CT-2	K-K1, L-L1	5 V.A	
15 TON	8.5KW x 12P	110%	1 SEC	1 SEC	26.9 A	31.1 A	CT-2	K-K1, L-L1	5 V.A	
	13KW x 8P	110%	1 SEC	1 SEC	27.2 A	31.4 A	CT-2	K-K1, L-L1	5 V.A	
20 TON	11.5KW x 12P	110%	1 SEC	1 SEC	32.5 A	36.9 A	CT-2	K-K1, L-L1	5 V.A	
	17KW x 8P	110%	1 SEC	1 SEC	35.2 A	39.6 A	CT-2	K-K1, L-L1	5 V.A	
	23KW x 6P	110%	1 SEC	1 SEC	42.6 A	46.9 A	CT-2	K-K1, L-L1	5 V.A	
30 TON	11.5KW x 12P	110%	1 SEC	1 SEC	32.5 A	36.9 A	CT-2	K-K1, L-L1	5 V.A	
	17KW x 8P	110%	1 SEC	1 SEC	35.2 A	39.6 A	CT-2	K-K1, L-L1	5 V.A	
	23KW x 6P	110%	1 SEC	1 SEC	42.6 A	46.9 A	CT-2	K-K1, L-L1	5 V.A	
35 TON	33KW x 6P	110%	1 SEC	1 SEC	58.0 A	62.8 A	CT-2	K-K1, L-L1	5 V.A	
40 TON	33KW x 6P	110%	1 SEC	1 SEC	58.0 A	62.8 A	CT-2	K-K1, L-L1	5 V.A	
50 TON	33KW x 6P	110%	1 SEC	1 SEC	58.0 A	62.8 A	CT-2	K-K1, L-L1	5 V.A	
60 TON	33KW x 6P	110%	1 SEC	1 SEC	58.0 A	62.8 A	CT-2	K-K1, L-L1	5 V.A	
70 TON	33KW x 6P	110%	1 SEC	1 SEC	58.0 A	62.8 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.

E.O.C.R 권고 SETTING치

* POWER SOURCE : AC 3Φ 220V 60Hz

극동호이스트(주)

HOIST	MOTOR 용량	MOTOR 정격 전류	DRIVE TYPE	E.O.C.R TYPE	권고 SETTING 치		REMARK
					DELAY TIME	CURRENT	
10 TON	9.0KW x 8P	45.0 A	1 DRAVE	SS-60	3 SEC	45.0 A	
	13KW x 6P	53.0 A	1 DRAVE	SS-60	3 SEC	53.0 A	
15 TON	8.5KW x 12P	58.6 A	1 DRAVE	SS-60	3 SEC	58.6 A	
	13KW x 8P	59.0 A	1 DRAVE	SS-60	3 SEC	59.0 A	
20 TON	11.5KW x 12P	70.8 A	1 DRAVE	SS-100	3 SEC	70.8 A	
	17KW x 8P	76.6 A	1 DRAVE	SS-100	3 SEC	76.6 A	
30 TON	23KW x 6P	93.2 A	1 DRAVE	SS-100	3 SEC	93.2 A	
	11.5KW x 12P	70.8 A	1 DRAVE	SS-100	3 SEC	70.8 A	
35 TON	17KW x 8P	76.6 A	1 DRAVE	SS-100	3 SEC	76.6 A	
	23KW x 6P	93.2 A	1 DRAVE	SS-100	3 SEC	93.2 A	
40 TON	33KW x 6P	126.6 A	1 DRAVE	SS-130	3 SEC	126.6 A	
50 TON	33KW x 6P	126.6 A	1 DRAVE	SS-130	3 SEC	126.6 A	
60 TON	33KW x 6P	126.6 A	1 DRAVE	SS-130	3 SEC	126.6 A	
70 TON	33KW x 6P	126.6 A	1 DRAVE	SS-130	3 SEC	126.6 A	

NOTE

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

E.O.C.R 권고 SETTING치

극동호이스트(주)

* POWER SOURCE : AC 3Φ 380V 60HZ

HOIST	MOTOR 용량	MOTOR 정격 전류	DRIVE TYPE	E.O.C.R TYPE	권고 SETTING 치			REMARK
					DELAY TIME	ERATION TI	CURRENT	
10 TON	9.0KW x 8P	26.0 A	1 DRAVE	SS-30	3 SEC	1 SEC	26.0 A	
	13KW x 6P	30.7 A	1 DRAVE	SS-60	3 SEC	1 SEC	30.7 A	
15 TON	8.5KW x 12P	33.9 A	1 DRAVE	SS-60	3 SEC	1 SEC	33.9 A	
	13KW x 8P	34.2 A	1 DRAVE	SS-60	3 SEC	1 SEC	34.2 A	
20 TON	11.5KW x 12P	41.0 A	1 DRAVE	SS-60	3 SEC	1 SEC	41.0 A	
	17KW x 8P	44.3 A	1 DRAVE	SS-60	3 SEC	1 SEC	44.3 A	
	23KW x 6P	54.0 A	1 DRAVE	SS-60	3 SEC	1 SEC	54.0 A	
30 TON	11.5KW x 12P	41.0 A	1 DRAVE	SS-60	3 SEC	1 SEC	41.0 A	
	17KW x 8P	43.3 A	1 DRAVE	SS-60	3 SEC	1 SEC	43.3 A	
	23KW x 6P	54.0 A	1 DRAVE	SS-60	3 SEC	1 SEC	54.0 A	
35 TON	33KW x 6P	77.3 A	1 DRAVE	SS-100	3 SEC	1 SEC	77.3 A	
40 TON	33KW x 6P	77.3 A	1 DRAVE	SS-100	3 SEC	1 SEC	77.3 A	
50 TON	33KW x 6P	77.3 A	1 DRAVE	SS-100	3 SEC	1 SEC	77.3 A	
60 TON	33KW x 6P	77.3 A	1 DRAVE	SS-100	3 SEC	1 SEC	77.3 A	
70 TON	33KW x 6P	77.3 A	1 DRAVE	SS-100	3 SEC	1 SEC	77.3 A	

NOTE

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

E.O.C.R 권고 SETTING치

* POWER SOURCE : AC 3Φ 440V 60HZ

국동호이스트(주)

