



제2017 - 49322 호

안 전 인 증 서

(사업장명) 극동호이스트(주)

(소 재 지) (154-23)경기도 안산시 단원구 해봉로 119(성곡동)

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 _____

KDC0.5-M (0.5Ton) / 17-AE2AC-00745 / 17-AE2AC-00745

_____ 인 증 기 준 _____

고용노동부 고시 제2016 - 29호 (위험기계·기구 안전인증 고시)

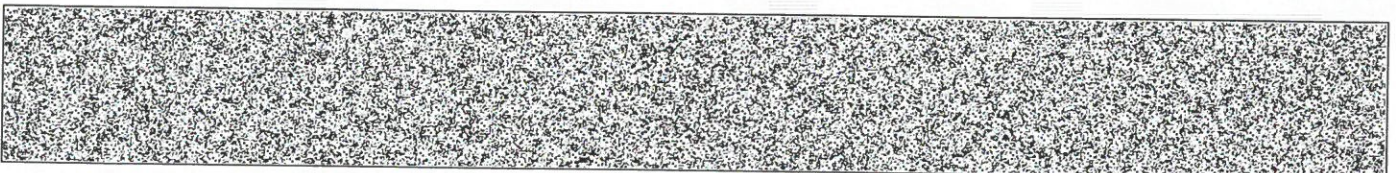
_____ 인 증 조 건 _____

인증유효기간 : 해당없음

설치장소 : 옥외

2017년 01월 10일

한국산업안전보건공단이사장





심사결과 통지서

신청인	사업장명	극동호이스트(주)	사업장관리번호	134-81-013350
	사업자등록번호	134-81-01335	대표자 성명	최성찬
	소재지	(425 - 833) 경기도 안산시 성곡동630-2 반월공단 B-607-14		
안전인증대상 기계·기구명				
			호이스트	
형 식 (규 격)		KDC0.5-M	용 량 (등 급)	0.5 Ton

산업안전보건법 제 34조 및 같은 법 시행규칙 제58조의4에 따라 실시한

[] 예비심사

[☒] 서면심사

[] 기술능력 및 생산체계 심사

[] 개별 제품심사

[] 개별 제품심사(제작중)

[] 형식별 제품심사

결과가 [☒] 적 합

[] 부적합

함을 통지합니다.

2014년 12월 22일

인증심사원

강성두 변명수

(서명 또는 인)

한국산업안전보건공단 경기서부지사장





심사결과 통지서

신청인	사업장명	극동호이스트(주)	사업장관리번호	134-81-013350
	사업자등록번호	134-81-01335	대표자 성명	최성찬
	소재지	(15423) 경기도 안산시 단원구 해봉로 119(성곡동)		
안전인증대상 기계·기구명				
호이스트				
형식(규격)	KDC0.5-M ()	용량(등급)	0.5 Ton	

산업안전보건법 제 34조 및 같은 법 시행규칙 제58조의4에 따라 실시한

- ☐ 예비심사
- ☐ 서면심사
- ☐ 기술능력 및 생산체계 심사
- ☐ 개별 제품심사
- ☐ 개별 제품심사(제작중)
- ☒ 형식별 제품심사

결과가 ☒ 적 합
☐ 부적합

함을 통지합니다.

2017년 01월 10일

인증심사원

김영태

(서명)

한국산업안전보건공단 중부지역본부장



서 면 심 사 서 류

형식 번호 : KDC0.5 - M

극 동 호 이 스트 (주)

工場 : 경기도 안산시 단원구 해봉로 119 (성곡동)

電話 : 031) 491 - 5311

FAX : 031) 494 - 5315

산업재해예방
안전보건공단
KOREA OCCUPATIONAL SAFETY & HEALTH AGENCY



동일 형식 일람표

사업장명		구동호이스트(승)	개정일자 및 번호		2014.12.09	인증번호	비고
형식	형식 및 모델		동일 형식 인정범위 및 내역			회행방식	
	모델		권상속도(m/min)	회행속도(m/min)	양정(m)	모터구동식	
KDC0.5-M	KDC0.5-L6-M		고속:12M/MIN	고속:24M/MIN	6		
	KDC0.5-L9-M				9		
	KDC0.5-L12-M				12		
	KDC0.5-L18-M				18		
	KDC0.5-L24-M		CREEP:1.2M/MIN	저속:16M/MIN	24		
	KDC0.5-L30-M				30		



I. 사양서



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KOREA OCCUPATIONAL SAFETY & HEALTH AGENCY



1) 호이스트 설계 조건



호 이 스톱 설 계 조 건

항 목		내 용	
형 식 번 호		KDC0.5-M	모 델 KDC0.5-L6-M, KDC0.5-L9-M KDC0.5-L12-M, KDC0.5-L18-M
형 식 번 호		모노 레일식 와이어 호이스트	
정 격 하 중	주 권	정격하중	0.5 TON
		시험하중	0.625 TON
	복 권	정격하중	-
		시험하중	-
주권 달기구	종 류	SINGLE HOOK & DOUBLE HOOK	
	자체하중	0.01	
양 정 (LIFT)		6 (9,12,18) M	
호이스트 (HOIST)	HIGH	SPEED	12 / 1.2 M/MIN
		MOTOR	2.4 /0.4 KW x 4P
	BRAKE	D.C MAGNET DISC BRAKE	
TRAVERSING	HIGH	SPEED	24 M/MIN
		MOTOR	0.75 KW x 4P
	LOW	SPEED	16 M/MIN
		MOTOR	0.5 KW x 6P
	BRAKE	D.C MAGNET DISC BRAKE & NO BRAKE	
WIRE ROPE		(6x19) ø8 x 2 FALLS	
POWER SOURCE	MAIN	AC ø3 x 220V (380,440,460,480V) x 60Hz	
	CONTROL	AC ø1 x 110V(120V) x 60Hz	
CONTROL METHOD		F.L 상 PUSH BUTTON 조작	
방 호 장 치		과부하방지장치, 과권방지장치, HOOK 해지장치 횡행 STOPPER, 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		정격하중63% 이상 80% 이하의 하중용 HOIST	
주 위 온 도		-10 ~ 40℃ 이내	
방 폭 구 조 사 용 유 무		☐ 유 ☑ 무	

호 이 스톱 설 계 조 건

항 목		내 용	
형 식 번 호		KDC0.5-M	모 델 KDC0.5-L24-M, KDC0.5-L30-M
형 식 번 호		모노 레일식 와이어 호이스트	
정 격 하 중	주 권	정격하중	0.5 TON
		시험하중	0.625 TON
	복 권	정격하중	-
		시험하중	-
주권 달기구	종 류	SINGLE HOOK & DOUBLE HOOK	
	자체하중	0.01	
양 정 (LIFT)		24 (30) M	
호이스트 (HOIST)	HIGH	SPEED	12 / 1.2 M/MIN
		MOTOR	2.4 /0.4 KW x 4P
	BRAKE	D.C MAGNET DISC BRAKE	
TRAVERSING	HIGH	SPEED	24 M/MIN
		MOTOR	(0.75 KW x 4P) x 2UNITS
	LOW	SPEED	16 M/MIN
		MOTOR	(0.5 KW x 6P) x 2UNITS
	BRAKE	D.C MAGNET DISC BRAKE & NO BRAKE	
WIRE ROPE		(6x19) $\phi 8 \times 2$ FALLS	
POWER SOURCE	MAIN	AC $\phi 3 \times 220V$ (380,440,460,480V) x 60Hz	
	CONTROL	AC $\phi 1 \times 110V(120V)$ x 60Hz	
CONTROL METHOD		F.L 상 PUSH BUTTON 조작	
방 호 장 치		과부하방지장치, 과권방지장치, HOOK 해지장치 횡행 STOPPER, 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		정격하중63% 이상 80% 이하의 하중용 HOIST	
주 위 온 도		-10 ~ 40℃ 이내	
방 폭 구 조 사 용 유 무		☐ 유	☒ 무

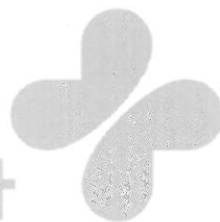
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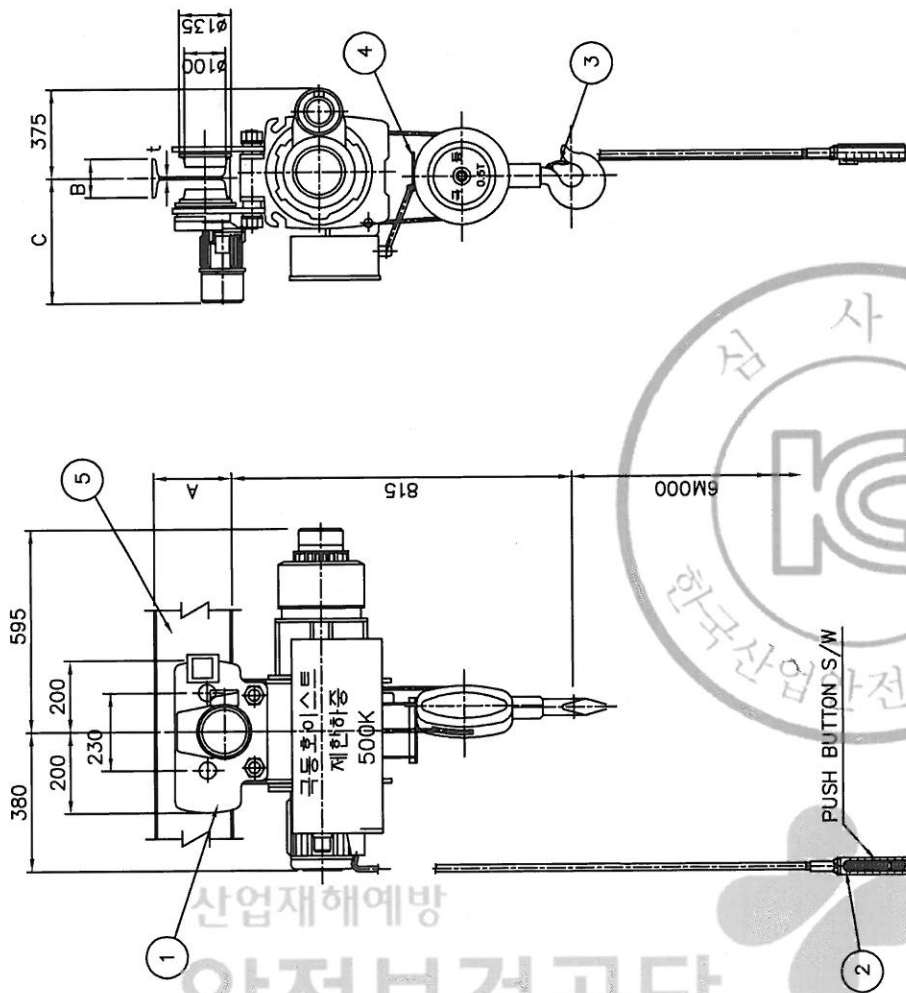


산업재해예방

안전보건공단

KOREA OCCUPATIONAL SAFETY & HEALTH AGENCY





SPECIFICATION				
RATED LOAD		500 KG		
TESTING LOAD		625 KG		
LIFT		6 M		
RATING		30 MIN		
HOISTING	SPEED	12 / 1.2 M/MIN		
	MOTOR	2.4 / 0.4 KW x 4 P		
TRAVERSING	SPEED	HIGH	24 M/MIN	
		LOW	16 M/MIN	
	MOTOR	HIGH	0.4 KW x 4 P	
		LOW	0.2 KW x 6 P	
WIRE ROPE		(6x19) ø8 x 2 FALLS		
POWER SOURCE		AC3ø220(380,440,460,480)V60Hz		
COLOR		10 B 3/5		
WEIGHT		225 KG		

5	I-BEAM	SS400	—			TABLE 참조
4	UPPER LIMIT S/W	SS400	1			
3	SAFETY LATCH	SPC	1			
2	EMERGENCY S/W	—	1			
1	LOAD LIMITER	—	1			
NO.	DESCRIPTIONS	MT'L	SET/SET	UNIT	TOTAL	REMARKS
			QTY	WEIGHT KG		
PROJECT					DATE	
TITLE		KDC0.5 - L6 - M			SCALE	
		ARRANGEMENT DRAWING FOR HOIST			A3 / 20 /	
DRAWN	DESIGNED	CHECKED	APPROVED	REF DRAWING		
			SHEET NO.	DRAWING NO.		
			극동호이스트 주식회사			KDC0.5M - 6000
			KUK DONG HOIST CO., LTD.			

TRAVERSING I - BEAM	Ix (cm ⁴)	Zx (cm ³)	SUPPORT LENGTH	C
A x B x t				
I 200 x 100 x 7	2180	218	MAX. 4.9 M	395
I 250 x 125 x 7.5	5180	414	MAX. 7.6 M	407.5
I 300 x 150 x 10	12700	849	MAX. 11.1 M	420
I 350 x 150 x 9	15200	871	MAX. 11.8 M	420

안전보건공단

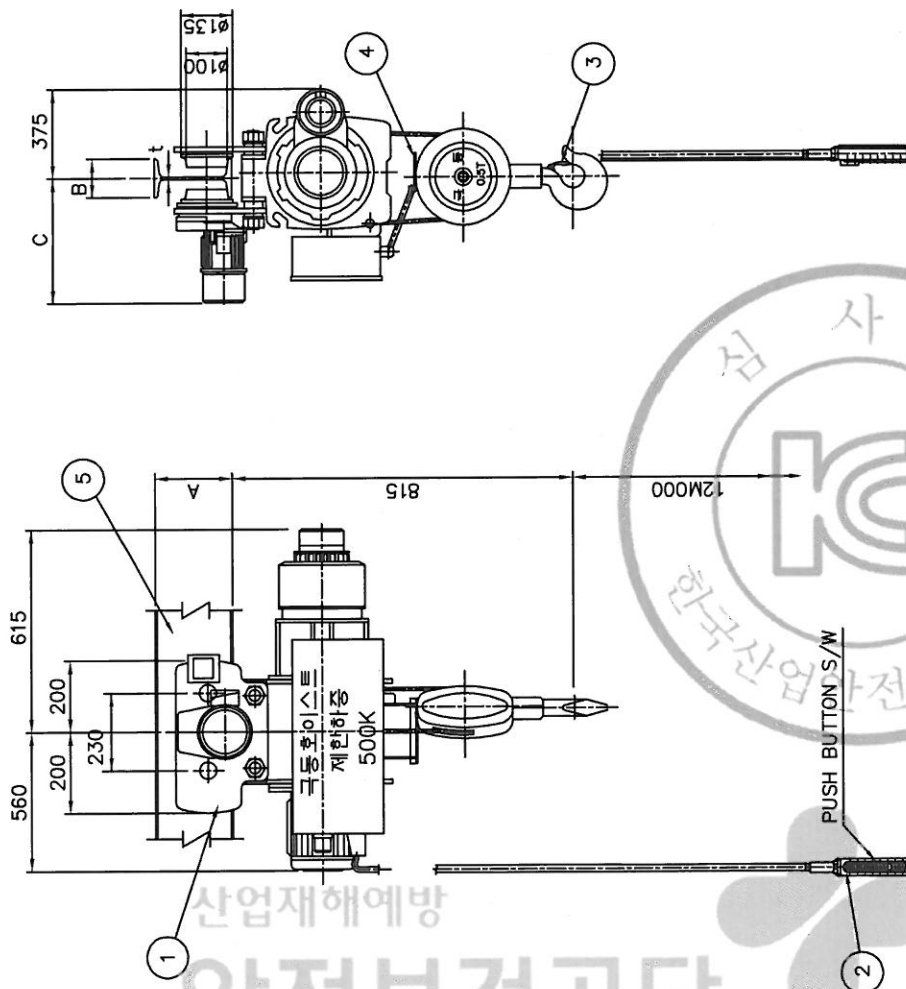
KOREA OCCUPATIONAL SAFETY & HEALTH AGENCY



안전보건공단



TRAVERSING I - BEAM	I _x (Cm ⁴)	Z _x (Cm ³)	SUPPORT LENGTH	C
I 200 x 100 x 7	2180	218	MAX. 4.9 M	395
I 250 x 125 x 7.5	5180	414	MAX. 7.6 M	407.5
I 300 x 150 x 10	12700	849	MAX. 11.1 M	420
I 350 x 150 x 9	15200	871	MAX. 11.8 M	420