HOIST	MOTOR 용량	MOTOR 정격 전류	DRIVE TYPE	E.O.C.R TYPE	권고 SETTING 치			REMARK
					DELAY TIME	ERATION TI	CURRENT	
10 TON	9.0KW x 8P	22.5 A	1 DRAVE	SS-30	3 SEC	1 SEC	22.5 A	
	13KW x 6P	26.5 A	1 DRAVE	SS-30	3 SEC	1 SEC	26.5 A	
15 TON	8.5KW x 12P	29.3 A	1 DRAVE	SS-30	3 SEC	1 SEC	29.3 A	
	13KW x 8P	29.5 A	1 DRAVE	SS-30	3 SEC	1 SEC	29.5 A	
20 TON	11.5KW x 12P	35.4 A	1 DRAVE	SS-60	3 SEC	1 SEC	35.4 A	
	17KW x 8P	38.3 A	1 DRAVE	SS-60	3 SEC	1 SEC	38.3 A	
	23KW x 6P	44.6 A	1 DRAVE	SS-60	3 SEC	1 SEC	44.6 A	
30 TON	11.5KW x 12P	35.4 A	1 DRAVE	SS-60	3 SEC	1 SEC	35.4 A	
	17KW x 8P	38.3 A	1 DRAVE	SS-60	3 SEC	1 SEC	38.3 A	
	23KW x 6P	44.6 A	1 DRAVE	SS-60	3 SEC	1 SEC	44.6 A	
35 TON	33KW x 6P	63.3 A	1 DRAVE	SS-100	3 SEC	1 SEC	63.3 A	
40 TON	33KW x 6P	63.3 A	1 DRAVE	SS-100	3 SEC	1 SEC	63.3 A	
50 TON	33KW x 6P	63.3 A	1 DRAVE	SS-100	3 SEC	1 SEC	63.3 A	
60 TON	33KW x 6P	63.3 A	1 DRAVE	SS-100	3 SEC	1 SEC	63.3 A	
70 TON	33KW x 6P	63.3 A	1 DRAVE	SS-100	3 SEC	1 SEC	63.3 A	

NOTE

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

E.O.C.R 권고 SETTING치

극동호이스트(주)

* POWER SOURCE : AC 3Φ 460V 60Hz

HOIST	MOTOR 용량	MOTOR 정격 전류	DRIVE TYPE	E.O.C.R TYPE	권고 SETTING 치			REMARK
					DELAY TIME	ERATION TI	CURRENT	
10 TON	9.0KW x 8P	21.5 A	1 DRAVE	SS-30	3 SEC	1 SEC	21.5 A	
	13KW x 6P	25.4 A	1 DRAVE	SS-30	3 SEC	1 SEC	25.4 A	
15 TON	8.5KW x 12P	28.1 A	1 DRAVE	SS-30	3 SEC	1 SEC	28.1 A	
	13KW x 8P	28.4 A	1 DRAVE	SS-30	3 SEC	1 SEC	28.4 A	
20 TON	11.5KW x 12P	33.9 A	1 DRAVE	SS-60	3 SEC	1 SEC	33.9 A	
	17KW x 8P	36.7 A	1 DRAVE	SS-60	3 SEC	1 SEC	36.7 A	
	23KW x 6P	44.5 A	1 DRAVE	SS-60	3 SEC	1 SEC	44.5 A	
30 TON	11.5KW x 12P	33.9 A	1 DRAVE	SS-60	3 SEC	1 SEC	33.9 A	
	17KW x 8P	36.7 A	1 DRAVE	SS-60	3 SEC	1 SEC	36.7 A	
	23KW x 6P	44.5 A	1 DRAVE	SS-60	3 SEC	1 SEC	44.5 A	
35 TON	33KW x 6P	60.5 A	1 DRAVE	SS-100	3 SEC	1 SEC	60.5 A	
40 TON	33KW x 6P	60.5 A	1 DRAVE	SS-100	3 SEC	1 SEC	60.5 A	
50 TON	33KW x 6P	60.5 A	1 DRAVE	SS-100	3 SEC	1 SEC	60.5 A	
60 TON	33KW x 6P	60.5 A	1 DRAVE	SS-100	3 SEC	1 SEC	60.5 A	
70 TON	33KW x 6P	60.5 A	1 DRAVE	SS-100	3 SEC	1 SEC	60.5 A	

NOTE

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

E.O.C.R 권고 SETTING치

* POWER SOURCE : AC 3Φ 480V 60Hz

극동호이스트(주)

HOIST	MOTOR 용량	MOTOR 정격 전류	DRIVE TYPE	E.O.C.R TYPE	권고 SETTING 치			REMARK
					DELAY TIME	ERATION TIME	CURRENT	
10 TON	9.0KW x 8P	20.6 A	1 DRAVE	SS-30	3 SEC	1 SEC	20.6 A	
	13KW x 6P	25.4 A	1 DRAVE	SS-30	3 SEC	1 SEC	25.4 A	
15 TON	8.5KW x 12P	26.9 A	1 DRAVE	SS-30	3 SEC	1 SEC	26.9 A	
	13KW x 8P	27.2 A	1 DRAVE	SS-30	3 SEC	1 SEC	27.2 A	
20 TON	11.5KW x 12P	32.5 A	1 DRAVE	SS-60	3 SEC	1 SEC	32.5 A	
	17KW x 8P	35.2 A	1 DRAVE	SS-60	3 SEC	1 SEC	35.2 A	
	23KW x 6P	42.6 A	1 DRAVE	SS-60	3 SEC	1 SEC	42.6 A	
30 TON	11.5KW x 12P	32.5 A	1 DRAVE	SS-60	3 SEC	1 SEC	32.5 A	
	17KW x 8P	35.2 A	1 DRAVE	SS-60	3 SEC	1 SEC	35.2 A	
	23KW x 6P	42.6 A	1 DRAVE	SS-60	3 SEC	1 SEC	42.6 A	
35 TON	33KW x 6P	58.0 A	1 DRAVE	SS-60	3 SEC	1 SEC	58.0 A	
40 TON	33KW x 6P	58.0 A	1 DRAVE	SS-60	3 SEC	1 SEC	58.0 A	
50 TON	33KW x 6P	58.0 A	1 DRAVE	SS-60	3 SEC	1 SEC	58.0 A	
60 TON	33KW x 6P	58.0 A	1 DRAVE	SS-60	3 SEC	1 SEC	58.0 A	
70 TON	33KW x 6P	58.0 A	1 DRAVE	SS-60	3 SEC	1 SEC	58.0 A	

NOTE

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

THREE PHASE INDUCTION MOTOR DATE SHEET

SCHEDULE OF TECHNICAL DATA

1. SERVICE	HOISTING
2. MANUFACTURE	극동호이스트 (주)
3. FRAME NUMBER	200 M
4. RATED POWER	13 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	864 RPM
11. FULL LOAD CURRENT	59.0 A
12. STARTING CURRENT AT RATED VOLTAGE	344.5 A
13. MINIMUM STARTING VOLTAGE	200 V
14. EFFICIENCY AT 100% RATED LOAD	82.0 %
15. POWER FACTOR AT 100% RATED LOAD	70.5 %
16. STARTING TORQUE	31.2 KG.M
17. SITE ALTITUDE(UNDER)	1000 M
18. ENCLOSURE & COOLING METHOD	TEN V
19. TYPE OF BEARING	PL : 6311zz OPL : 6311zz
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

1. SERVICE	HOISTING
2. MANUFACTURE	극동호이스트 (주)
3. FRAME NUMBER	200 M
4. RATED POWER	13 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 TEMPERATURE RISE(BY RESISTANCE)	80 °C
10. FULL LOAD SPEED	864 RPM
11. FULL LOAD CURRENT	34.2 A
12. STARTING CURRENT AT RATED VOLTAGE	199 A
13. MINIMUM STARTING VOLTAGE	345 V
14. EFFICIENCY AT 100% RATED LOAD	82.0 %
15. POWER FACTOR AT 100% RATED LOAD	70.5 %
16. STARTING TORQUE	31.2 KG.M
17. SITE ALTITUDE(UNDER)	1000 M
18. ENCLOSURE & COOLING METHOD	TENV
19. TYPE OF BEARING	PL : 6311zz OPL : 6311zz
20. MOUNTING	HORIZONTAL
21. MAXIMUM AMBIENT TEMPURE	40 °C
22. BEARING LUBRICATION	GREASE
23. STARTING METHOD	FULL VOLTAGE

THREE PHASE INDUCTION MOTOR DATE SHEET

SCHEDULE OF TECHNICAL DATA

1. SERVICE	HOISTING
2. MANUFACTURE	극동호이스트 (주)
3. FRAME NUMBER	200 M
4. RATED POWER	13 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	864 RPM
11. FULL LOAD CURRENT	29.5 A
12. STARTING CURRENT AT RATED VOLTAGE	173 A
13. MINIMUM STARTING VOLTAGE	400 V
14. EFFICIENCY AT 100% RATED LOAD	82.0 %
15. POWER FACTOR AT 100% RATED LOAD	70.5 %
16. STARTING TORQUE	31.2 KG.M
17. SITE ALTTITUDE(UNDER)	1000 M
18. ENCLOSURE & COOLING METHOD	T E N V
19. TYPE OF BEARING	PL : 6311zz OPL : 6311zz
20. MOUNTING	H O R I Z O N T A L
21. MAXIMUM AMBIENT 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

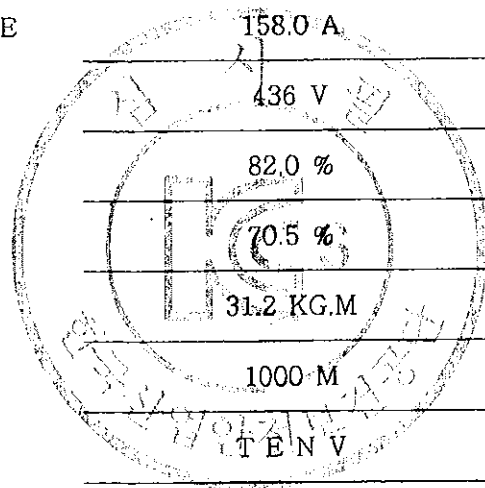
SCHEDULE OF TECHNICAL DATA

1. SERVICE	HOISTING
2. MANUFACTURE	극동호이스트 (주)
3. FRAME NUMBER	200 M
4. RATED POWER	13 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 °C
10. FULL LOAD SPEED	864 RPM
11. FULL LOAD CURRENT	28.4 A
12. STARTING CURRENT AT RATED VOLTAGE	164.8 A
13. MINIMUM STARTING VOLTAGE	418 V
14. EFFICIENCY AT 100% RATED LOAD	82.0 %
15. POWER FACTOR AT 100% RATED LOAD	70.5 %
16. STARTING TORQUE	31.2 KG.M
17. SITE ALTTITUDE(UNDER)	1000 M
18. ENCLOSURE & COOLING METHOD	TEN V
19. TYPE OF BEARING	PL : 6311zz OPL : 6311zz
20. MOUNTING	HORIZONTAL
21. MAXIMUM AMBIENT TEMPURE	40 °C
22. BEARING LUBRICATION	GREASE
23. STARTING METHOD	FULL VOLTAGE

THREE PHASE INDUCTION MOTOR DATE SHEET

SCHEDULE OF TECHNICAL DATA

1. SERVICE	HOISTING
2. MANUFACTURE	극동호이스트 (주)
3. FRAME NUMBER	200 M
4. RATED POWER	13 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	864 RPM
11. FULL LOAD CURRENT	27.2 A
12. STARTING CURRENT AT RATED VOLTAGE	158.0 A
13. MINIMUM STARTING VOLTAGE	436 V
14. EFFICIENCY AT 100% RATED LOAD	82.0 %
15. POWER FACTOR AT 100% RATED LOAD	70.5 %
16. STARTING TORQUE	31.2 KG.M
17. SITE ALTTITUDE(UNDER)	1000 M
18. ENCLOSURE & COOLING METHOD	TEN V
19. TYPE OF BEARING	PL : 6311zz OPL : 6311zz
20. MOUNTING	HORIZONTAL
21. MAXIMUM AMBIENT TEMPURE	40 ℃
22. BEARING LUBRICATION	GREASE
23. STARTING METHOD	FULL VOLTAGE



THREE PHASE INDUCTION MOTOR DATE SHEET

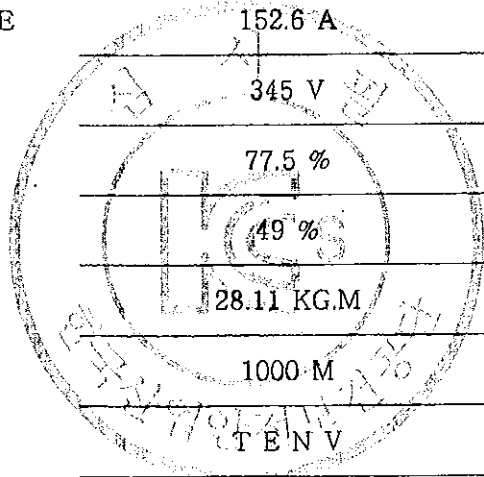
SCHEDULE OF TECHNICAL DATA

1. SERVICE	HOISTING
2. MANUFACTURE	극동호이스트 (주)
3. FRAME NUMBER	200 M
4. RATED POWER	8.5 KW x 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 °C
10. FULL LOAD SPEED	576 RPM
11. FULL LOAD CURRENT	58.6 A
12. STARTING CURRENT AT RATED VOLTAGE	263.7 A
13. MINIMUM STARTING VOLTAGE	200 V
14. EFFICIENCY AT 100% RATED LOAD	77.5 %
15. POWER FACTOR AT 100% RATED LOAD	49 %
16. STARTING TORQUE	28.11 KG.M
17. SITE ALTTITUDE(UNDER)	1000 M
18. ENCLOSURE & COOLING METHOD	T E N V
19. TYPE OF BEARING	PL : 6311zz OPL : 6311zz
20. MOUNTING	HORIZONTAL
21. MAXIMUM AMBIENT TEMPURE	40 °C
22. BEARING LUBRICATION	GREASE
23. STARTING METHOD	FULL VOLTAGE