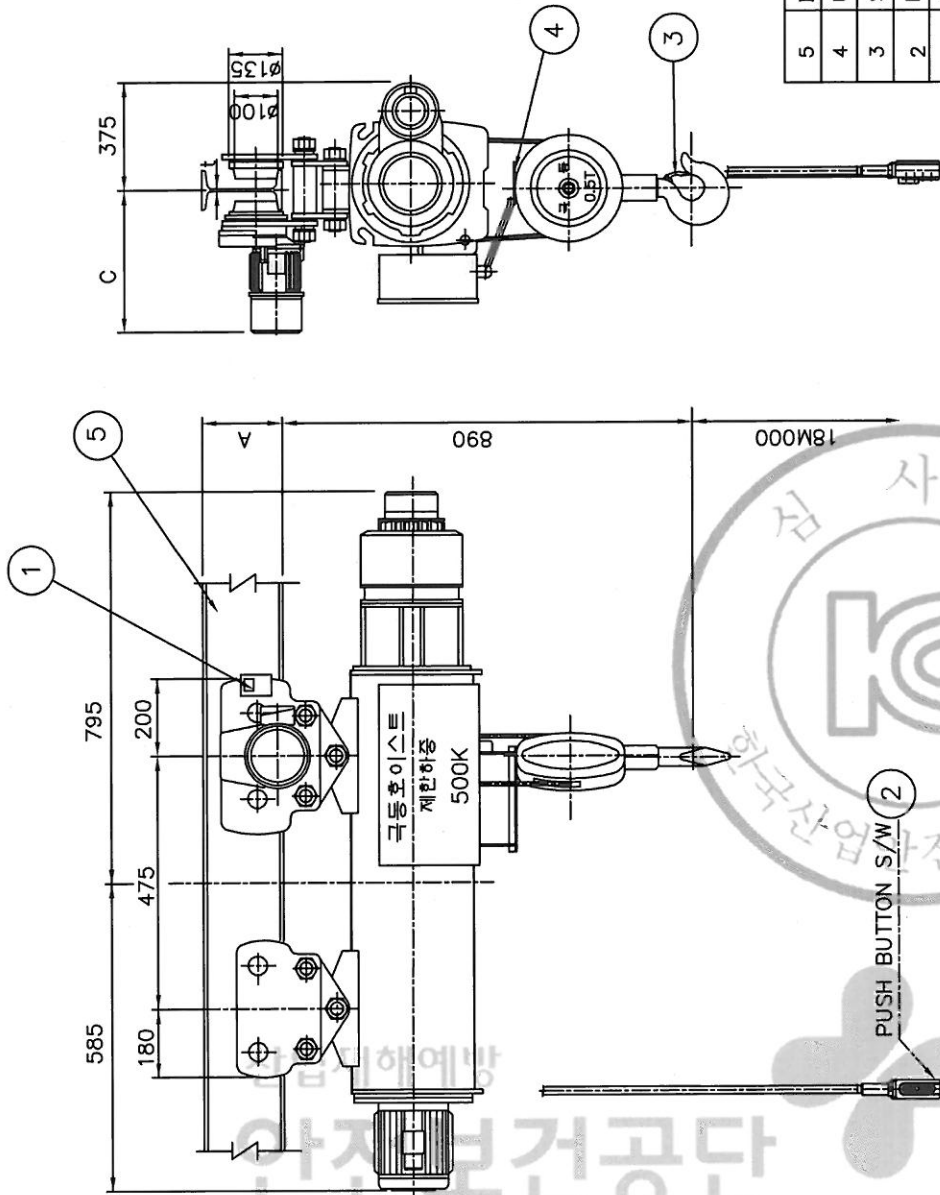
TRAVERSING I - BEAM- A x B x t	Ix (Cm ⁴)	Zx (Cm ³)	SUPPORT LENGTH	C
I 200 x 100 x 7	2180	218	MAX. 4.9 M	395
I 250 x 125 x 7.5	5180	414	MAX. 7.6 M	407.5
I 300 x 150 x 10	12700	849	MAX. 11.1 M	420
I 350 x 150 x 9	15200	871	MAX. 11.8 M	420

SPECIFICATION				
RATED LOAD		500 KG		
TESTING LOAD		625 KG		
LIFT		12 M		
RATING		30 MIN		
HOISTING	SPEED	12 / 1.2 M/MIN		
		2.4 / 0.4 KW x 4 P		
TRAVERSING	MOTOR	HIGH	24	M/MIN
	SPEED	LOW	16	M/MIN
		HIGH	0.4 KW x 4 P	
	MOTOR	LOW	0.2 KW x 6 P	
WIRE ROPE		(6x19) ø8 x 2 FALLS		
POWER SOURCE		AC3ø220(380,440,460,480)V60Hz		
COLOR		10 B 3/5		
WEIGHT		245 KG		

5	I-BEAM	SS400	—					TABLE 참조
4	UPPER LIMIT S/W	SS400	1					
3	SAFETY LATCH	SS400	1					
2	EMERGENCY S/W	—	1					
1	LOAD LIMITER	—	1					
NO.	DESCRIPTIONS	MT'L	SET	UNIT	TOTAL	REMARKS		
			QTY	WEIGHT KG.				
PROJECT						DATE		
TITLE		KDC0.5 - L12 - M				SCALE		
		ARRANGEMENT DRAWING FOR HOIST				A3 / 20 /		
DRAWN	DESIGNED	CHECKED	APPROVED	REF DRAWING				
						DRAWING NO.		
		극동호이스트 주식회사 KUK DONG HOIST CO., LTD.				SHEET NO.	KDC0.5M - 1200	

안전보건공단

KOREA OCCUPATIONAL SAFETY & HEALTH AGENCY

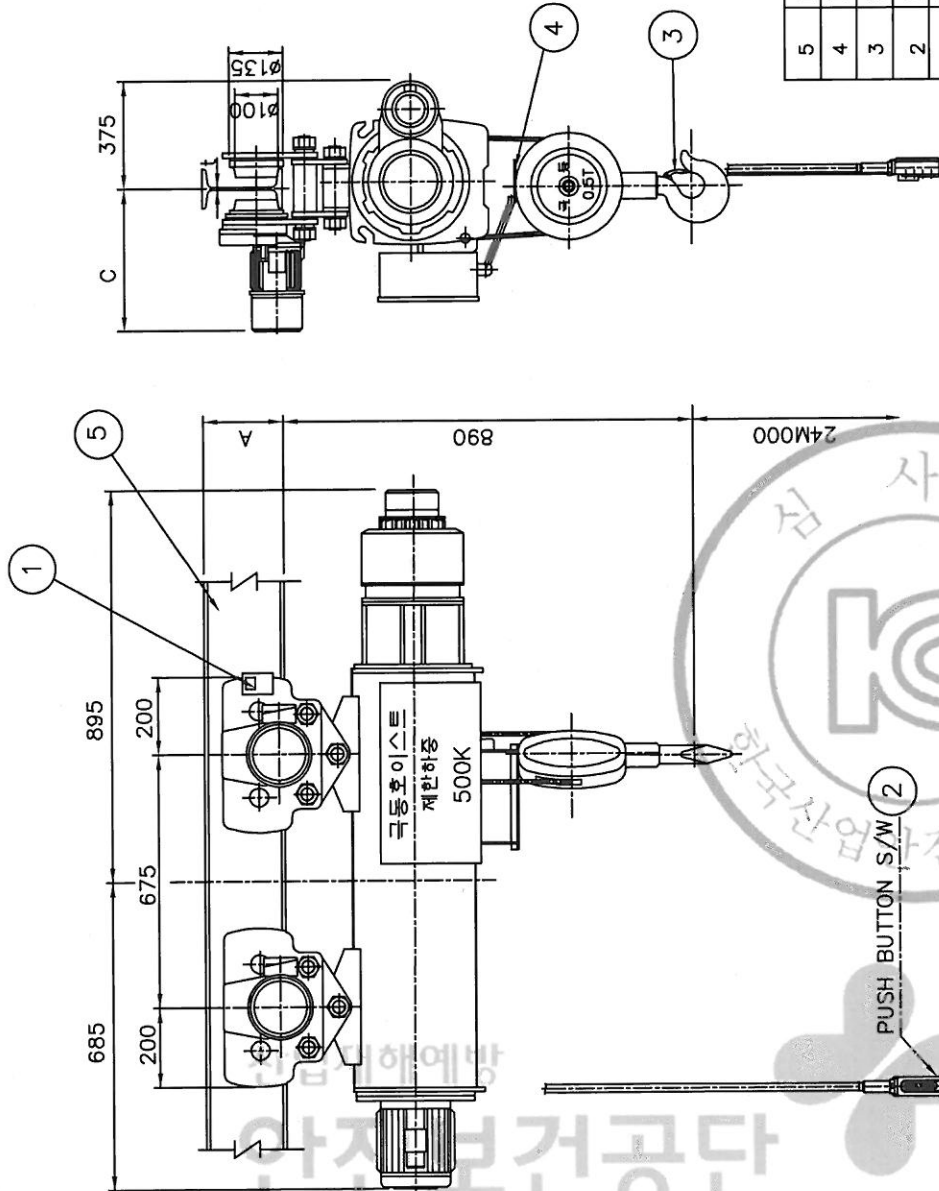


SPECIFICATION					
RATED LOAD		500		KG	
TESTING LOAD		625		KG	
LIFT		18		M	
RATING		30		MIN	
HOISTING	SPEED	12 /1.2 M/MIN			
	MOTOR	2.4 / 0.4 KW x 4 P			
TRAVERSING	HIGH	SPEED	24 M/MIN		
		MOTOR	0.4 KW x 4 P		
	LOW	HIGH	16 M/MIN		
		LOW	0.2 KW x 6 P		
WIRE ROPE		(6x19) ø8 x 2 FALLS			
POWER SOURCE		AC3ø220(380,440,460,480)V60Hz			
COLOR	10 B 3/5				
WEIGHT	350		KG		

5	I-BEAM	SS400	—			TABLE 참조
4	UPPER LIMIT S/W	SS400	1			
3	SAFETY LATCH	SS400	1			
2	EMERGENCY S/W	—	1			
1	LOAD LIMITER	—	1			
NO.	DESCRIPTIONS	MT'L	SET QTY	UNIT	TOTAL WEIGHT KG.	REMARKS
PROJECT						
DATE						
2000						
TITLE						
KDC0.5 - L18 - M						
SCALE						
A3/20 /						
ARRANGEMENT DRAWING FOR HOIST						
DRAWN	DESIGNED	CHECKED	APPROVED			REF DRAWING
SHEET NO. DRAWING NO.						
극동호이스트 주식회사 KUK DONG HOIST CO., LTD.						
KDC0.5M - 1800						

TRAVERSING I - BEAM	IX (Cm ⁴)	Zx (Cm ³)	SUPPORT LENGTH	C
A x B x t				
I 200 x 100 x 7	2180	218	MAX. 4.9 M	395
I 250 x 125 x 7.5	5180	414	MAX. 7.6 M	407.5
I 300 x 150 x 10	12700	849	MAX. 11.1 M	420
I 350 x 150 x 9	15200	871	MAX. 11.8 M	420



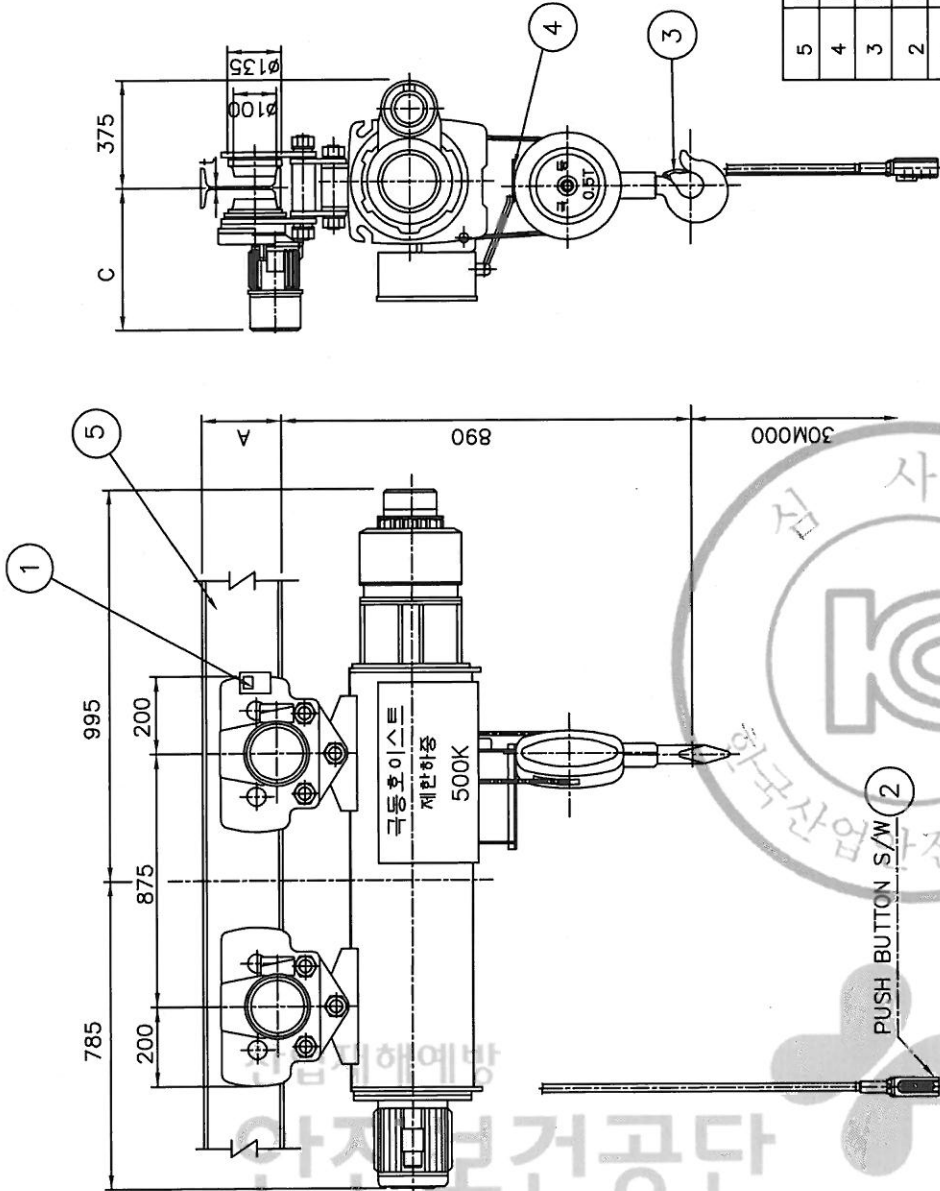


SPECIFICATION			
RATED LOAD	500	KG	
TESTING LOAD	625	KG	
LIFT	24	M	
RATING	30	MIN	
HOISTING	SPEED	12 / 1.2	M/MIN
	MOTOR	2.4 / 0.4	KW x 4 P
TRAVERSING	SPEED	HIGH	24 M/MIN
	LOW	16 M/MIN	
MOTOR	HIGH	0.4	KW x 4 P (2UNITS)
	LOW	0.2	KW x 6 P (2UNITS)
WIRE ROPE	(6x19) Ø8 x 2 FALLS		
POWER SOURCE	AC3Ø220V(380,440,460,480)V60Hz		
COLOR	10 B 3/5		
WEIGHT	380	KG	

5	I-BEAM	SS400		—			TABLE 참조
4	UPPER LIMIT S/W	SS400		1			
3	SAFETY LATCH	SS400		1			
2	EMERGENCY S/W	—		1			
1	LOAD LIMITER	—		1			
NO.	DESCRIPTIONS	MT'L	SET QTY	UNIT	TOTAL WEIGHT KG.	REMARKS	
PROJECT		DATE					
TITLE		KDC0.5 - L24 - M					
DRAWN		ARRANGEMENT DRAWING FOR HOIST					
		DESIGNED	CHECKED	APPROVED	REF. DRAWING		
						DRAWING NO.	
		극동호이스트 주식회사				KDC0.5M - 2400	
KUK DONG HOIST CO., LTD.							

TRAVERSING I-BEAM	IX (Cm ⁴)	Zx (Cm ³)	SUPPORT LENGTH	C
A x B x t			MAX. 4.9 M	395
I 200 x 100 x 7	2180	218	MAX. 7.6 M	407.5
I 250 x 125 x 7.5	5180	414	MAX. 11.1 M	420
I 300 x 150 x 10	12700	849	MAX. 11.8 M	420
I 350 x 150 x 9	15200	871		





SPECIFICATION					
RATED LOAD	500	KG			
TESTING LOAD	625	KG			
LIFT	30	M			
RATING	30	MIN			
HOISTING	SPEED	12 / 1.2	M / MIN		
	MOTOR	2.4 / 0.4	KW x P		
TRAVERSING	SPEED	HIGH	24	M / MIN	
		LOW	16	M / MIN	
MOTOR		HIGH	0.4	KW x 4 P	(2UNITS)
		LOW	0.2	KW x 6 P	(2UNITS)
WIRE ROPE			(6x19) ø8 x 2	FALLS	
POWER SOURCE			AC3ø220(380,440,460,480)V60Hz		
COLOR			10 B 3/5		
WEIGHT			410	KG	

5	I-BEAM	SS400	—	—	TABLE 참조
4	UPPER LIMIT S/W	SS400	1		
3	SAFETY LATCH	SS400	1		
2	EMERGENCY S/W	—	1		
1	LOAD LIMITER	—	1		
NO.	DESCRIPTIONS	MT'L	SET	UNIT	REMARKS
			QTY	WEIGHT KG.	
PROJECT	KDC0.5 - L30 - M				DATE
					2000 . . .
TITLE	ARRANGEMENT DRAWING FOR HOIST				SCALE
					A3 / 20 /
DRAWN	DESIGNED	CHECKED	APPROVED		REF. DRAWING
 극동호이스트 주식회사 KUK DONG HOIST CO., LTD.		SHEET NO.	DRAWING NO.		
		KDC0.5M - 3000			

TRAVERSING I-BEAM	IX (Cm ⁴)	Zx (Cm ³)	SUPPORT LENGTH	C
A x B x t			MAX.	
I 200 x 100 x 7	2180	218	4.9 M	395
I 250 x 125 x 7.5	5180	414	7.6 M	407.5
I 300 x 150 x 10	12700	849	11.1 M	420
I 350 x 150 x 9	15200	871	11.8 M	420



2) 전 기



산업재해예방
안전보건공단
KOSHA
KOREA OCCUPATIONAL SAFETY & HEALTH AGENCY



KDSM0001

DSM0001

안전보건공단

안전보건공단

ELECTRICAL SPECIFICATION

POWER SOURCE : AC 3Φ 220V, 380V, 440V, 460V, 480V, 60Hz

CONTROL SOURCE : AC 1Φ 110V(120V) 60Hz

OBJECT	MOTOR OUTPUT	220V		380V		440V	460V	480V	440,460,480V	BRAKE	REMARK
		STATOR CURRENT	1st CABLE SIZE	STATOR CURRENT	1st CABLE SIZE	STATOR CURRENT	STATOR CURRENT	STATOR CURRENT	1st CABLE SIZE		
MAIN HOIST	2.4KW x 4P 30 MIN	10.00 A	4.0 sq	5.80 A	4.0 sq	5.00 A	4.80 A	4.60 A	4.0 sq	DC MAG. BRAKE	
CREEP HOIST	0.4KW x 4P 30 MIN	2.70 A	4.0 sq	1.60 A	4.0 sq	1.40 A	1.30 A	1.20 A	4.0 sq	DC MAG. BRAKE	
TRAVERSING	HIGH	2.70 A	4.0 sq	1.60 A	4.0 sq	1.40 A	1.30 A	1.20 A	4.0 sq	DC MAG. BRAKE	1 DRIVE
	LOW	2.00 A	4.0 sq	1.20 A	4.0 sq	1.00 A	1.00 A	0.90 A	4.0 sq	DC MAG. BRAKE	1 DRIVE
CONTROL CIRCUIT		2 A	2.5 sq	2 A	2.5 sq	2 A	2 A	2 A	2.5 sq		
LIGHTING & ACC'Y CIRCUIT											
SUB TOTAL (PEAK LOAD)		HIGH	14.70 A	9.40 A	4.0 sq	8.40 A	8.10 A	7.80 A	4.0 sq	I(A)=M/H + T/S + ASS'Y	
SUB TOTAL (NORMAL LOAD)		LOW	14.00 A	9.00 A	4.0 sq	8.00 A	7.80 A	7.50 A	4.0 sq	I(A)=M/H + T/S + ASS'Y	

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

*. 위 계산은 LIFT 6M, 9M, 12M, 18M에 적용.