THREE PHASE INDUCTION MOTOR DATE SHEET

SCHEDULE OF TECHNICAL DATA

1. SERVICE	HOISTING
2. MANUFACTURE	극동호이스트 (주)
3. FRAME NUMBER	200 M
4. RATED POWER	8.5 KW x 12 P
5. RATED VOLTAGE AND FREQUENCY	380 V 60 Hz
6. MOTOR TYPE	SQUIRREL CAGE ROTOR TYPE
7. SERVICE FACTOR AND RATTING	1.0 , 30 MIN
8. LOCATION AND INSULATION CLASS	INDOOR, OUTDOOR, B CLASS
9. DESIGN TRMPERATURE RISE(BY RESISTANCE)	80 ℃
10. FULL LOAD SPEED	576 RPM
11. FULL LOAD CURRENT	33.9 A
12. STARTING CURRENT AT RATED VOLTAGE	152.6 A
13. MINIMUM STARTING VOLTAGE	345 V
14. EFFICIENCY AT 100% RATED LOAD	77.5 %
15. POWER FACTOR AT 100% RATED LOAD	49 %
16. STARTING TORQUE	28.11 KG.M
17. SITE ALTTITUDE(UNDER)	1000 M
18. ENCLOSURE & COOLING METHOD	T E N V
19. TYPE OF BEARING	PL : 6311zz OPL : 6311zz
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

1. SERVICE	HOISTING
2. MANUFACTURE	극동호이스트 (주)
3. FRAME NUMBER	200 M
4. RATED POWER	8.5 KW x 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	576 RPM
11. FULL LOAD CURRENT	29.3 A
12. STARTING CURRENT AT RATED VOLTAGE	131.9 A
13. MINIMUM STARTING VOLTAGE	400 V
14. EFFICIENCY AT 100% RATED LOAD	77.5 %
15. POWER FACTOR AT 100% RATED LOAD	49 %
16. STARTING TORQUE	28.11 KG.M
17. SITE ALTTITUDE(UNDER)	1000 M
18. ENCLOSURE & COOLING METHOD	TENV
19. TYPE OF BEARING	PL : 6311zz OPL : 6311zz
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	200 M
4. RATED POWER	8.5 KW x 12 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 TRMPERATURE RISE(BY RESISTANCE)	80 °C
10. FULL LOAD SPEED	576 RPM
11. FULL LOAD CURRENT	28.1 A
12. STARTING CURRENT AT RATED VOLTAGE	126.5 A
13. MINIMUM STARTING VOLTAGE	418 V
14. EFFICIENCY AT 100% RATED LOAD	77.5 %
15. POWER FACTOR AT 100% RATED LOAD	49 %
16. STARTING TORQUE	28.11 KG.M
17. SITE ALTTITUDE(UNDER)	1000 M
18. ENCLOSURE & COOLING METHOD	T E N V
19. TYPE OF BEARING	PL : 6311zz OPL : 6311zz
20. MOUNTING	HORIZONTAL
21. MAXIMUM AMBIENT TEMPURE	40 °C
22. BEARING LUBRICATION	GREASE
23. STARTING METHOD	FULL VOLTAGE

THREE PHASE INDUCTION MOTOR DATE SHEET

SCHEDULE OF TECHNICAL DATA

1. SERVICE	HOISTING
2. MANUFACTURE	극동호이스트 (주)
3. FRAME NUMBER	200 M
4. RATED POWER	8.5 KW x 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 °C
10. FULL LOAD SPEED	576 RPM
11. FULL LOAD CURRENT	26.9 A
12. STARTING CURRENT AT RATED VOLTAGE	121.2 A
13. MINIMUM STARTING VOLTAGE	436 V
14. EFFICIENCY AT 100% RATED LOAD	77.5 %
15. POWER FACTOR AT 100% RATED LOAD	49 %
16. STARTING TORQUE	28.11 KG.M
17. SITE ALTITUDE(UNDER)	1000 M
18. ENCLOSURE & COOLING METHOD	TENV
19. TYPE OF BEARING	PL : 6311zz OPL : 6311zz
20. MOUNTING	HORIZONTAL
21. MAXIMUM AMBIENT TEMFURE	40 °C
22. BEARING LUBRICATION	GREASE
23. STARTING METHOD	FULL VOLTAGE

THREE PHASE INDUCTION MOTOR DATE SHEET

SCHEDULE OF TECHNICAL DATA

1. SERVICE	TRAVERSING
2. MANUFACTURE	극동호이스트 (주)
3. FRAME NUMBER	90 L
4. RATED POWER	1.5 KW x 4 P
5. RATED VOLTAGE AND FREQUENCY	220 V 60 Hz
6. MOTOR TYPE	SQUIRREL CAGE ROTOR TYPE
7. SERVICE FACTOR AND RATting	1.0 , 30 MIN
8. LOCATION AND INSULATION CLASS	INDOOR, OUTDOOR, B CLASS
9. DESIGN TRMPERATURE RISE(BY RESISTANCE)	80 °C
10. FULL LOAD SPEED	1692 RPM
11. FULL LOAD CURRENT	7.3 A
12. STARTING CURRENT AT RATED VOLTAGE	42.0 A
13. MINIMUM STARTING VOLTAGE	200 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 TEMPURE	40 °C
22. BEARING LUBRICATION	GREASE
23. STARTING METHOD	FULL VOLTAGE

THREE PHASE INDUCTION MOTOR DATE SHEET

SCHEDULE OF TECHNICAL DATA

1. SERVICE	TRAVELLING
2. MANUFACTURE	극동호이스트 (주)
3. FRAME NUMBER	90 L
4. RATED POWER	1.5 KW x 4 P
5. RATED VOLTAGE AND FREQUENCY	380 V 60 Hz
6. MOTOR TYPE	SQUIRREL CAGE ROTOR TYPE
7. SERVICE FACTOR AND RATting	1.0 , 30 MIN
8. LOCATION AND INSULATION CLASS	INDOOR, OUTDOOR, B CLASS
9. DESIGN TRMPERATURE RISE(BY RESISTANCE)	80 ℃
10. FULL LOAD SPEED	1692 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 TEMFURE	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	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	1692 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	T E N V
19. TYPE OF BEARING	PL : 6205zz OPL : 6204zz
20. MOUNTING	HORIZONTAL
21. MAXIMUM AMBIENT TEMPIRE	40 ℃
22. BEARING LUBRICATION	GREASE
23. STARTING METHOD	FULL VOLTAGE

THREE PHASE INDUCTION MOTOR DATE SHEET

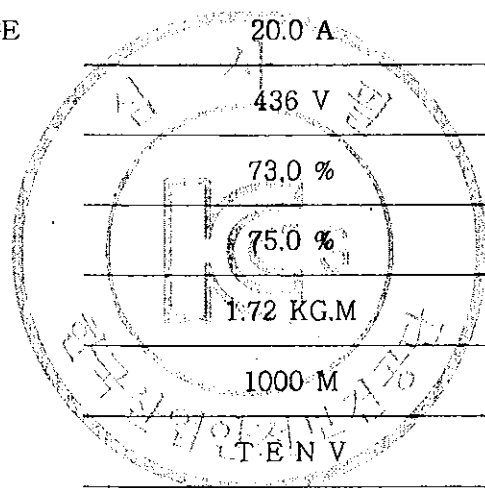
SCHEDULE OF TECHNICAL DATA

1. SERVICE	TRAVERSING
2. MANUFACTURE	극동호이스트 (주)
3. FRAME NUMBER	90 L
4. RATED POWER	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 °C
10. FULL LOAD SPEED	1692 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	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	1.5 KW x 4 P
5. RATED VOLTAGE AND FREQUENCY	480 V 60 Hz
6. MOTOR TYPE	SQUIRREL CAGE ROTOR TYPE
7. SERVICE FACTOR AND RATting	1.0 , 30 MIN
8. LOCATION AND INSULATION CLASS	INDOOR, OUTDOOR, B CLASS
9. DESIGN TRMPERATURE RISE(BY RESISTANCE)	80 ℃
10. FULL LOAD SPEED	1692 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 ALTTITUDE(UNDER)	1000 M
18. ENCLOSURE & COOLING METHOD	TEN V
19. TYPE OF BEARING	PL : 6205zz OPL : 6204zz
20. MOUNTING	HORIZONTAL
21. MAXIMUM AMBIENT TEMFURE	40 ℃
22. BEARING LUBRICATION	GREASE
23. STARTING METHOD	FULL VOLTAGE



THREE PHASE INDUCTION MOTOR DATE SHEET

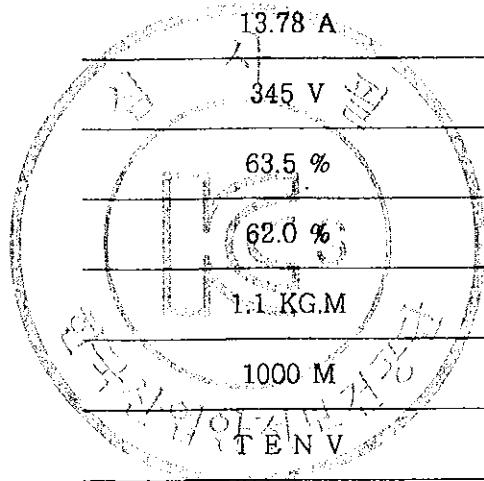
SCHEDULE OF TECHNICAL DATA

1. SERVICE	HOISTING
2. MANUFACTURE	극동호이스트 (주)
3. FRAME NUMBER	80 S
4. RATED POWER	1.0 KW x 6 P
5. RATED VOLTAGE AND FREQUENCY	220 V 60 Hz
6. MOTOR TYPE	SQUIRREL CAGE ROTOR TYPE
7. SERVICE FACTOR AND RATting	1.0 , 30 MIN
8. LOCATION AND INSULATION CLASS	INDOOR, OUTDOOR, B CLASS
9. DESIGN TRMPERATURE RISE(BY RESISTANCE)	80 ℃
10. FULL LOAD SPEED	1128 RPM
11. FULL LOAD CURRENT	6.7 A
12. LOCKED ROTOR CURRENT	23.8 A
13. MINIMUM STARTING VOLTAGE	200 V
14. EFFICIENCY AT 100% RATED LOAD	63.5 %
15. POWER FACTOR AT 100% RATED LOAD	62.0 %
16. STARTING TORQUE	1.1 KG.M
17. SITE ALTITUDE(UNDER)	1000 M
18. ENCLOSURE & COOLING METHOD	TEN V
19. TYPE OF BEARING	PL : 6207zz OPL : 6204zz
20. MOUNTING	HORIZONTAL
21. MAXIMUM AMEIENT TEMPURE	40 ℃
22. BEARING LUBRICATION	GREASE
23. STARTING METHOD	FULL VOLTAGE