ELECTRICAL SPECIFICATION

. POWER SOURCE : AC 3Φ 220V, 380V, 440V, 460V, 480V 60Hz

CONTROL SOURCE : AC 1Φ 110V(120V) 60Hz

OBJECT	MOTOR OUTPUT	220V		380V		440V	460V	480V	440,460,480V	BRAKE	REMARK
		STATOR CURRENT	1st CABLE SIZE	STATOR CURRENT	1st CABLE SIZE	STATOR CURRENT	STATOR CURRENT	STATOR CURRENT	1st CABLE SIZE		
MAIN HOIST	2.4KW x 4P 30 MIN	10.00 A	4.0 sq	5.80 A	4.0 sq	5.00 A	4.80 A	4.60 A	4.0 sq	DC MAG. BRAKE	
CREEP HOIST	0.4KW x 4P 30 MIN	2.70 A	4.0 sq	1.60 A	4.0 sq	1.40 A	1.30 A	1.20 A	4.0 sq	DC MAG. BRAKE	
TRAVERSING	HIGH	(2.7)*2	4.0 sq	(1.6)*2	4.0 sq	(1.4)*2	(1.3)*2	(1.2)*2	4.0 sq	DC MAG. BRAKE	2 DRIVE
	LOW	(2.0)*2	4.0 sq	(1.2)*2	4.0 sq	(1.0)*2	(1.0)*2	(0.9)*2	4.0 sq	DC MAG. BRAKE	2 DRIVE
CONTROL CIRCUIT		2 A	2.5 sq	2 A	2.5 sq	2 A	2 A	2 A	2.5 sq		
LIGHTING & ACC'Y CIRCUIT											
SUB TOTAL (PEAK LOAD)		HIGH	17.40 A	11.00 A	4.0 sq	9.80 A	9.40 A	9.00 A	4.0 sq	I(A)=M/H + T/S + ASS'Y	
SUB TOTAL (NORMAL LOAD)		LOW	16.00 A	10.20 A	4.0 sq	9.00 A	8.80 A	8.40 A	4.0 sq	I(A)=M/H + T/S + ASS'Y	

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

*. 위 계산은 LIFT 24,30M에 적용.

☐ 보호본딩회로의 연속성 확인

시험전선의 최소유효 단면적(mm ²)	최고 전압 강하(V)
1.0	3.3
1.5	2.6
2.5	1.9
4.0	1.4
>6.0	1.0

① 보호본딩회로의 연속성의 검증은 PELV전원(50/60Hz)에서 최소 10A 이상의 전류를 10초 이상의 인가에 의한다.

시험은 PE단자와 보호본딩회로의 여러지점 사이에서 이루어진다.

② PE단자와 시험 지점 사이에서 측정된 전압은(표 참조) 값을 초과해서는 아니된다.

☐ 절연저항 시험

전원선과 보호본딩선 사이를 직류 500V로 측정된 절연저항 값은 1MΩ 이상이어야 한다.

☐ 내전압 시험

① PELV 전압에서 작동되도록 설계된 전기장치의 회로를 제외한 모든 회로와 보호본딩회로의 전선 사이에 1초 이상 지속되는 다음의 시험 전압에 견딜수 있어야 한다.

- 장치의 정격전압의 두배 또는 1,000V 중 큰값의 전압

② 이 시험을 견딜수 없도록 설계된 부품은 시험이 진행되기 전에 차단하여야 한다.

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20				
															NO	DESCRIPTION	CABLE SIZE						
															1	MAIN EARTH LINE	USER SCOPE						
															2	POWER SOURCE	USER SCOPE						
															3	TROLLEY BAR	USER SCOPE						
															4	POWER SOURCE WITH EARTH	USER SCOPE						
															5	HOIST POWER SOURCE WITH EARTH	VCT 4.0SQ x 1C						
															6	HOISTING MOTOR WITH EARTH	VCT 4.0SQ x 1C						
															7	CREEP MOTOR WITH EARTH	VCT 4.0SQ x 1C						
															8	TRAVERSING MOTOR WITH EARTH	VCT 4.0SQ x 1C						

The diagram shows a horizontal dashed line representing a cable or track. A vertical dashed line intersects it from the bottom. A horizontal line segment, labeled 'TROLLEY BAR' with a callout circle 3, is attached to the vertical line. A bracket on the horizontal dashed line, with a callout circle 4, indicates a specific section or component.

* CY CABLE 4C 중 1C는 EARTH로 사용함.

NOTE -

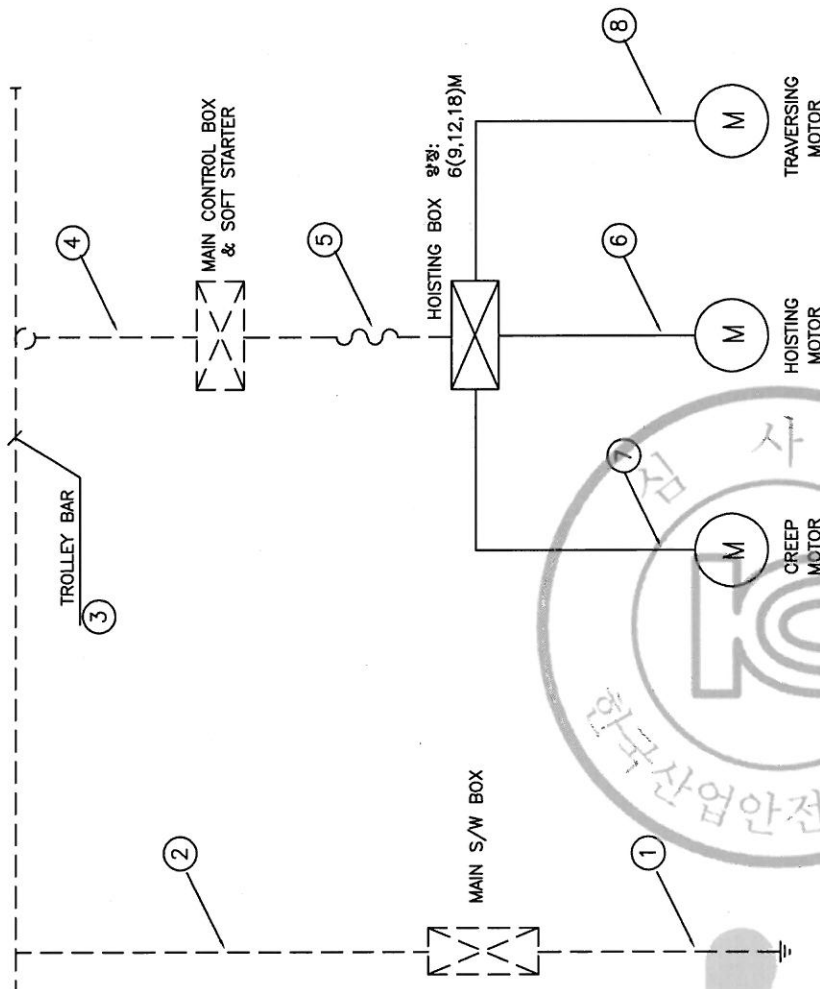
1. 선동기 외함, 제어반의 프레임 등은 접지하

여 그 접지 저항은

400V 미만 : 100옴을 이하임.(3종 접

400V 이상 : 10옴을 이하임.(즉 3종접지)

2.MAIN S/W BOX는 3종 접지 요.



동원원점지

1. 전기장비와 기계의 노출된 모든 도선부는 보호관입피복에 연결되어야 하며
적절한 접지연속성 기능이 유지되어야 함.

2. 보호관입피복에는 기계기, 과전류보호장치가 부착되지 않아야 한다.

시험대상 전선의 최소 유효단면적	최고전압강하(V)
1.0	3.3
1.5	2.6
2.5	1.6
4.0	1.4
>6.0	1.0

----- USER SCOPE

----- KUKDONG SCOPE

Δ	Δ	Δ	Δ	Δ	Δ	Δ	Δ	Δ	Δ	Δ	Δ	Δ	Δ	Δ	Δ	Δ	Δ	Δ	Δ	Δ	Δ	Δ	Δ	Δ
CUSTOMER															EARTH DETAILS DRAWING									
DRAWING TITLE															KUKDONG HOIST CO., LTD.									
REVISIONS															DWG. NO									
DATE															KDC1-EC001									
CHK. APP.															KDC1-EC001									
DATE															KDC1-EC001									

KDC1-EC001

산업재해예방
안전보건공단

KOREA OCCUPATIONAL SAFETY & HEALTH AGENCY

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
															NO	DESCRIPTION	CABLE SIZE		
															1	MAIN EARTH LINE	USER SCOPE		
															2	POWER SOURCE	USER SCOPE		
															3	TROLLEY BAR	USER SCOPE		
															4	POWER SOURCE WITH EARTH	USER SCOPE		
															5	HOIST POWER SOURCE WITH EARTH	VCT 4.0SQ x 1C		
															6	HOISTING MOTOR WITH EARTH	VCT 4.0SQ x 1C		
															7	CREEP MOTOR WITH EARTH	VCT 4.0SQ x 1C		
															8	TRAVERSING MOTOR WITH EARTH	VCT 4.0SQ x 1C		

* CV CABLE 4C중 1C는 EARTH로 사용함.

- NOTE -

1. 전동기 외함, 제어반의 프레임 등은 접지하며 그 접지 저항은 400V 미만 : 100옴 이하일것 (3중 접지)
400V 이상 : 10옴을 이하일것. (복 3중접지)

2. MAIN S/W BOX는 3중 접지 요.

동전위점지

1. 전기장비와 기계의 노출된 모든 도선부는 보호전선(피복)에 연결되어야 하며 적절한 접지연속성 기능이 유지되어야함.

2. 보호전선(피복)에는 기계기, 과전류보호장치가 부착되지 않아야 한다.

시정대상 전선의 최소 유효단면적	최소전압강하(V)
1.0	3.3
1.5	2.6
2.5	1.6
4.0	1.4
>6.0	1.0

----- USER SCOPE

----- KUKDONG SCOPE

양정: 24(30)M

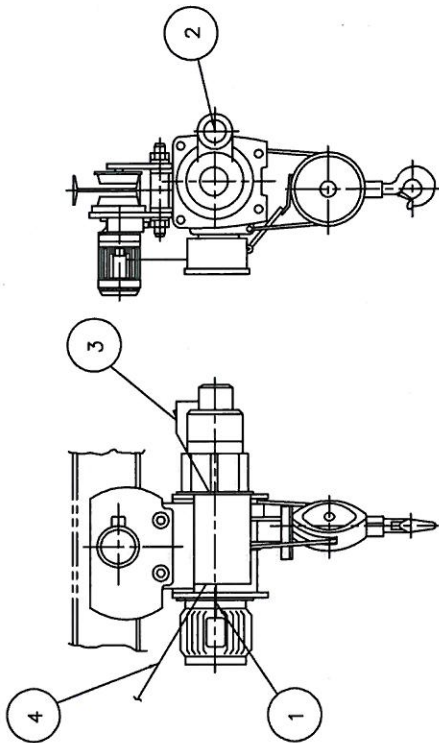
산업재해예방
안전보건공단
Korea Occupational Safety & Health Agency

KD1-EC002

KOREA OCCUPATIONAL SAFETY & HEALTH AGENCY

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
																			ADR'S NO.
																			A4

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



본 도면은 EARTH를 명기하기 위한 도면으로서
실제 배치와 다를 수 있으며 HOIST 본체와의
EARTH용 CABLE은 REFERENCE임

*3중 접지공사 100Ω 이하 (AC 3PH 400V 미만)
*탑 중 접지공사 10Ω 이하 (AC 3PH 400V 이상)

등전위접지

1. 전기장비와 기계의 노출된 모든 도전부는 보호등전위회로에 연결되어야 하며 적절한 접지연속성 기능이 유지되어야 함.
2. 보호등전위회로에는 개폐기, 과전류보호장치가 부착되지 않아야 한다.

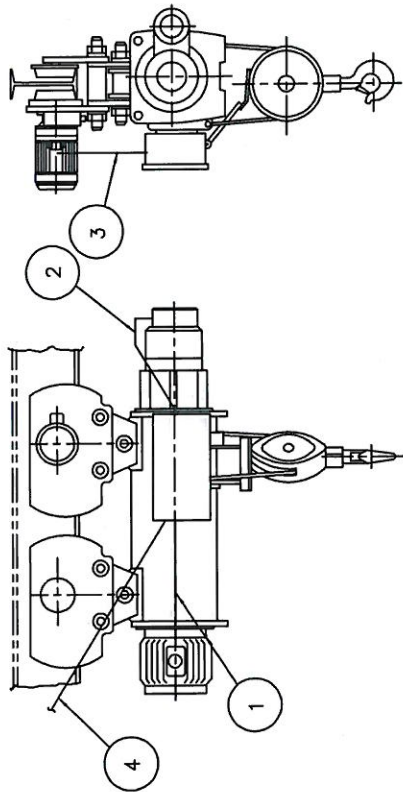
NO	TYPE	CABLE		REMARK
		SIZE	TYPE	
1	VCT	220V 4.0sq	440V,460V,480V 4.0sq	HOISTING MOTOR WITH EARTH
2	VCT	4.0sq	VCT 4.0sq	CREEP MOTOR WITH EARTH
3	VCT	4.0sq	VCT 4.0sq	T/S MOTOR WITH EARTH
4	VFCT	4.0sq	VFCT 4.0sq	MAIN POWER WITH EARTH

시험대상	전선의 최소 유효단면적	최고전압강하(V)
	1.0	3.3
	1.5	2.6
	2.5	1.6
	4.0	1.4
	>6.0	1.0

△																			ORDER NO.
△																			DATE
△																			SCALE
△																			NONE
△																			DWG. NO
MK	DATE	REVISIONS	CHK.	APP.	CUSTOMER					DRAWING TITLE					DWG. NO				
																			KDCIM-E234
																			KDC
																			KUK DONG HOIST CO., LTD.

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
																			ADR'S NO.
																			A4

* MAIN POWER : AC 3PH 220V,380V,440V,480V,60Hz (LIFT 18M)



본 도면은 EARTH를 명기하기 위한 도면으로서
실제 배치와 다를 수 있으며 HOIST 본체와의
EARTH용 CABLE은 REFERENCE임
*3중 접지공사 100Ω 이하 (AC 3PH 400V 미만)
*특정 접지공사 10Ω 이하 (AC 3PH 400V 이상)

동전위접지

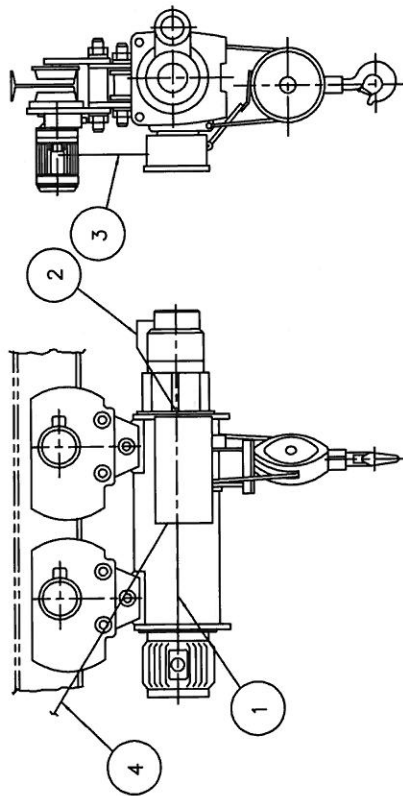
- 1. 전기장비와 기계의 노출된 모든 도전부는 보호등회로에 연결되어야 하며 적절한 접지연속성 기능이 유지되어야 함.
- 2. 보호등회로에는 개폐기, 과전류보호장치가 부착되지 않아야 한다.