THREE PHASE INDUCTION MOTOR DATE SHEET

SCHEDULE OF TECHNICAL DATA

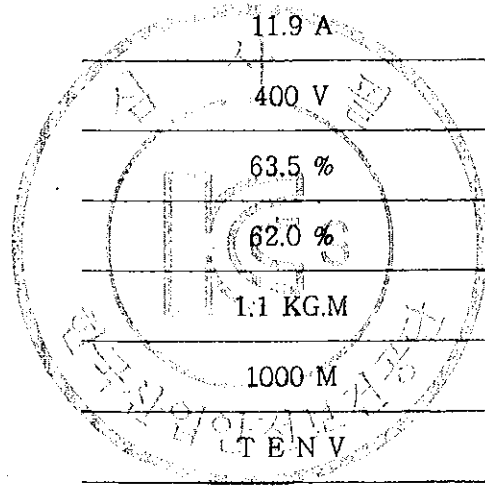
1. SERVICE	HOISTING
2. MANUFACTURE	극동호이스트 (주)
3. FRAME NUMBER	80 S
4. RATED POWER	1.0 KW x 6 P
5. RATED VOLTAGE AND FREQUENCY	380 V 60 Hz
6. MOTOR TYPE	SQUIRREL CAGE ROTOR TYPE
7. SERVICE FACTOR AND RATTING	1.0 , 30 MIN
8. LOCATION AND INSULATION CLASS	INDOOR, OUTDOOR, B CLASS
9. DESIGN TRMPERATURE RISE(BY RESISTANCE)	80 °C
10. FULL LOAD SPEED	1128 RPM
11. FULL LOAD CURRENT	3.9 A
12. LOCKED ROTOR CURRENT	13.78 A
13. MINIMUM STARTING VOLTAGE	345 V
14. EFFICIENCY AT 100% RATED LOAD	63.5 %
15. POWER FACTOR AT 100% RATED LOAD	62.0 %
16. STARTING TORQUE	1.1 K.G.M
17. SITE ALTITUDE(UNDER)	1000 M
18. ENCLOSURE & COOLING METHOD	TENV
19. TYPE OF BEARING	PL : 6207zz 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	HOISTING
2. MANUFACTURE	극동호이스트 (주)
3. FRAME NUMBER	80 S
4. RATED POWER	1.0 KW x 6 P
5. RATED VOLTAGE AND FREQUENCY	440 V 60 Hz
6. MOTOR TYPE	SQUIRREL CAGE ROTOR TYPE
7. SERVICE FACTOR AND RATting	1.0 , 30 MIN
8. LOCATION AND INSULATION CLASS	INDOOR, OUTDOOR, B CLASS
9. DESIGN TRMPERATURE RISE(BY RESISTANCE)	80 ℃
10. FULL LOAD SPEED	1128 RPM
11. FULL LOAD CURRENT	3.3 A
12. LOCKER ROTOR CURRENT	11.9 A
13. MINIMUM STARTING VOLTAGE	400 V
14. EFFICIENCY AT 100% RATED LOAD	63.5 %
15. POWER FACTOR AT 100% RATED LOAD	62.0 %
16. STARTING TORQUE	1.1 KG.M
17. SITE ALTTITUDE(UNDER)	1000 M
18. ENCLOSURE & COOLING METHOD	TEN V
19. TYPE OF BEARING	PL : 6207zz OPL : 6204zz
20. MOUNTING	HORIZONTAL
21. MAXIMUM AMBIENT TEMPERATURE	40 ℃
22. BEARING LUBRICATION	GREASE
23. STARTING METHOD	FULL VOLTAGE



THREE PHASE INDUCTION MOTOR DATE SHEET

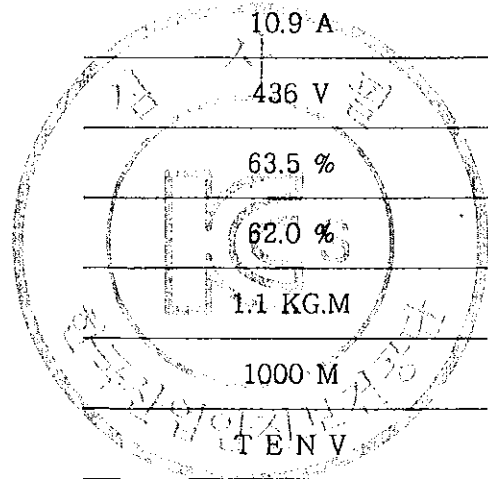
SCHEDULE OF TECHNICAL DATA

1. SERVICE	HOISTING
2. MANUFACTURE	극동호이스트 (주)
3. FRAME NUMBER	80 S
4. RATED POWER	1.0 KW x 6 P
5. RATED VOLTAGE AND FREQUENCY	460 V 60 Hz
6. MOTOR TYPE	SQUIRREL CAGE ROTOR TYPE
7. SERVICE FACTOR AND RATting	1.0 , 30 MIN
8. LOCATION AND INSULATION CLASS	INDOOR, OUTDOOR, B CLASS
9. DESIGN TRMPERATURE RISE(BY RESISTANCE)	80 ℃
10. FULL LOAD SPEED	1128 RPM
11. FULL LOAD CURRENT	3.2 A
12. LOCKER ROTOR CURRENT	11.37 A
13. MINIMUM STARTING VOLTAGE	418 V
14. EFFICIENCY AT 100% RATED LOAD	63.5 %
15. POWER FACTOR AT 100% RATED LOAD	62.0 %
16. STARTING TORQUE	1.1 KG.M
17. SITE ALTTITUDE(UNDER)	1000 M
18. ENCLOSURE & COOLING METHOD	T E N V
19. TYPE OF BEARING	PL : 6207zz OPL : 6204zz
20. MOUNTING	H O R I Z O N T A L
21. MAXIMUM AMBIENT TEMFURE	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	HOISTING
2. MANUFACTURE	극동호이스트 (주)
3. FRAME NUMBER	80 S
4. RATED POWER	1.0 KW x 6 P
5. RATED VOLTAGE AND FREQUENCY	480 V 60 Hz
6. MOTOR TYPE	SQUIRREL CAGE ROTOR TYPE
7. SERVICE FACTOR AND RATting	1.0 , 30 MIN
8. LOCATION AND INSULATION CLASS	INDOOR, OUTDOOR, B CLASS
9. DESIGN TRMPERATURE RISE(BY RESISTANCE)	80 ℃
10. FULL LOAD SPEED	1128 RPM
11. FULL LOAD CURRENT	3.1 A
12. LOCKER ROTOR CURRENT	10.9 A
13. MINIMUM STARTING VOLTAGE	436 V
14. EFFICIENCY AT 100% RATED LOAD	63.5 %
15. POWER FACTOR AT 100% RATED LOAD	62.0 %
16. STARTING TORQUE	1.1 KG.M
17. SITE ALTTITUDE(UNDER)	1000 M
18. ENCLOSURE & COOLING METHOD	TEN V
19. TYPE OF BEARING	PL : 6207zz OPL : 6204zz
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

1. SERVICE	TRAVERSING
2. MANUFACTURE	극동호이스트(주)
3. FRAME NUMBER	90 L
4. RATED POWER	1.5/0.75 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	1700/815 RPM
11. FULL LOAD CURRENT	7.2/6.2 A
12. STARTING CURRENT AT RATED VOLTAGE	35.6/21.7 A
13. MINIMUM STARTING VOLTAGE	200 V
14. EFFICIENCY AT 100% RATED LOAD	69.5/63 %
15. POWER FACTOR AT 100% RATED LOAD	74/50 %
16. STARTING TORQUE	1.48/1.22 KG.M
17. SITE ALTITUDE(UNDER)	1000 M
18. ENCLOSURE & COOLING METHOD	T E N V
19. TYPE OF BEARING	PL : 6206zz OPL : 6206zz
20. MOUNTING	H O R I Z O N T A L
21. MAXIMUM AMBIENT 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	TRAVERSING
2. MANUFACTURE	극동호이스트(주)
3. FRAME NUMBER	90 L
4. RATED POWER	1.5/0.75 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	1700/815 RPM
11. FULL LOAD CURRENT	4.17/3.59 A
12. STARTING CURRENT AT RATED VOLTAGE	20.6/12.56 A
13. MINIMUM STARTING VOLTAGE	345 V
14. EFFICIENCY AT 100% RATED LOAD	69.5/63 %
15. POWER FACTOR AT 100% RATED LOAD	74/50 %
16. STARTING TORQUE	1.48/1.22 KG-M
17. SITE ALTTITUDE(UNDER)	1000 M
18. ENCLOSURE & COOLING METHOD	T E N V
19. TYPE OF BEARING	PL : 6206zz OPL : 6206zz
20. MOUNTING	HORIZONTAL
21. MAXIMUM AMBIENT TEMPURE	40 °C
22. BEARING LUBRICATION	GREASE
23. STARTING METHOD	FULL VOLTAGE