NO	TYPE	CABLE		REMARK
		SIZE	TYPE	
1	VCT	220V 4.0sq	440V,460V,480V VCT	HOISTING MOTOR WITH EARTH
2	VCT	4.0sq	4.0sq	CREEP MOTOR WITH EARTH
3	VCT	4.0sq	4.0sq	T/S MOTOR WITH EARTH
4	VFCT	4.0sq	VFCT	MAIN POWER WITH EARTH

시험대상 전선의 최소 유효단면적	최고전압강하(V)
1.0	3.3
1.5	2.6
2.5	1.6
4.0	1.4
>6.0	1.0

△						CUSTOMER	DRAWING TITLE	KDC 0.5TON CABLE 사양	DRAWING	DESIGN	CHECKED	APPROVED	SCALE	DATE	ORDER NO.							
	△																					
	△																					
	△																					
△	DATE	REVISIONS			CHK.	APP.																
MK																						

* MAIN POWER : AC 3PH 220V,380V,440V,480V 60Hz (LIFT 24M, 30M)



본 도면은 EARTH를 명기하기 위한 도면으로서
실제 배치와 다를 수 있으며 HOIST 본체와의
EARTH용 CABLE은 REFERENCE임

*3종 접지공사 100Ω 이하 (AC 3PH 400V미만)

*부품 중 접지공사 10Ω 이하 (AC 3PH 400V 이상)

NO	CABLE				REMARK
	SIZE		TYPE	440V, 450V, 480V	
	220V	380V			
1	4.0sq	4.0sq	VCT	4.0sq	HOISTING MOTOR WITH EARTH
2	4.0sq	4.0sq	VCT	4.0sq	CREEP MOTOR WITH EARTH
3	4.0sq	4.0sq	VCT	4.0sq	T/S MOTOR WITH EARTH
4	4.0sq	4.0sq	VFCT	4.0sq	MAIN POWER WITH EARTH

시험대상 전선의 최소 유효단면적	최고전압강하(V)
1.0	3.3
1.5	2.6
2.5	1.6
4.0	1.4
>6.0	1.0

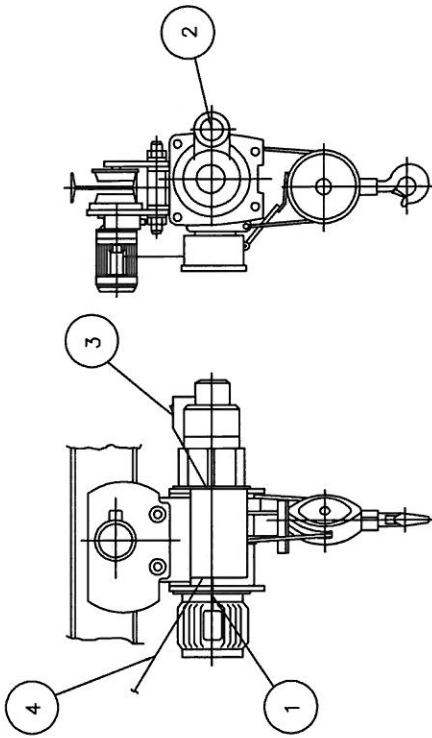
통전외접지

1. 전기장비와 기계의 노출된 모든 도전부는 보호표지외판에 연결되어야 하며 적절한 접지연속성 기능이 유지되어야함.
2. 보호표지외판에는 개폐기, 과전류보호장치 부착되지 않아야 한다.

[illegible]

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
																			ADR'S NO.
																			A4

* MAIN POWER : AC 3PH 220V,380V,440V,480V 60Hz (LIFT 6,9,12,18,24,30M)

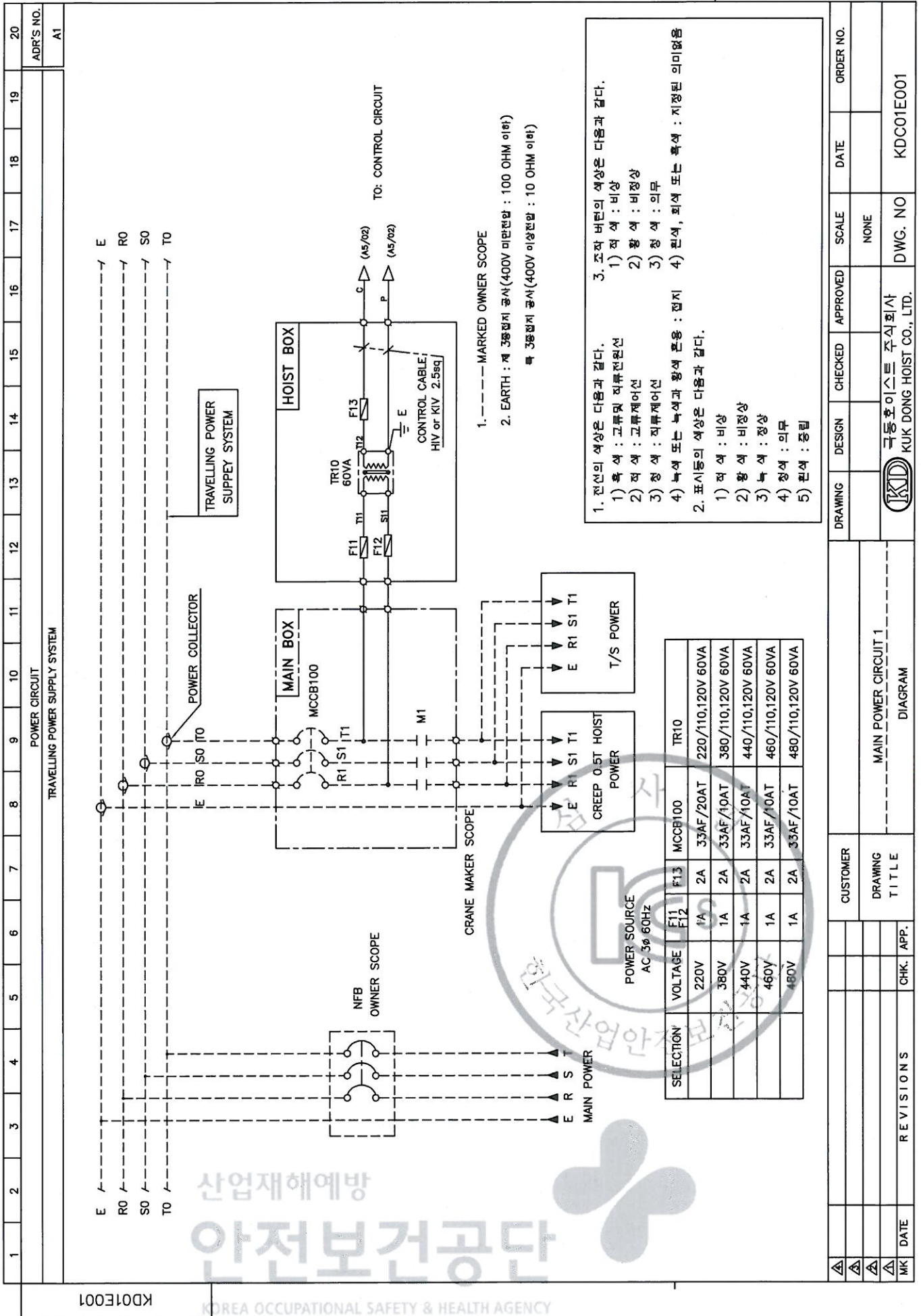


ELECTRIC WIRE ROPE HOIST									
MODEL		RATING	min						
CAPACITY	Kg	LIFT	m						
HOIST SPEED	m/min	POWER SOURCE	V Hz						
HOIST MOTOR	Kw P	AMP.S R&T HOIST	A						
TRAV.SPEED	m/min	AMP.S R&T TRAV	A						
TRAV.MOTOR	Kw P	WIRE ROPE	Ø						
WIDTH OF RAIL	mm	WEIGHT	Kg						
DATE		SERIAL							
KUKDONG HOIST CO.,LTD									

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

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

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KDC01EB00

ADR'S NO.

극동호이스트
제한하중
500K

산업재해예방
안전보건공단

L

A

1

2

3

4

1

2

IN DOOR

OUT DOOR

SPONGE

SPONGE

15

20

20

20

25

NOTE

1.PROTECTION DEGREE ;
A, INDOOR TYPE : DUST PROOF
B, OUT DOOR TYPE : SPLASH PROOF
2.FINAL PAINTING COLOR (MUNSELL 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 : 2.5sq KIV,HIV
6.외함 개방 구조는 다음과 같다.
1) 외함 개방시 충전 부분이 차단되도록 한다.
2) 외함 개방 후 충전되어있는 부분은 IP2X 이상의
직접 접촉 방호가 되어있을것.

HOISTING CONTROL BOX
LAY-OUT

HOIST CAPACITY

DESCRIPTION

IN DOOR

OUT DOOR

REMARK

0.5 TON

NORMAL

A

B

L

A

B

L

320

150

640

320

150

660

320

150

640

320

150

660

REVISIONS

CHK.

APP.

CUSTOMER

DRAWING
TITLE

DATE

REVIEWS

HOISTING CONTROL BOX
LAY-OUT

DRAWING

DESIGN

CHECKED

APPROVED

SCALE

DATE

ORDER NO.

KDC01EB00

극동호이스트 주식회사
KUK DONG HOIST CO., LTD.

DWG. NO

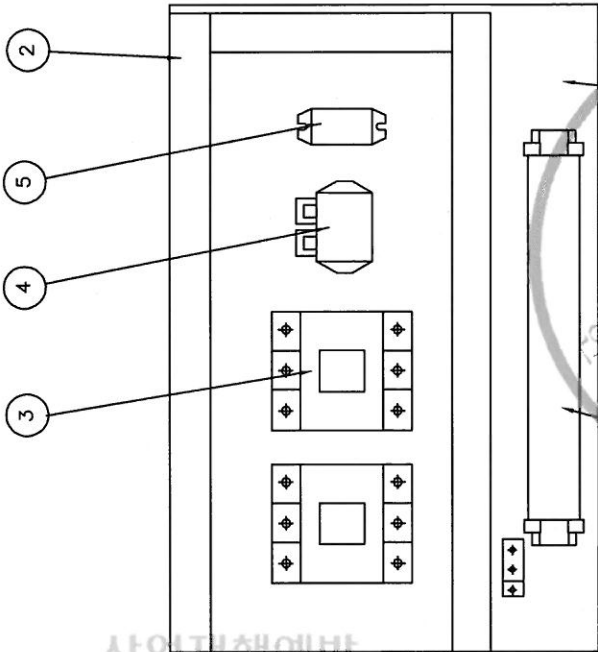
KDC01EB00

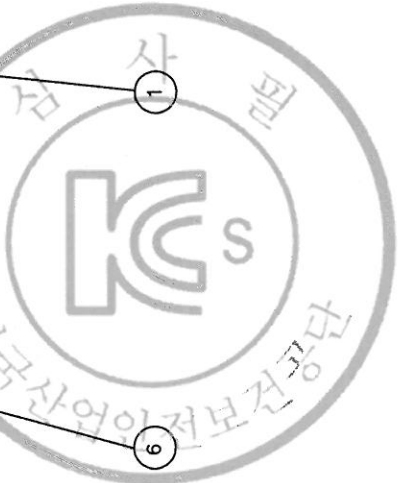
KDC01EB00

KOREA OCCUPATIONAL SAFETY & HEALTH AGENCY

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																			ADR'S NO.



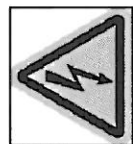


NO	DESCRIPTION	SPEC	Q'TY	REMARK
1	CHASSIS PLATE	-	1	아 인 도 급
2	CABLE DUCT	-	1	
3	MAGNET CONTACTOR	DMC22C	2	TRAVERSING
4	E.O.C.R	SS-05	1	TRAVERSING
5	SILICON RECTIFIER	SR-30	1	TRAVERSING
6	TERMINAL BLOCK	25A , 15A	1	TRAVERSING

DRAWING	DESIGN	CHECKED	APPROVED	SCALE	DATE	ORDER NO.
				NONE		

 극동호이스트 주식회사 KUK DONG HOIST CO., LTD.	TRAVERSING POWER CONTROL BOX ARRANGEMENT DRAWING DWG. NO KDC1bt22
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DATE	REVISIONS	CHK.	APP.	



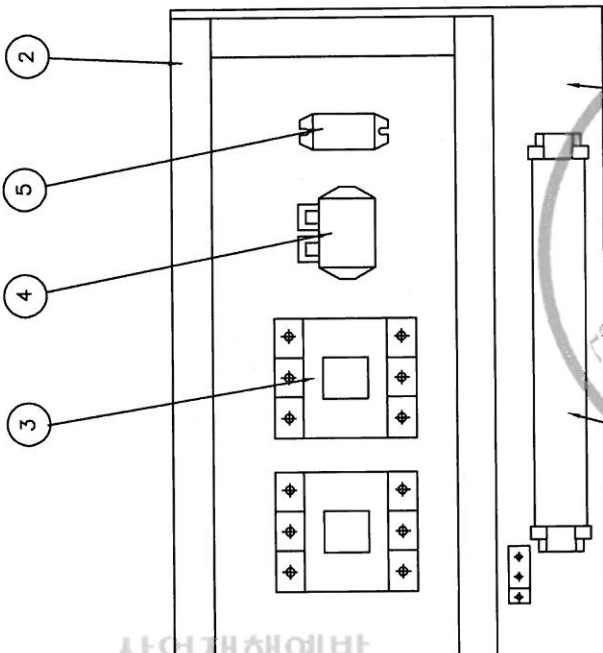
KOREA OCCUPATIONAL SAFETY & HEALTH AGENCY

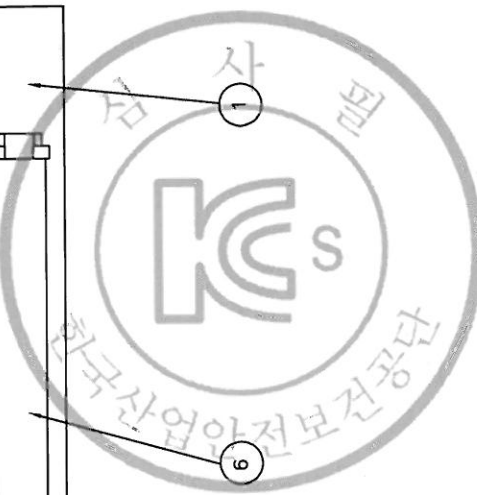
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KDC01E23																																																																																																																																										
POWER CIRCUIT																																																																																																																																										
TRAVERSING MOTION																																																																																																																																										
<table border="1"> <thead> <tr> <th>SPECIFICATION SYMBOL'S DESCRIPTION</th> <th>TRAVERSING MOTOR</th> <th>DC MAG' BRAKE</th> <th>MAGNET CONTACTOR</th> <th>SILICON RECTIFIER</th> <th>ELECTRIC OVER CURRENT RELAY</th> <th>LIMIT SWITCH</th> </tr> </thead> <tbody> <tr> <td>IM 30</td> <td>IM 30</td> <td>DB 30</td> <td>M301, M302</td> <td>RF 300</td> <td>EOCR 300</td> <td>LS-301, LS-302</td> </tr> <tr> <td>0.4KW x 4P AC 3PH 220V 60Hz</td> <td></td> <td>DC 100V</td> <td>DMC22C</td> <td>SR-30 AC 220V/DC 100V</td> <td>SS-05</td> <td>HY - W904</td> </tr> <tr> <td>0.2KW x 6P AC 3PH 220V 60Hz</td> <td></td> <td>DC 100V</td> <td>DMC22C</td> <td>SR-30 AC 220V/DC 100V</td> <td>SS-05</td> <td>HY - W904</td> </tr> </tbody> </table>																				SPECIFICATION SYMBOL'S DESCRIPTION	TRAVERSING MOTOR	DC MAG' BRAKE	MAGNET CONTACTOR	SILICON RECTIFIER	ELECTRIC OVER CURRENT RELAY	LIMIT SWITCH	IM 30	IM 30	DB 30	M301, M302	RF 300	EOCR 300	LS-301, LS-302	0.4KW x 4P AC 3PH 220V 60Hz		DC 100V	DMC22C	SR-30 AC 220V/DC 100V	SS-05	HY - W904	0.2KW x 6P AC 3PH 220V 60Hz		DC 100V	DMC22C	SR-30 AC 220V/DC 100V	SS-05	HY - W904																																																																																											
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산업재해예방 안전보건공단 KDC01E23 KOREA OCCUPATIONAL SAFETY & HEALTH AGENCY 192.168.11.83 / 2014-12-31 09:43:38																																																																																																																																										

192.168.11.83 / 2014-12-31 09:43:38

불법복제 및 배포금지

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																			ADR'S NO.



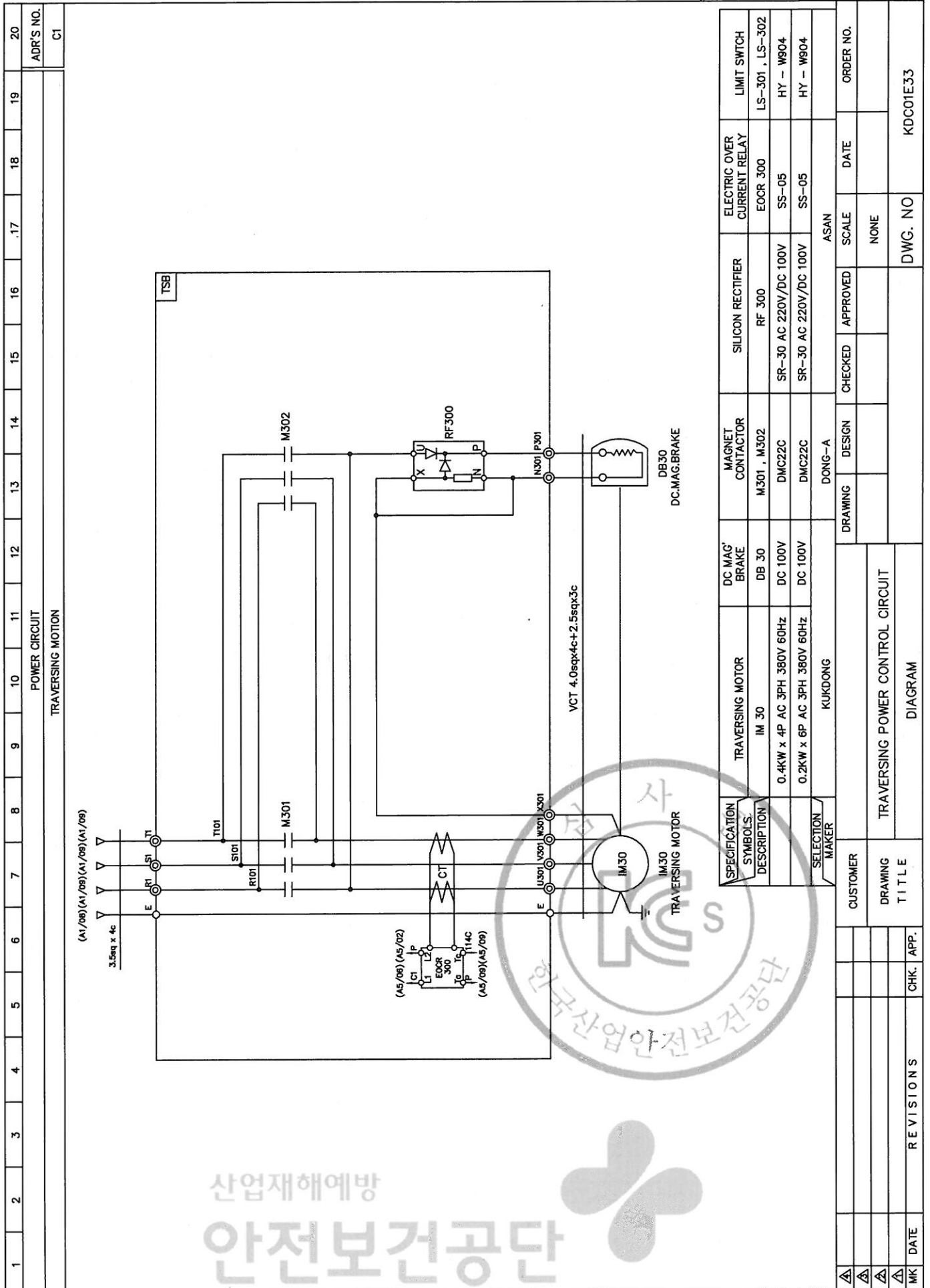


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1	CHASSIS PLATE	-	1	아 연 도 금
2	CABLE DUCT	-	1	
3	MAGNET CONTACTOR	DMC22C	2	TRAVERSING
4	E.O.C.R	SS-05	1	TRAVERSING
5	SILICON RECTIFIER	SR-30	1	TRAVERSING
6	TERMINAL BLOCK	25A , 15A	1	TRAVERSING

DRAWING		DESIGN	CHECKED	APPROVED	SCALE	DATE	ORDER NO.
					NONE		
KUK DONG HOIST CO., LTD.		KUK DONG HOIST CO., LTD.		DWG. NO		KDC1bt32	

CUSTOMER		DRAWING TITLE	
		TRAVERSING POWER CONTROL BOX	
REVISONS		ARRANGEMENT DRAWING	
DATE	CHK.	APP.	





KDC01E33

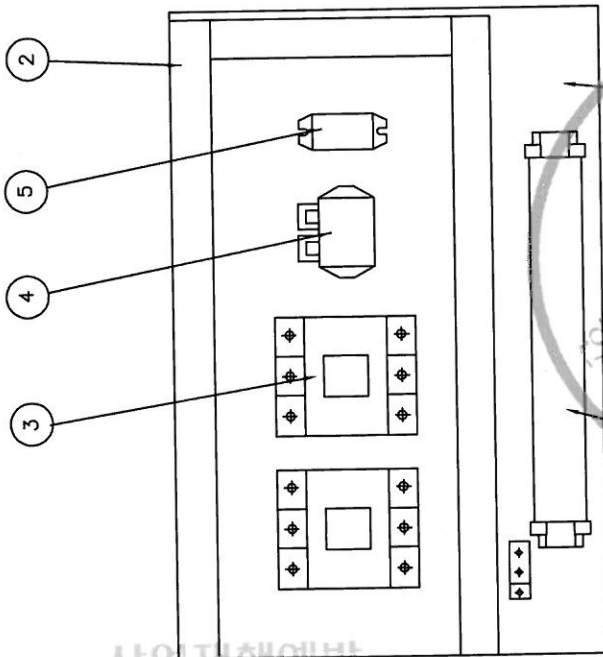
산업재해예방
안전보건공단

KOREA OCCUPATIONAL SAFETY & HEALTH AGENCY

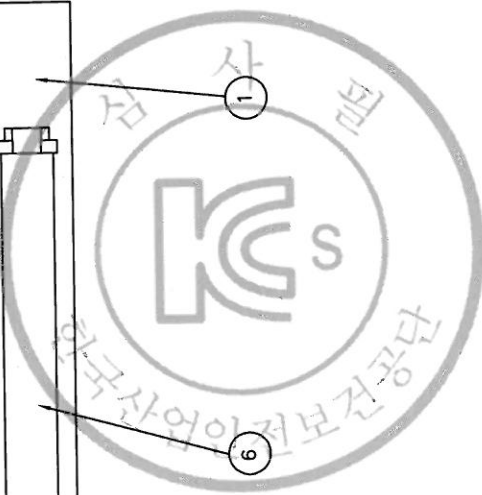
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192.168.11.83 / 2014-12-31 09:43:38

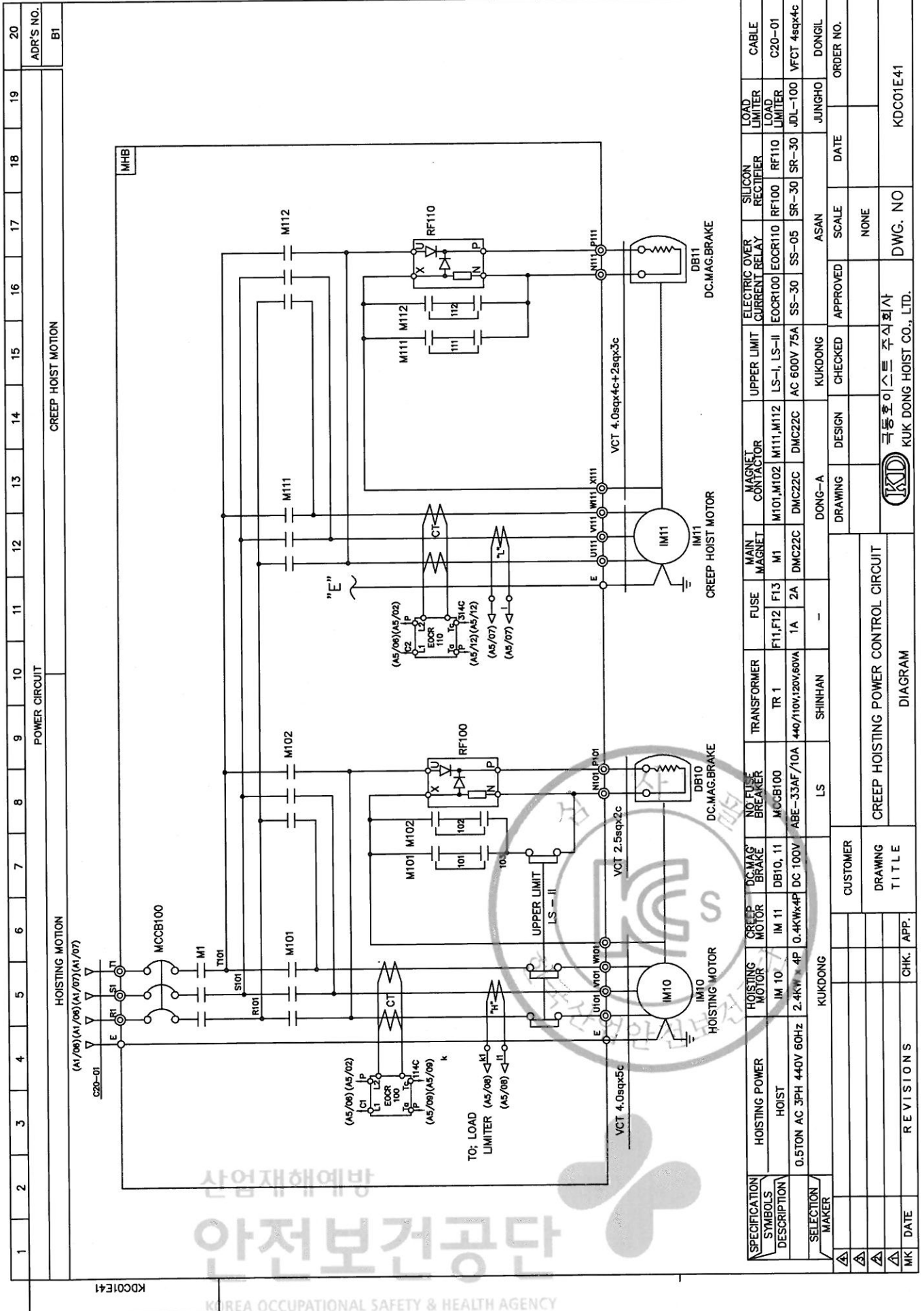
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																			ADR'S NO.



NO	DESCRIPTION	SPEC	Q'TY	REMARK
1	CHASSIS PLATE	-	1	아 연 표 금
2	CABLE DUCT	-	1	
3	MAGNET CONTACTOR	DMC22C	2	TRAVERSING
4	E.O.C.R	SS-05	1	TRAVERSING
5	SILICON RECTIFIER	SR-30	1	TRAVERSING
6	TERMINAL BLOCK	25A , 15A	1	TRAVERSING



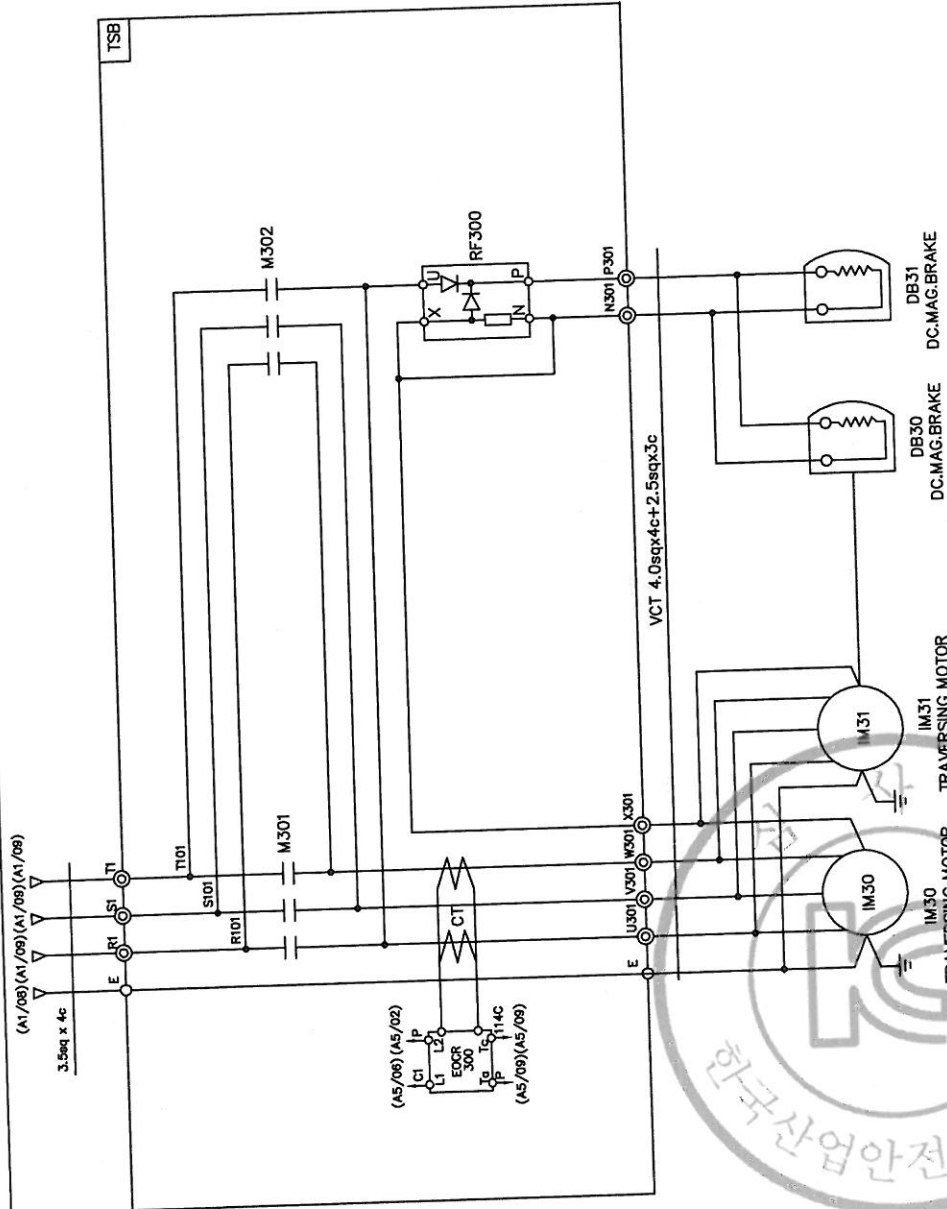
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	CHK.																		
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	DWG. NO	KDC1bt42																	
	ORDER NO.																		



안전보건공단
KOREA OCCUPATIONAL SAFETY & HEALTH AGENCY

KOREA OCCUPATIONAL SAFETY & HEALTH AGENCY

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



SPECIFICATION	SYMBOLS	DESCRIPTION	TRAVERSING MOTOR	DC MAG' BRAKE	MAGNET CONTACTOR	SILICON RECTIFIER	ELECTRIC OVER CURRENT RELAY	LIMIT SWITCH
			IM 30, 1M31	DB 30	M301, M302	RF 300	EOCR 300	LS-301, LS-302
			0.4KW x 4P AC 3PH 440V 60Hz	DC 100V	DMC22C	SR-30 AC 220V/DC 100V	SS-05	HY - W904
			0.2KW x 6P AC 3PH 440V 60Hz	DC 100V	DMC22C	SR-30 AC 220V/DC 100V	SS-05	HY - W904
SELECTION	MAKER	KUKDONG						
		DONG-A						
CUSTOMER		DRAWING	DESIGN	CHECKED	APPROVED	SCALE	DATE	ORDER NO.
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DRAWING TITLE		TRAVERSING POWER CONTROL CIRCUIT						
		DIAGRAM						
DATE	REVISIONS	CHK.	APP.	DWG. NO				
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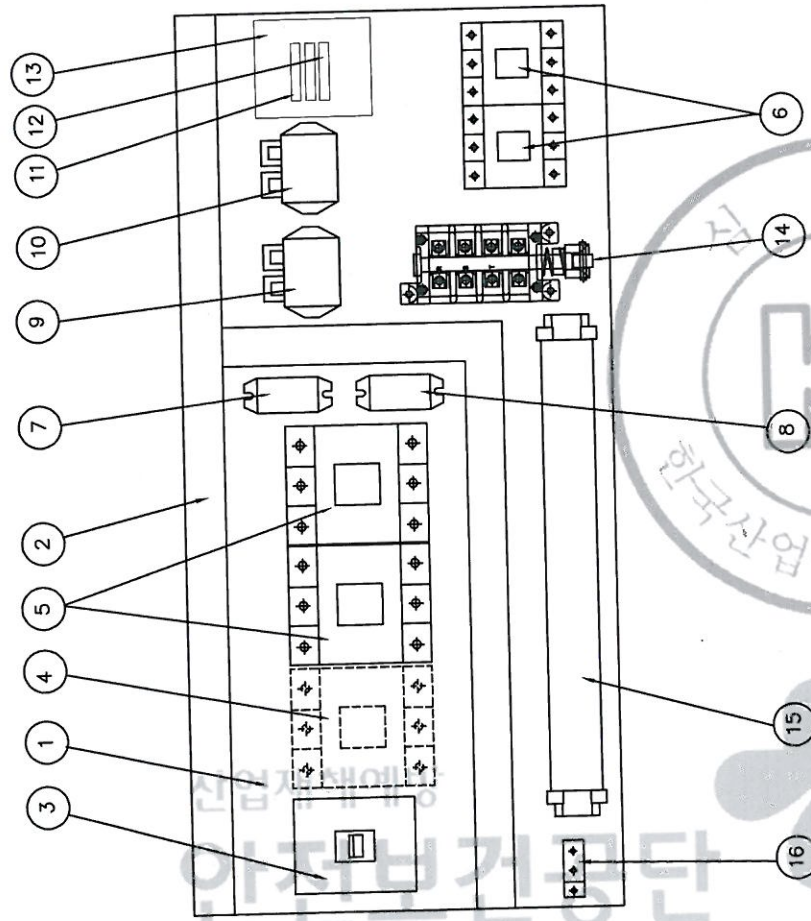
산업재해예방
안전보건공단

KOREA OCCUPATIONAL SAFETY & HEALTH AGENCY

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

NO	DESCRIPTION	SPECIFICATION	Q'TY	REMARK
1	CHASSIS PLATE		1	아 연 도 금
2	CABLE DUCT	-	1	
3	N.F.B	33AF/10AT	1	HOISTING
4	MAGNET CONTACTOR	DMC22C	1	MAIN MAG.
5	MAGNET CONTACTOR	DMC22C	2	HOISTING
6	MAGNET CONTACTOR	DMC22C	2	CREEP HOIST
7	SILICON RECTIFIER	SR-30	1	HOISTING
8	SILICON RECTIFIER	SR-30	1	CREEP HOIST
9	E.O.C.R	SS-30	1	HOISTING
10	E.O.C.R	SS-05	1	CREEP HOIST
11	FUSE	1 A	2	
12	FUSE	2 A	1	
13	TRANSFORMER	220V/110V(120V), 60VA	1	
14	UPPER LIMITER	AC 600V, 75A	1	LS-1,2
15	TERMINAL BLOCK	60A,15A		
16	EARTH TERMINAL	3tx20x50	1	

NOTE 1. 전선의 색상은 다음과 같다.
 1) 흑색 : 교류 및 직류 전원선
 2) 적색 : 교류제어선
 3) 파랑색 : 외부 전원에서 공급되는 운동장치 제어회로
 4) 녹색 또는 녹색과 황색 혼용 : 접지선
 2. CABLE MATERIAL : KIV OR EQUIVALENT
 MIN SIZE : 2.5sq
 3. 제어용 전선 : 2.5mm KIV/HIV
 4. 제자리 다스 변경 필수있음.
 5. 외함 개방구조는 다음과 같음.
 1) 외함 개방시 충전부분이 차단되도록 함.
 2) 외함 개방후 충전되어있는 부분은 IP2X 이상의 직접 접촉 방호가 되어있을것.