THREE PHASE INDUCTION MOTOR DATE SHEET

SCHEDULE OF TECHNICAL DATA

1. SERVICE	TRAVERSING
2. MANUFACTURE	극동호이스트(주)
3. FRAME NUMBER	90 L
4. RATED POWER	1.5/0.75 KW x 4/8 P
5. RATED VOLTAGE AND FREQUENCY	440 V 60 Hz
6. MOTOR TYPE	SQUIRREL CAGE ROTOR TYPE
7. SERVICE FACTOR AND RATting	1.0 , 30 MIN
8. LOCATION AND INSULATION CLASS	INDOOR, OUTDOOR, B CLASS
9. DESIGN TRMPERATURE RISE(BY RESISTANCE)	80 ℃
10. FULL LOAD SPEED	1700/815 RPM
11. FULL LOAD CURRENT	3.6/3.1 A
12. STARTING CURRENT AT RATED VOLTAGE	17.8/10.85 A
13. MINIMUM STARTING VOLTAGE	400 V
14. EFFICIENCY AT 100% RATED LOAD	69.5/63 %
15. POWER FACTOR AT 100% RATED LOAD	74/50 %
16. STARTING TORQUE	1.48/1.22 KG.M
17. SITE ALTITUDE(UNDER)	1000 M
18. ENCLOSURE & COOLING METHOD	T E N V
19. TYPE OF BEARING	PL : 6206zz OPL : 6206zz
20. MOUNTING	HORIZONTAL
21. MAXIMUM AMBIENT TEMPURE	40 ℃
22. BEARING LUBRICATION	GREASE
23. STARTING METHOD	FULL VOLTAGE

THREE PHASE INDUCTION MOTOR DATE SHEET

SCHEDULE OF TECHNICAL DATA

1. SERVICE	TRAVERSING
2. MANUFACTURE	극동호이스트(주)
3. FRAME NUMBER	90 L
4. RATED POWER	1.5/0.75 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	1700/815 RPM
11. FULL LOAD CURRENT	3.44/2.96 A
12. STARTING CURRENT AT RATED VOLTAGE	16.99/10.36 A
13. MINIMUM STARTING VOLTAGE	418 V
14. EFFICIENCY AT 100% RATED LOAD	69.5/63 %
15. POWER FACTOR AT 100% RATED LOAD	74/50 %
16. STARTING TORQUE	1.48/1.22 KG.M
17. SITE ALTITUDE(UNDER)	1000 M
18. ENCLOSURE & COOLING METHOD	TENV
19. TYPE OF BEARING	PL : 6206zz OPL : 6206zz
20. MOUNTING	HORIZONTAL
21. MAXIMUM AMBIENT TEMPURE	40 ℃
22. BEARING LUBRICATION	GREASE
23. STARTING METHOD	FULL VOLTAGE

THREE PHASE INDUCTION MOTOR DATE SHEET

SCHEDULE OF TECHNICAL DATA

1. SERVICE	TRAVERSING
2. MANUFACTURE	극동호이스트(주)
3. FRAME NUMBER	90 L
4. RATED POWER	1.5/0.75 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	1700/815 RPM
11. FULL LOAD CURRENT	3.0/2.96 A
12. STARTING CURRENT AT RATED VOLTAGE	14.82/10.36 A
13. MINIMUM STARTING VOLTAGE	436 V
14. EFFICIENCY AT 100% RATED LOAD	69.5/63 %
15. POWER FACTOR AT 100% RATED LOAD	74/50 %
16. STARTING TORQUE	1.48/1.22 KG.M
17. SITE ALTTITUDE(UNDER)	1000 M
18. ENCLOSURE & COOLING METHOD	TENV
19. TYPE OF BEARING	PL : 6206zz OPL : 6206zz
20. MOUNTING	HORIZONTAL
21. MAXIMUM AMBIENT TEMPURE	40 ℃
22. BEARING LUBRICATION	GREASE
23. STARTING METHOD	FULL VOLTAGE

THREE PHASE INDUCTION MOTOR DATE SHEET

SCHEDULE OF TECHNICAL DATA

1. SERVICE	TRAVERSING
2. MANUFACTURE	극동호이스트(주)
3. FRAME NUMBER	112 S
4. RATED POWER	1.0/0.5 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	7.1/7.5 A
12. STARTING CURRENT AT RATED VOLTAGE	28.3/22.5 A
13. MINIMUM STARTING VOLTAGE	200 V
14. EFFICIENCY AT 100% RATED LOAD	59.5/35.0 %
15. POWER FACTOR AT 100% RATED LOAD	64.5/54.0 %
16. STARTING TORQUE	1.67/1.48 KGM
17. SITE ALTTITUDE(UNDER)	1000 M
18. ENCLOSURE & COOLING METHOD	TENV
19. TYPE OF BEARING	PL : 6206zz OPL : 6206zz
20. MOUNTING	HORIZONTAL
21. MAXIMUM AMBIENT TEMPURE	40 ℃
22. BEARING LUBRICATION	GREASE
23. STARTING METHOD	FULL VOLTAGE