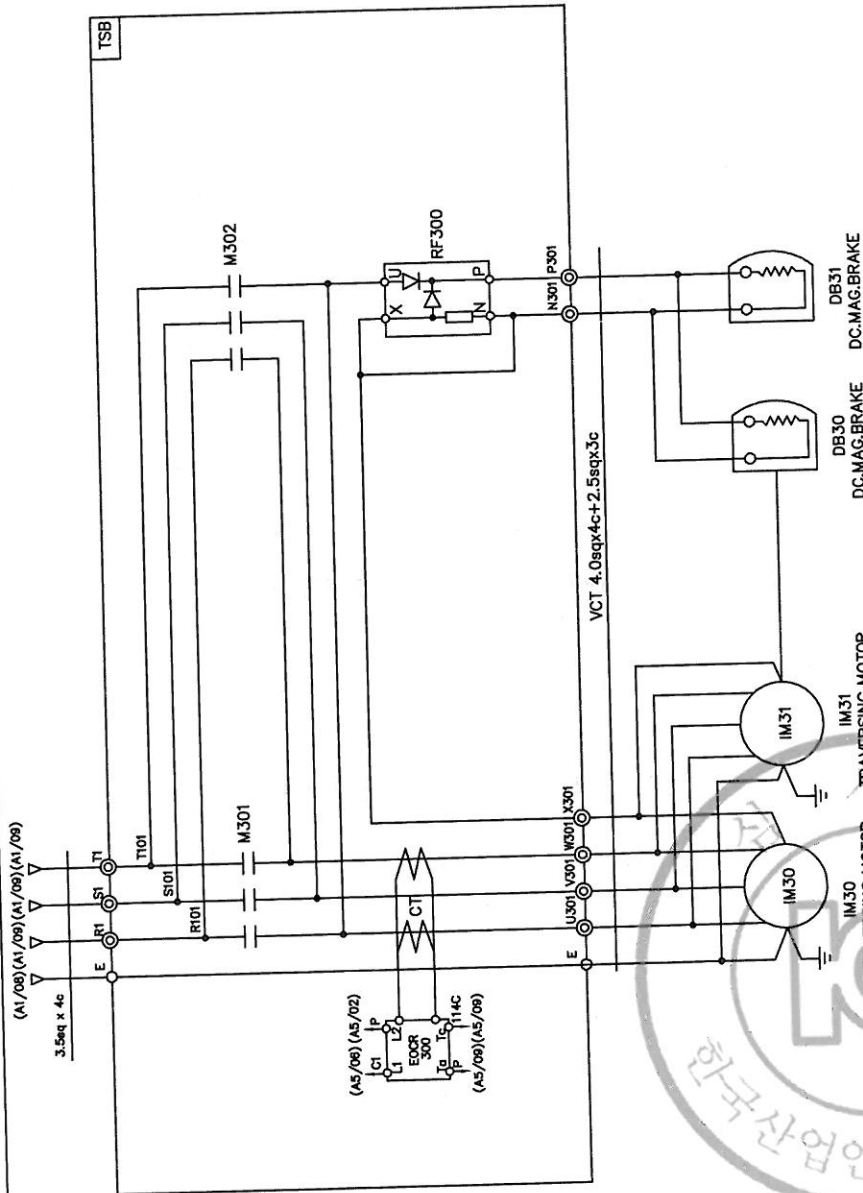
NOTE
 1. UPPER LIMIT LS-1,LS-2의 접점 허용 전류 용량 : AC 600V, 75A
 2. POWER SOURCE : AC. 3φ 460V 60HZ
 3. EARTH TERMINAL RESISTANCE : 0.018Ω



MK	DATE	REVISIONS	CHK.	APP.	CUSTOMER	DRAWING				DESIGN				CHECKED				APPROVED				SCALE	DATE	ORDER NO.										
	CREEP HOIST CONTROL BOX																	NONE																
					DRAWING TITLE					ARRANGEMENT DRAWING															DWG. NO					KDC1BA51				

[illegible]

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POWER CIRCUIT																			ADR'S NO.
TRAVERSING MOTION																			C2



SPECIFICATION		TRAVERSING MOTOR		DC MAG' BRAKE		MAGNET CONTACTOR		SILICON RECTIFIER		ELECTRIC OVER CURRENT RELAY		LIMIT SWITCH							
SYMBOLS		IM 30 , 1M31		DB 30		M301 , M302		RF 300		EOCR 300		LS-301 , LS-302							
DESCRIPTION		0.4KW x 4P AC 3PH 460V 60Hz		DC 100V		DMC22C		SR-30 AC 220V/DC 100V		SS-05		HY - W904							
		0.2KW x 6P AC 3PH 460V 60Hz		DC 100V		DMC22C		SR-30 AC 220V/DC 100V		SS-05		HY - W904							
SELECTION				KUKDONG		DONG-A		ASAN											
MAKER						DRAWING		DESIGN		CHECKED		APPROVED		SCALE		DATE		ORDER NO.	
		CUSTOMER																	
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		TITLE		DIAGRAM															
		APP.																	
		CHK.																	
		REVISIONS																	
		DATE																	
		MK																	

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

1. 전선의 색상은 다음과 같다.
 1) 흑색 : 교류 및 직류 전원선로
 2) 적색 : 교류제어선
 3) 주황색 : 외부 전원에서 공급되는 운동장치 제어회로
 4) 녹색 또는 녹색과 황색 혼용 : 접지선
2. CABLE MATERIAL : KIV OR EQUIVALENT
 MIN SIZE : 2.5sq
3. 제어용 전선 : 2.5mm KIV/HIV
4. 제작시 다소 변경 될수있음.
5. 외함 개방구조는 다음과 같음.

1) 외함 개방시 충전부분이 차단되도록 함것.
 2) 외함 개방후 충전되어있는 부분은 IP2X 이상의 직접 접촉 방호가 되어있음것.

NO	DESCRIPTION	SPECIFICATION	Q'TY	REMARK
1	CHASSIS PLATE		1	아 연 도 금
2	CABLE DUCT	-	1	
3	N.F.B	33AF/10AT	1	HOISTING
4	MAGNET CONTACTOR	DMC22C	1	MAIN MAG.
5	MAGNET CONTACTOR	DMC22C	2	HOISTING
6	MAGNET CONTACTOR	DMC22C	2	CREEP HOIST
7	SILICON RECTIFIER	SR-30	1	HOISTING
8	SILICON RECTIFIER	SR-30	1	CREEP HOIST
9	E.O.C.R	SS-30	1	HOISTING
10	E.O.C.R	SS-05	1	CREEP HOIST
11	FUSE	1 A	2	
12	FUSE	2 A	1	
13	TRANSFORMER	220V/110V(120V), 60VA	1	
14	UPPER LIMITER	AC 600V, 75A	1	LS-1,2
15	TERMINAL BLOCK	60A,15A		
16	EARTH TERMINAL	3tx20x50	1	

NOTE

1. 전선의 색상은 다음과 같다.
 1) 흑색 : 교류 및 직류 전원선로
 2) 적색 : 교류제어선
 3) 주황색 : 외부 전원에서 공급되는 운동장치 제어회로
 4) 녹색 또는 녹색과 황색 혼용 : 접지선
2. CABLE MATERIAL : KIV OR EQUIVALENT
 MIN SIZE : 2.5sq
3. 제어용 전선 : 2.5mm KIV/HIV
4. 제작시 다소 변경 될수있음.
5. 외함 개방구조는 다음과 같음.

1) 외함 개방시 충전부분이 차단되도록 함것.
 2) 외함 개방후 충전되어있는 부분은 IP2X 이상의 직접 접촉 방호가 되어있음것.

NOTE

1. 전선의 색상은 다음과 같다.
 1) 흑색 : 교류 및 직류 전원선로
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 4) 녹색 또는 녹색과 황색 혼용 : 접지선
2. CABLE MATERIAL : KIV OR EQUIVALENT
 MIN SIZE : 2.5sq
3. 제어용 전선 : 2.5mm KIV/HIV
4. 제작시 다소 변경 될수있음.
5. 외함 개방구조는 다음과 같음.

1) 외함 개방시 충전부분이 차단되도록 함것.
 2) 외함 개방후 충전되어있는 부분은 IP2X 이상의 직접 접촉 방호가 되어있음것.

불법복제 및 배포금지

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

NO	DESCRIPTION	SPEC	Q'TY	REMARK
1	CHASSIS PLATE	-	1	아 연 도 금
2	CABLE DUCT	-	1	
3	MAGNET CONTACTOR	DMC22C	2	TRAVERSING
4	E.O.C.R	SS-05	1	TRAVERSING
5	SILICON RECTIFIER	SR-30	1	TRAVERSING
6	TERMINAL BLOCK	25A , 15A	1	TRAVERSING

CUSTOMER		DRAWING TITLE		REVISIONS		DATE	CHK.	APP.
		TRAVERSING POWER CONTROL BOX						
		ARRANGEMENT DRAWING						

DRAWING	DESIGN	CHECKED	APPROVED	SCALE	DATE	ORDER NO.
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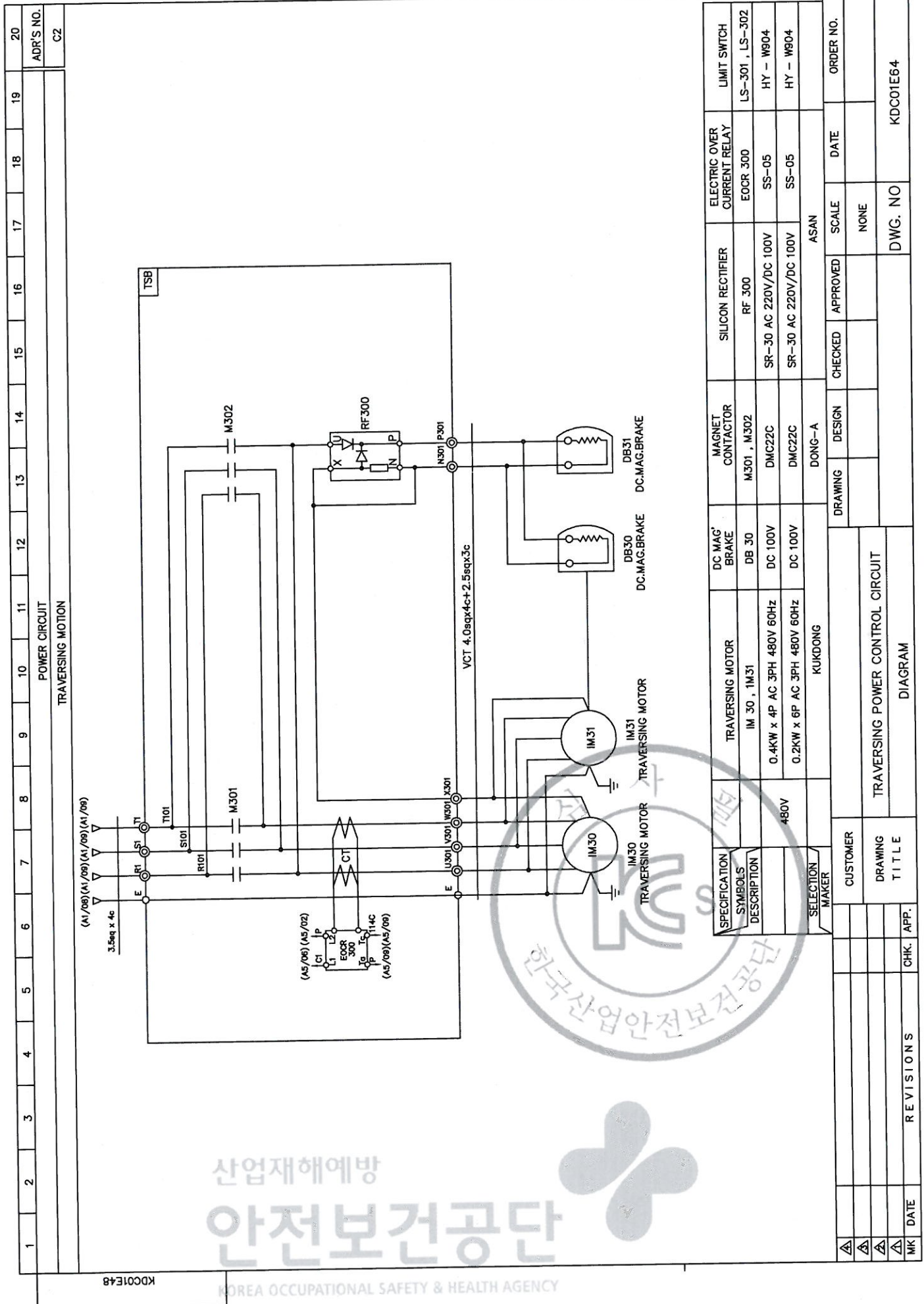
KUK DONG HOIST CO., LTD.		DWG. NO	KDC1bt62
극동호이스트 주식회사			

CREEP HOIST MOTION



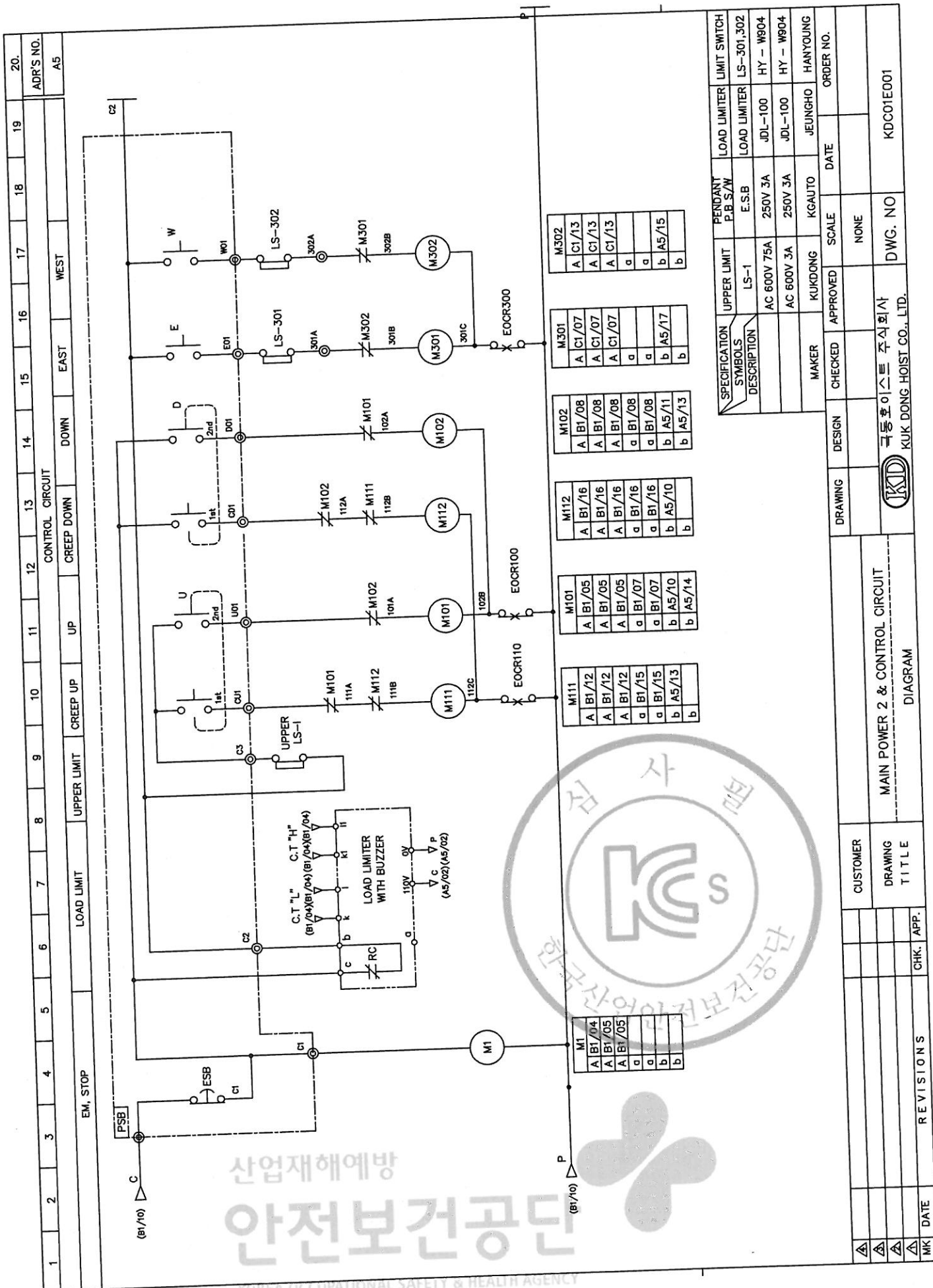
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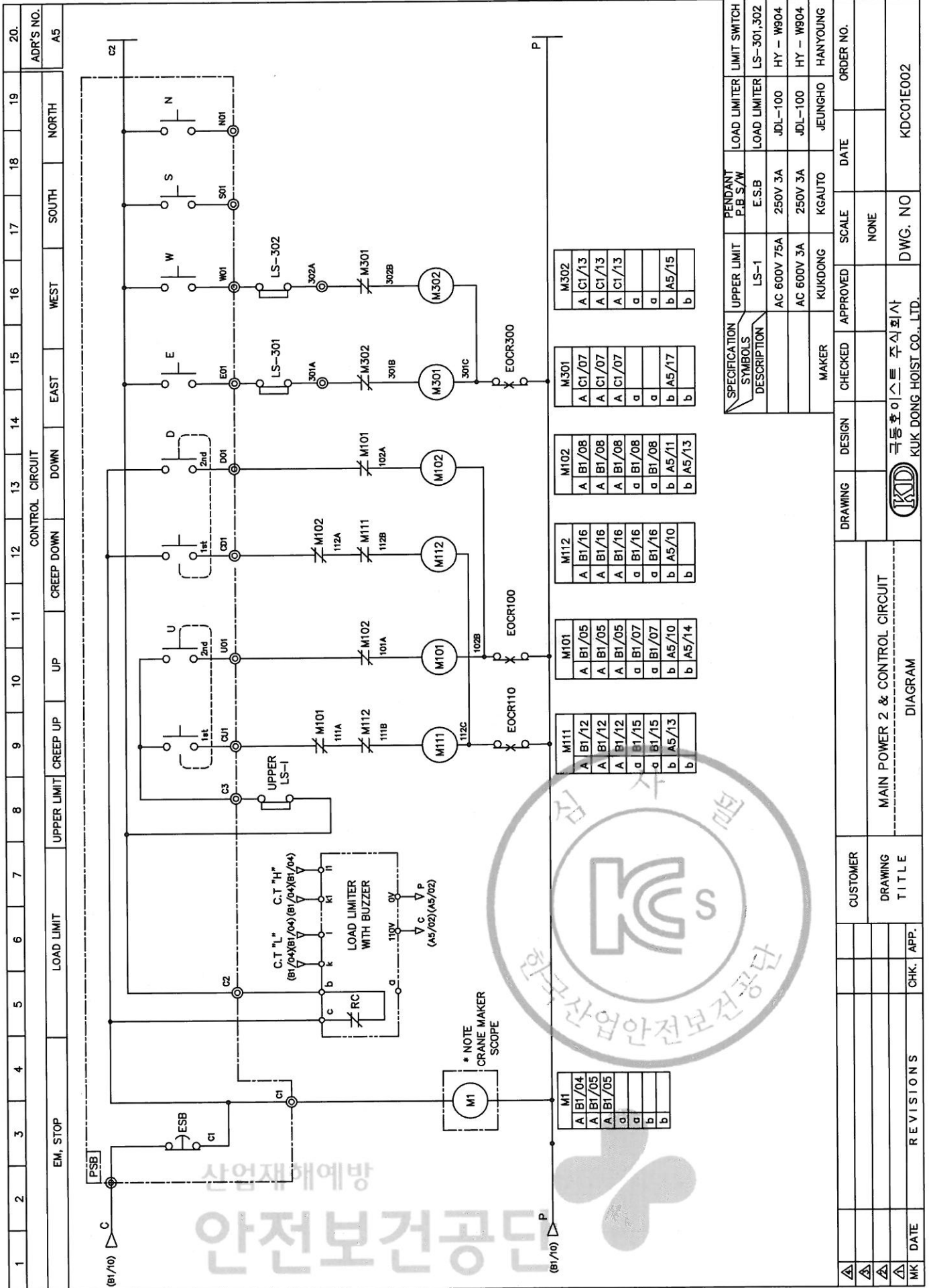
KOREA OCCUPATIONAL SAFETY & HEALTH AGENCY

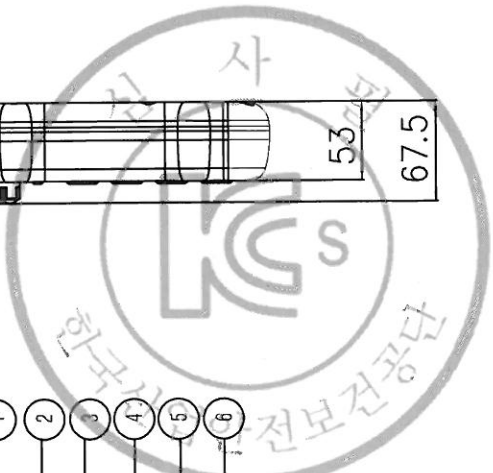


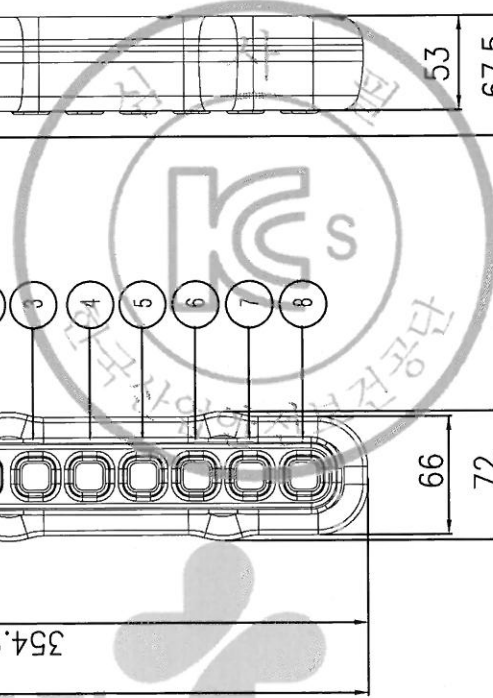
산업재해예방
안전보건공단

KOREA OCCUPATIONAL SAFETY & HEALTH AGENCY









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

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

IV. 참 고 도 서

- 1 LOAD LIMITER 권고 SETTING 치
- 2 E.O.C.R 권고 SETTING치
- 3 MOTOR DATA SHEET
- 4 사용방법 설명서 (HOIST, OLP)
- 5 PUSH BUTTON 카다록 및 IP 성적서
- 6 WIRE ROPE 성적서
- 7 SUB VENDOR LIST
- 8 INVERTER 취급설명서



산업재해예방

안전보건공단

KOREA OCCUPATIONAL SAFETY & HEALTH AGENCY



LOAD LIMITER 권고 SETTING치

극동호이스트(주)

* POWER SOURCE : AC 3Φ 220V 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%				
C0.5 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

극동호이스트(주)

* POWER SOURCE : AC 3Φ 380V 60Hz

HOIST	MOTOR 용량	LOAD LIMITER 권고 SETTING치			LOAD CURRENT		C.T MODEL	연결단자 NO	C.T 용량	REMARK
		LOAD CURRENT	ADJ START TIME	SHOCK TIME	100%	110%				
C0.5 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%				
C0.5 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 3 Ø 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%				
C0.5 TON	2.4KW x 4P	110%	1 SEC	1 SEC	4.8 A	5.2 A	CT-2	K-K1, L-L1	5 V.A	
	0.4KW x 4P	110%	1 SEC	1 SEC	1.3 A	1.5 A	CT-1	K-K1, L-L1	5 V.A	
C2 TON	3.7KW x 4P	110%	1 SEC	1 SEC	7.7 A	8.5 A	CT-2	K-K1, L-L1	5 V.A	
	0.4KW x 4P	110%	1 SEC	1 SEC	1.3 A	1.5 A	CT-1	K-K1, L-L1	5 V.A	
C2.8 TON	5.0KW x 4P	110%	1 SEC	1 SEC	10.0 A	11.5 A	CT-2	K-K1, L-L1	5 V.A	
	1.5KW x 4P	110%	1 SEC	1 SEC	3.5 A	4.3 A	CT-1	K-K1, L-L1	5 V.A	
C3 TON	5.5KW x 4P	110%	1 SEC	1 SEC	10.0 A	11.5 A	CT-2	K-K1, L-L1	5 V.A	
	1.5KW x 4P	110%	1 SEC	1 SEC	3.5 A	4.3 A	CT-1	K-K1, L-L1	5 V.A	
C5 TON	5.5KW x 6P	110%	1 SEC	1 SEC	13.5 A	14.7 A	CT-2	K-K1, L-L1	5 V.A	
	1.0KW x 6P	110%	1 SEC	1 SEC	3.2 A	3.6 A	CT-1	K-K1, L-L1	5 V.A	
C7.5 TON	5.5KW x 6P	110%	1 SEC	1 SEC	13.5 A	14.7 A	CT-2	K-K1, L-L1	5 V.A	
	1.0KW x 6P	110%	1 SEC	1 SEC	3.2 A	3.6 A	CT-1	K-K1, L-L1	5 V.A	
C10 TON	9.0KW x 8P	110%	1 SEC	1 SEC	21.5 A	23.7 A	CT-2	K-K1, L-L1	5 V.A	
	1.1KW x 8P	110%	1 SEC	1 SEC	4.0 A	5.4 A	CT-1	K-K1, L-L1	5 V.A	

NOTE

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

LOAD LIMITER 권고 SETTING치

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%				
C0.5 TON	2.4KW x 4P	110%	1 SEC	1 SEC	4.6 A	5.0 A	CT-2	K-K1, L-L1	5 V.A	
	0.4KW x 4P	110%	1 SEC	1 SEC	1.2 A	1.35 A	CT-1	K-K1, L-L1	5 V.A	
C2 TON	3.7KW x 4P	110%	1 SEC	1 SEC	7.3 A	8.2 A	CT-2	K-K1, L-L1	5 V.A	
	0.4KW x 4P	110%	1 SEC	1 SEC	1.2 A	1.35 A	CT-1	K-K1, L-L1	5 V.A	
C2.8 TON	5.0KW x 4P	110%	1 SEC	1 SEC	9.6 A	11.2 A	CT-2	K-K1, L-L1	5 V.A	
	1.5KW x 4P	110%	1 SEC	1 SEC	3.4 A	4.3 A	CT-1	K-K1, L-L1	5 V.A	
C3 TON	5.5KW x 4P	110%	1 SEC	1 SEC	9.6 A	11.2 A	CT-2	K-K1, L-L1	5 V.A	
	1.5KW x 4P	110%	1 SEC	1 SEC	3.4 A	4.3 A	CT-1	K-K1, L-L1	5 V.A	
C5 TON	5.5KW x 6P	110%	1 SEC	1 SEC	12.9 A	14.2 A	CT-2	K-K1, L-L1	5 V.A	
	1.0KW x 6P	110%	1 SEC	1 SEC	3.1 A	3.5 A	CT-1	K-K1, L-L1	5 V.A	
C7.5 TON	5.5KW x 6P	110%	1 SEC	1 SEC	12.9 A	14.2 A	CT-2	K-K1, L-L1	5 V.A	
	1.0KW x 6P	110%	1 SEC	1 SEC	3.1 A	3.5 A	CT-1	K-K1, L-L1	5 V.A	
C10 TON	9.0KW x 8P	110%	1 SEC	1 SEC	20.6 A	22.7 A	CT-2	K-K1, L-L1	5 V.A	
	1.1KW x 8P	110%	1 SEC	1 SEC	4.0 A	5.4 A	CT-1	K-K1, L-L1	5 V.A	

NOTE

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

E.O.C.R 권고 SETTING치

* POWER SOURCE : AC 3Φ 220V 60Hz

극동호이스트(주)

HOIST	MOTOR 용량	MOTOR 정격 전류	DRIVE TYPE	E.O.C.R TYPE	권고 SETTING 치			REMARK
					DELAY TIME	OPERATION TIME	CURRENT	
C0.5 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	
C0.5 TON	2.4KW x 4P	5.8 A	1 DRAVE	SS-30	3 SEC	1 SEC	5.8 A	
	0.4KW x 4P	1.6 A	1 DRAVE	SS-05	3 SEC	1 SEC	1.6 A%	
C2 TON	3.7KW x 4P	9.3 A	1 DRAVE	SS-30	3 SEC	1 SEC	9.3 A	
	0.4KW x 4P	1.6 A	1 DRAVE	SS-05	3 SEC	1 SEC	1.6 A	
C2.8 TON	5.0KW x 4P	12.2 A	1 DRAVE	SS-30	3 SEC	1 SEC	12.2 A	
	1.5KW x 4P	4.2 A	1 DRAVE	SS-05	3 SEC	1 SEC	4.2 A	
C3 TON	5.5KW x 4P	12.2 A	1 DRAVE	SS-30	3 SEC	1 SEC	12.2 A	
	1.5KW x 4P	4.2 A	1 DRAVE	SS-05	3 SEC	1 SEC	4.2 A	
C5 TON	5.5KW x 6P	16.3 A	1 DRAVE	SS-30	3 SEC	1 SEC	16.3 A	
	1.0KW x 6P	3.9 A	1 DRAVE	SS-05	3 SEC	1 SEC	3.9 A	
C7.5 TON	5.5KW x 6P	16.3 A	1 DRAVE	SS-30	3 SEC	1 SEC	16.3 A	
	1.0KW x 6P	3.9 A	1 DRAVE	SS-05	3 SEC	1 SEC	3.9 A	
C10 TON	9.0KW x 8P	26.0 A	1 DRAVE	SS-30	3 SEC	1 SEC	26.0 A	
	1.1KW x 8P	4.6 A	1 DRAVE	SS-05	3 SEC	1 SEC	4.6 A	

NOTE

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

E.O.C.R 권고 SETTING치

* POWER SOURCE : AC 3Φ 440V 60Hz

극동호이스트(주)

HOIST	MOTOR 용량	MOTOR 정격 전류	DRIVE TYPE	E.O.C.R TYPE	권고 SETTING 치			REMARK
					DELAY TIME	OPERATION TIME	CURRENT	
C0.5 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

HOIST	MOTOR 용량	MOTOR 정격 전류	DRIVE TYPE	E.O.C.R TYPE	권고 SETTING 치			REMARK
					DELAY TIME	OPERATION TIME	CURRENT	
C0.5 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	4.0 A	1 DRAVE	SS-05	3 SEC	1 SEC	4.0 A	

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

E.O.C.R 권고 SETTING치

* POWER SOURCE : AC 3Φ 480V 60Hz

극동호이스트(주)

HOIST	MOTOR 용량	MOTOR 정격 전류	DRIVE TYPE	E.O.C.R TYPE	권고 SETTING 치			REMARK
					DELAY TIME	OPERATION TIME	CURRENT	
C0.5 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	4.0 A	1 DRAVE	SS-05	3 SEC	1 SEC	4.0 A	

NOTE

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

THREE PHASE INDUCTION MOTOR DATA SHEET

SCHEDULE OF TECHNICAL DATA

1. SERVICE	HOISTING
2. MANUFACTURE	극동호이스트(주)
3. FRAME NUMBER	112 S
4. RATED POWER	2.4 KW x 4 P
5. RATED VOLTAGE AND FREQUENCY	220 V 60 Hz
6. MOTOR TYPE	SQUIRREL CAGE ROTOR TYPE
7. SERVICE FACTOR AND RATting	1.0 , 30 MIN
8. LOCATION AND INSULATION CLASS	INDOOR, OUTDOOR, B CLASS
9. DESIGN TEMPERATURE RISE(BY RESISTANCE)	80 °C
10. FULL LOAD SPEED	1692 RPM
11. FULL LOAD CURRENT	10 A
12. STARTING CURRENT AT RATED VOLTAGE	59 A
13. MINIMUM STARTING VOLTAGE	200 V
14. EFFICIENCY AT 100% RATED LOAD	75 %
15. POWER FACTOR AT 100% RATED LOAD	77 %
16. STARTING TORQUE	2.88 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	H O R I Z O N T A L
21. MAXIMUM AMBIENT TEMPERATURE	40 °C
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 DATA SHEET

SCHEDULE OF TECHNICAL DATA

1. SERVICE	HOISTING
2. MANUFACTURE	극동호이스트(주)
3. FRAME NUMBER	112 S
4. RATED POWER	2.4 KW x 4 P
5. RATED VOLTAGE AND FREQUENCY	380 V 60 Hz
6. MOTOR TYPE	SQUIRREL CAGE ROTOR TYPE
7. SERVICE FACTOR AND RATting	1.0 , 30 MIN
8. LOCATION AND INSULATION CLASS	INDOOR, OUTDOOR, B CLASS
9. DESIGN TEMPERATURE RISE(BY RESISTANCE)	80 °C
10. FULL LOAD SPEED	1692 RPM
11. FULL LOAD CURRENT	5.8 A
12. STARTING CURRENT AT RATED VOLTAGE	34.2 A
13. MINIMUM STARTING VOLTAGE	345 V
14. EFFICIENCY AT 100% RATED LOAD	75 %
15. POWER FACTOR AT 100% RATED LOAD	77 %
16. STARTING TORQUE	2.88 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	H O R I Z O N T A L
21. MAXIMUM AMBIENT TEMPERATURE	40 °C
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 DATA SHEET

SCHEDULE OF TECHNICAL DATA

1. SERVICE	HOISTING
2. MANUFACTURE	극동호이스트(주)
3. FRAME NUMBER	112 S
4. RATED POWER	2.4 KW x 4 P
5. RATED VOLTAGE AND FREQUENCY	440 V 60 Hz
6. MOTOR TYPE	SQUIRREL CAGE ROTOR TYPE
7. SERVICE FACTOR AND RATting	1.0 , 30 MIN
8. LOCATION AND INSULATION CLASS	INDOOR, OUTDOOR, B CLASS
9. DESIGN TEMPERATURE RISE(BY RESISTANCE)	80 °C
10. FULL LOAD SPEED	1692 RPM
11. FULL LOAD CURRENT	5.0 A
12. STARTING CURRENT AT RATED VOLTAGE	29.5 A
13. MINIMUM STARTING VOLTAGE	400 V
14. EFFICIENCY AT 100% RATED LOAD	75 %
15. POWER FACTOR AT 100% RATED LOAD	77 %
16. STARTING TORQUE	2.88 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	H O R I Z O N T A L
21. MAXIMUM AMBIENT TEMPERATURE	40 °C
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 DATA SHEET