THREE PHASE INDUCTION MOTOR DATE SHEET

SCHEDULE OF TECHNICAL DATA

1. SERVICE	TRAVERSING
2. MANUFACTURE	극동호이스트(주)
3. FRAME NUMBER	112 S
4. RATED POWER	1.0/0.5 KW x 6/12 P
5. RATED VOLTAGE AND FREQUENCY	380 V 60 Hz
6. MOTOR TYPE	SQUIRREL CAGE ROTOR TYPE
7. SERVICE FACTOR AND RATTING	1.0 , 30 MIN
8. LOCATION AND INSULATION CLASS	INDOOR, OUTDOOR, B CLASS
9. DESIGN TRMPERATURE RISE(BY RESISTANCE)	80 ℃
10. FULL LOAD SPEED	1050/460 RPM
11. FULL LOAD CURRENT	4.1/4.3 A
12. STARTING CURRENT AT RATED VOLTAGE	16.4/13.0 A
13. MINIMUM STARTING VOLTAGE	345 V
14. EFFICIENCY AT 100% RATED LOAD	69.5/35.0 %
15. POWER FACTOR AT 100% RATED LOAD	64.5/54.0 %
16. STARTING TORQUE	1.67/1.48 K.G.M
17. SITE ALTITUDE(UNDER)	1000 M
18. ENCLOSURE & COOLING METHOD	T E N V
19. TYPE OF BEARING	PL : 6206zz OPL : 6206zz
20. MOUNTING	H O R I Z O N T A L
21. MAXIMUM AMBIENT 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

192.168.11.44 / 2011-01-21 13:55:54

THREE PHASE INDUCTION MOTOR DATE SHEET

SCHEDULE OF TECHNICAL DATA

1. SERVICE	TRAVERSING
2. MANUFACTURE	극동호이스트(주)
3. FRAME NUMBER	112 S
4. RATED POWER	1.0/0.5 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	3.5/3.7 A
12. STARTING CURRENT AT RATED VOLTAGE	14.2/12.3 A
13. MINIMUM STARTING VOLTAGE	400 V
14. EFFICIENCY AT 100% RATED LOAD	59.5/35.0 %
15. POWER FACTOR AT 100% RATED LOAD	64.5/54.0 %
16. STARTING TORQUE	1.67/1.48 KGM
17. SITE ALTITUDE(UNDER)	1000 M
18. ENCLOSURE & COOLING METHOD	T E N V
19. TYPE OF BEARING	PL : 6206zz OPL : 6206zz
20. MOUNTING	HORIZONTAL
21. MAXIMUM AMBIENT TEMPURE	40 ℃
22. BEARING LUBRICATION	GREASE
23. STARTING METHOD	FULL VOLTAGE

THREE PHASE INDUCTION MOTOR DATE SHEET

SCHEDULE OF TECHNICAL DATA

1. SERVICE	TRAVERSING
2. MANUFACTURE	극동호이스트(주)
3. FRAME NUMBER	112 S
4. RATED POWER	1.0/0.5 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	3.4/3.6 A
12. STARTING CURRENT AT RATED VOLTAGE	13.5/10.8 A
13. MINIMUM STARTING VOLTAGE	418 V
14. EFFICIENCY AT 100% RATED LOAD	59.5/35.0 %
15. POWER FACTOR AT 100% RATED LOAD	64.5/54.0 %
16. STARTING TORQUE	1.67/1.48 KG.M
17. SITE ALTITUDE(UNDER)	1000 M
18. ENCLOSURE & COOLING METHOD	T E N V
19. TYPE OF BEARING	PL : 6206zz OPL : 6206zz
20. MOUNTING	HORIZONTAL
21. MAXIMUM AMBIENT TEMPURE	40 °C
22. BEARING LUBRICATION	GREASE
23. STARTING METHOD	FULL VOLTAGE

THREE PHASE INDUCTION MOTOR DATE SHEET

SCHEDULE OF TECHNICAL DATA

1. SERVICE	TRAVERSING
2. MANUFACTURE	극동호이스트(주)
3. FRAME NUMBER	112 S
4. RATED POWER	1.0/0.5 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	3.2/3.4 A
12. STARTING CURRENT AT RATED VOLTAGE	13.0/10.3 A
13. MINIMUM STARTING VOLTAGE	436 V
14. EFFICIENCY AT 100% RATED LOAD	59.5/35.0 %
15. POWER FACTOR AT 100% RATED LOAD	64.5/64.0 %
16. STARTING TORQUE	1.67/1.48 KG.M
17. SITE ALTTITUDE(UNDER)	1000 M
18. ENCLOSURE & COOLING METHOD	T E N V
19. TYPE OF BEARING	PL : 6206zz OPL : 6206zz
20. MOUNTING	H O R I Z O N T A L
21. MAXIMUM AMBIENT 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

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. PW9034

DATE Feb. 22, 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 3 REEL**EX NO. **PW9034**

T/T NO.

ORDER NO.

REEL NO.

1~3

SAMPLING NO.

1

DIAMETER OF ROPE

20.0

mm

TYPE OF CORE

Fiber Core

SPECIFIED BREAKING LOAD

227.0

kN

SAMPLE BROKE AT

239.0

kN

WT. OF ZINC COATING OF OUTER WIRE

MIN.

g/m²

MAX.

g/m²

ROPE LAY

RHRL

LAY LENGTH

194.6

mm

LUBRICATION

A-2**CHEMICAL ANALYSIS OF WIRE ROD**

CHARGE NO.	C×100	Si×100	Mn×100	P×1000	S×1000
046759E	70	21	72	11	7

DATE OF SAMPLE TEST

Feb. 15, 2010

CHIEF INSPECTOR D.S.NA
KISWIRE QINGDAO LTD.

SUB VENDOR LIST

구분	NO	DESCRIPTION	SUB VENDOR	TEL NO.	REMARK
기 계	1	WIRE ROPE	만호 로우프(주)	051-332-3131	
			고려제강 (주)	02-776-4131	
	2	MAGNET CORE	극동호이스트(주)	031-491-5311	
	3	DRUM	극동호이스트(주)	031-491-5311	
	4	GEAR	극동호이스트(주)	031-491-5311	
	5	HOOK ASS'Y	제 일 단 첼	032-527-2817	
			대 흥 단 조	032-561-0541	
	6	MIDDLE SHAFT	극동호이스트(주)	031-491-5311	
	7	RAIL CHANNEL ANGLE	인천제철(주)	032-763-5000	
			강원산업(주)	032-756-8881	
전 기	8	MAG CONTACTOR	L.G 전선 (주)	02-273-4140	전 품
			(주) 대 룡	02-242-4141	한국공업협회
			(주) 대성디에스	055-338-3125	
	9	E.O.C.R	삼화기연 (주)	032-62-1331	K.S
			아산 전기	02-2636-8035	
	10	PUSH BUTTON	한영전기 (주)	02-742-0430	전 품
			(주)케이지오토	02-247-3131	전 품
			반도기계 (주)	031-495-8353-4	전 품
	11	LOAD LIMITER	보 창 기 전	032-431-0150	산 안 검
			반도기계 (주)	031-495-8353-4	산 안 검
			정호 엔지니어링	02-681-0553	산 안 검
	12	SILICON	반도기계 (주)	031-495-8353-4	
			아산 전기	02-2636-8035	
			보 창 기 전	032-431-0150	