SCHEDULE OF TECHNICAL DATA

1. SERVICE	HOISTING
2. MANUFACTURE	극동호이스트(주)
3. FRAME NUMBER	112 S
4. RATED POWER	2.4 KW x 4 P
5. RATED VOLTAGE AND FREQUENCY	460 V 60 Hz
6. MOTOR TYPE	SQUIRREL CAGE ROTOR TYPE
7. SERVICE FACTOR AND RATting	1.0 , 30 MIN
8. LOCATION AND INSULATION CLASS	INDOOR, OUTDOOR, B CLASS
9. DESIGN TEMPERATURE RISE(BY RESISTANCE)	80 °C
10. FULL LOAD SPEED	1692 RPM
11. FULL LOAD CURRENT	4.8 A
12. STARTING CURRENT AT RATED VOLTAGE	28.3 A
13. MINIMUM STARTING VOLTAGE	418 V
14. EFFICIENCY AT 100% RATED LOAD	75 %
15. POWER FACTOR AT 100% RATED LOAD	77 %
16. STARTING TORQUE	2.88 KGM
17. SITE ALTITUDE(UNDER)	1000 M
18. ENCLOSURE & COOLING METHOD	TENV
19. TYPE OF BEARING	PL : 6206zz OPL : 6206zz
20. MOUNTING	HORIZONTAL
21. MAXIMUM AMBIENT TEMPERATURE	40 °C
22. BEARING LUBRICATION	GREASE
23. STARTING METHOD	FULL VOLTAGE

THREE PHASE INDUCTION MOTOR DATA SHEET

SCHEDULE OF TECHNICAL DATA

1. SERVICE	HOISTING
2. MANUFACTURE	극동호이스트(주)
3. FRAME NUMBER	112 S
4. RATED POWER	2.4 KW x 4 P
5. RATED VOLTAGE AND FREQUENCY	480 V 60 Hz
6. MOTOR TYPE	SQUIRREL CAGE ROTOR TYPE
7. SERVICE FACTOR AND RATting	1.0 , 30 MIN
8. LOCATION AND INSULATION CLASS	INDOOR, OUTDOOR, B CLASS
9. DESIGN TEMPERATURE RISE(BY RESISTANCE)	80 °C
10. FULL LOAD SPEED	1692 RPM
11. FULL LOAD CURRENT	4.6 A
12. STARTING CURRENT AT RATED VOLTAGE	27.1 A
13. MINIMUM STARTING VOLTAGE	436 V
14. EFFICIENCY AT 100% RATED LOAD	75 %
15. POWER FACTOR AT 100% RATED LOAD	77 %
16. STARTING TORQUE	2.88 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 TEMPERATURE	40 °C
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 DATA SHEET

SCHEDULE OF TECHNICAL DATA

1. SERVICE	CREEP HOISTING
2. MANUFACTURE	극동호이스트(주)
3. FRAME NUMBER	80
4. RATED POWER	0.4 KW x 4 P
5. RATED VOLTAGE AND FREQUENCY	220 V 60 Hz
6. MOTOR TYPE	SQUIRREL CAGE ROTOR TYPE
7. SERVICE FACTOR AND RATting	1.0 , 30 MIN
8. LOCATION AND INSULATION CLASS	INDOOR, OUTDOOR, B CLASS
9. DESIGN TEMPERATURE RISE(BY RESISTANCE)	80 °C
10. FULL LOAD SPEED	1692 RPM
11. FULL LOAD CURRENT	2.7 A
12. STARTING CURRENT AT RATED VOLTAGE	14.2 A
13. MINIMUM STARTING VOLTAGE	200 V
14. EFFICIENCY AT 100% RATED LOAD	63.5 %
15. POWER FACTOR AT 100% RATED LOAD	61.5 %
16. STARTING TORQUE	0.7 KGM
17. SITE ALTITUDE(UNDER)	1000 M
18. ENCLOSURE & COOLING METHOD	TENV
19. TYPE OF BEARING	PL : 6205zz OPL : 6204zz
20. MOUNTING	HORIZONTAL
21. MAXIMUM AMBIENT TEMPERATURE	40 °C
22. BEARING LUBRICATION	GREASE
23. STARTING METHOD	FULL VOLTAGE

THREE PHASE INDUCTION MOTOR DATA SHEET

SCHEDULE OF TECHNICAL DATA

1. SERVICE	CREEP HOISTING
2. MANUFACTURE	극동호이스트(주)
3. FRAME NUMBER	80
4. RATED POWER	0.4 KW x 4 P
5. RATED VOLTAGE AND FREQUENCY	380 V 60 Hz
6. MOTOR TYPE	SQUIRREL CAGE ROTOR TYPE
7. SERVICE FACTOR AND RATting	1.0 , 30 MIN
8. LOCATION AND INSULATION CLASS	INDOOR, OUTDOOR, B CLASS
9. DESIGN TEMPERATURE RISE(BY RESISTANCE)	80 °C
10. FULL LOAD SPEED	1692 RPM
11. FULL LOAD CURRENT	1.6 A
12. STARTING CURRENT AT RATED VOLTAGE	8.3 A
13. MINIMUM STARTING VOLTAGE	345 V
14. EFFICIENCY AT 100% RATED LOAD	63.5 %
15. POWER FACTOR AT 100% RATED LOAD	61.5 %
16. STARTING TORQUE	0.7 KGM
17. SITE ALTITUDE(UNDER)	1000 M
18. ENCLOSURE & COOLING METHOD	T E N V
19. TYPE OF BEARING	PL : 6205zz OPL : 6204zz
20. MOUNTING	H O R I Z O N T A L
21. MAXIMUM AMBIENT TEMPERATURE	40 °C
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 DATA SHEET

SCHEDULE OF TECHNICAL DATA

1. SERVICE	CREEP HOISTING
2. MANUFACTURE	극동호이스트(주)
3. FRAME NUMBER	80
4. RATED POWER	0.4 KW x 4 P
5. RATED VOLTAGE AND FREQUENCY	440 V 60 Hz
6. MOTOR TYPE	SQUIRREL CAGE ROTOR TYPE
7. SERVICE FACTOR AND RATting	1.0 , 30 MIN
8. LOCATION AND INSULATION CLASS	INDOOR, OUTDOOR, B CLASS
9. DESIGN TEMPERATURE RISE(BY RESISTANCE)	80 °C
10. FULL LOAD SPEED	1692 RPM
11. FULL LOAD CURRENT	1.4 A
12. STARTING CURRENT AT RATED VOLTAGE	7.1 A
13. MINIMUM STARTING VOLTAGE	400 V
14. EFFICIENCY AT 100% RATED LOAD	63.5 %
15. POWER FACTOR AT 100% RATED LOAD	61.5 %
16. STARTING TORQUE	0.7 KGM
17. SITE ALTITUDE(UNDER)	1000 M
18. ENCLOSURE & COOLING METHOD	T E N V
19. TYPE OF BEARING	PL : 6205zz OPL : 6204zz
20. MOUNTING	H O R I Z O N T A L
21. MAXIMUM AMBIENT TEMPERATURE	40 °C
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 DATA SHEET

SCHEDULE OF TECHNICAL DATA

1. SERVICE	CREEP HOISTING
2. MANUFACTURE	극동호이스트(주)
3. FRAME NUMBER	80
4. RATED POWER	0.4 KW x 4 P
5. RATED VOLTAGE AND FREQUENCY	460 V 60 Hz
6. MOTOR TYPE	SQUIRREL CAGE ROTOR TYPE
7. SERVICE FACTOR AND RATting	1.0 , 30 MIN
8. LOCATION AND INSULATION CLASS	INDOOR, OUTDOOR, B CLASS
9. DESIGN TEMPERATURE RISE(BY RESISTANCE)	80 °C
10. FULL LOAD SPEED	1692 RPM
11. FULL LOAD CURRENT	1.3 A
12. STARTING CURRENT AT RATED VOLTAGE	6.8 A
13. MINIMUM STARTING VOLTAGE	418 V
14. EFFICIENCY AT 100% RATED LOAD	63.5 %
15. POWER FACTOR AT 100% RATED LOAD	61.5 %
16. STARTING TORQUE	0.7 KGM
17. SITE ALTITUDE(UNDER)	1000 M
18. ENCLOSURE & COOLING METHOD	TENV
19. TYPE OF BEARING	PL : 6205zz OPL : 6204zz
20. MOUNTING	HORIZONTAL
21. MAXIMUM AMBIENT TEMPERATURE	40 °C
22. BEARING LUBRICATION	GREASE
23. STARTING METHOD	FULL VOLTAGE

THREE PHASE INDUCTION MOTOR DATA SHEET

SCHEDULE OF TECHNICAL DATA

1. SERVICE	CREEP HOISTING
2. MANUFACTURE	극동호이스트(주)
3. FRAME NUMBER	80
4. RATED POWER	0.4 KW x 4 P
5. RATED VOLTAGE AND FREQUENCY	480 V 60 Hz
6. MOTOR TYPE	SQUIRREL CAGE ROTOR TYPE
7. SERVICE FACTOR AND RATting	1.0 , 30 MIN
8. LOCATION AND INSULATION CLASS	INDOOR, OUTDOOR, B CLASS
9. DESIGN TEMPERATURE RISE(BY RESISTANCE)	80 °C
10. FULL LOAD SPEED	1692 RPM
11. FULL LOAD CURRENT	1.2 A
12. STARTING CURRENT AT RATED VOLTAGE	6.6 A
13. MINIMUM STARTING VOLTAGE	436 V
14. EFFICIENCY AT 100% RATED LOAD	63.5 %
15. POWER FACTOR AT 100% RATED LOAD	61.5 %
16. STARTING TORQUE	0.7 KGM
17. SITE ALTITUDE(UNDER)	1000 M
18. ENCLOSURE & COOLING METHOD	T E N V
19. TYPE OF BEARING	PL : 6205zz OPL : 6204zz
20. MOUNTING	H O R I Z O N T A L
21. MAXIMUM AMBIENT TEMPERATURE	40 °C
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 DATA SHEET

SCHEDULE OF TECHNICAL DATA

1. SERVICE	TRAVERSING
2. MANUFACTURE	극동호이스트(주)
3. FRAME NUMBER	80
4. RATED POWER	0.4 KW x 4 P
5. RATED VOLTAGE AND FREQUENCY	220 V 60 Hz
6. MOTOR TYPE	SQUIRREL CAGE ROTOR TYPE
7. SERVICE FACTOR AND RATting	1.0 , 30 MIN
8. LOCATION AND INSULATION CLASS	INDOOR, OUTDOOR, B CLASS
9. DESIGN TEMPERATURE RISE(BY RESISTANCE)	80 °C
10. FULL LOAD SPEED	1692 RPM
11. FULL LOAD CURRENT	2.7 A
12. STARTING CURRENT AT RATED VOLTAGE	14.2 A
13. MINIMUM STARTING VOLTAGE	200 V
14. EFFICIENCY AT 100% RATED LOAD	63.5 %
15. POWER FACTOR AT 100% RATED LOAD	61.5 %
16. STARTING TORQUE	0.7 KG.M
17. SITE ALTITUDE(UNDER)	1000 M
18. ENCLOSURE & COOLING METHOD	T E N V
19. TYPE OF BEARING	PL : 6205zz OPL : 6204zz
20. MOUNTING	H O R I Z O N T A L
21. MAXIMUM AMBIENT TEMPERATURE	40 °C
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 DATA SHEET

SCHEDULE OF TECHNICAL DATA

1. SERVICE	TRAVERSING
2. MANUFACTURE	극동호이스트(주)
3. FRAME NUMBER	80
4. RATED POWER	0.4 KW x 4 P
5. RATED VOLTAGE AND FREQUENCY	380 V 60 Hz
6. MOTOR TYPE	SQUIRREL CAGE ROTOR TYPE
7. SERVICE FACTOR AND RATting	1.0 , 30 MIN
8. LOCATION AND INSULATION CLASS	INDOOR, OUTDOOR, B CLASS
9. DESIGN TEMPERATURE RISE(BY RESISTANCE)	80 °C
10. FULL LOAD SPEED	1692 RPM
11. FULL LOAD CURRENT	1.6 A
12. STARTING CURRENT AT RATED VOLTAGE	8.3 A
13. MINIMUM STARTING VOLTAGE	345 V
14. EFFICIENCY AT 100% RATED LOAD	63.5 %
15. POWER FACTOR AT 100% RATED LOAD	61.5 %
16. STARTING TORQUE	0.7 KG.M
17. SITE ALTITUDE(UNDER)	1000 M
18. ENCLOSURE & COOLING METHOD	T E N V
19. TYPE OF BEARING	PL : 6205zz OPL : 6204zz
20. MOUNTING	H O R I Z O N T A L
21. MAXIMUM AMBIENT TEMPERATURE	40 °C
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 DATA SHEET

SCHEDULE OF TECHNICAL DATA

1. SERVICE	TRAVERSING
2. MANUFACTURE	극동호이스트(주)
3. FRAME NUMBER	80
4. RATED POWER	0.4 KW x 4 P
5. RATED VOLTAGE AND FREQUENCY	440 V 60 Hz
6. MOTOR TYPE	SQUIRREL CAGE ROTOR TYPE
7. SERVICE FACTOR AND RATting	1.0 , 30 MIN
8. LOCATION AND INSULATION CLASS	INDOOR, OUTDOOR, B CLASS
9. DESIGN TEMPERATURE RISE(BY RESISTANCE)	80 °C
10. FULL LOAD SPEED	1692 RPM
11. FULL LOAD CURRENT	1.4 A
12. STARTING CURRENT AT RATED VOLTAGE	7.1 A
13. MINIMUM STARTING VOLTAGE	400 V
14. EFFICIENCY AT 100% RATED LOAD	63.5 %
15. POWER FACTOR AT 100% RATED LOAD	61.5 %
16. STARTING TORQUE	0.7 KG.M
17. SITE ALTITUDE(UNDER)	1000 M
18. ENCLOSURE & COOLING METHOD	T E N V
19. TYPE OF BEARING	PL : 6205zz OPL : 6204zz
20. MOUNTING	H O R I Z O N T A L
21. MAXIMUM AMBIENT TEMPERATURE	40 °C
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 DATA SHEET

SCHEDULE OF TECHNICAL DATA

1. SERVICE	TRAVERSING
2. MANUFACTURE	극동호이스트(주)
3. FRAME NUMBER	80
4. RATED POWER	0.4 KW x 4 P
5. RATED VOLTAGE AND FREQUENCY	460 V 60 Hz
6. MOTOR TYPE	SQUIRREL CAGE ROTOR TYPE
7. SERVICE FACTOR AND RATting	1.0 , 30 MIN
8. LOCATION AND INSULATION CLASS	INDOOR, OUTDOOR, B CLASS
9. DESIGN TEMPERATURE RISE(BY RESISTANCE)	80 °C
10. FULL LOAD SPEED	1692 RPM
11. FULL LOAD CURRENT	1.3 A
12. STARTING CURRENT AT RATED VOLTAGE	6.8 A
13. MINIMUM STARTING VOLTAGE	418 V
14. EFFICIENCY AT 100% RATED LOAD	63.5 %
15. POWER FACTOR AT 100% RATED LOAD	61.5 %
16. STARTING TORQUE	0.7 KG.M
17. SITE ALTITUDE(UNDER)	1000 M
18. ENCLOSURE & COOLING METHOD	T E N V
19. TYPE OF BEARING	PL : 6205zz OPL : 6204zz
20. MOUNTING	H O R I Z O N T A L
21. MAXIMUM AMBIENT TEMPERATURE	40 °C
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 DATA SHEET

SCHEDULE OF TECHNICAL DATA

1. SERVICE	TRAVERSING
2. MANUFACTURE	극동호이스트(주)
3. FRAME NUMBER	80
4. RATED POWER	0.4 KW x 4 P
5. RATED VOLTAGE AND FREQUENCY	480 V 60 Hz
6. MOTOR TYPE	SQUIRREL CAGE ROTOR TYPE
7. SERVICE FACTOR AND RATting	1.0 , 30 MIN
8. LOCATION AND INSULATION CLASS	INDOOR, OUTDOOR, B CLASS
9. DESIGN TEMPERATURE RISE(BY RESISTANCE)	80 °C
10. FULL LOAD SPEED	1692 RPM
11. FULL LOAD CURRENT	1.2 A
12. STARTING CURRENT AT RATED VOLTAGE	6.6 A
13. MINIMUM STARTING VOLTAGE	436 V
14. EFFICIENCY AT 100% RATED LOAD	63.5 %
15. POWER FACTOR AT 100% RATED LOAD	61.5 %
16. STARTING TORQUE	0.7 KG.M
17. SITE ALTITUDE(UNDER)	1000 M
18. ENCLOSURE & COOLING METHOD	T E N V
19. TYPE OF BEARING	PL : 6205zz OPL : 6204zz
20. MOUNTING	H O R I Z O N T A L
21. MAXIMUM AMBIENT TEMPERATURE	40 °C
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 DATA SHEET

SCHEDULE OF TECHNICAL DATA

1. SERVICE	TRAVERSING
2. MANUFACTURE	극동호이스트(주)
3. FRAME NUMBER	80
4. RATED POWER	0.2 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 TEMPERATURE RISE(BY RESISTANCE)	80 °C
10. FULL LOAD SPEED	1128 RPM
11. FULL LOAD CURRENT	2.0 A
12. STARTING CURRENT AT RATED VOLTAGE	8.6 A
13. MINIMUM STARTING VOLTAGE	200 V
14. EFFICIENCY AT 100% RATED LOAD	56 %
15. POWER FACTOR AT 100% RATED LOAD	46.5 %
16. STARTING TORQUE	0.42 KG.M
17. SITE ALTITUDE(UNDER)	1000 M
18. ENCLOSURE & COOLING METHOD	T E N V
19. TYPE OF BEARING	PL : 6202zz OPL : 6204zz
20. MOUNTING	H O R I Z O N T A L
21. MAXIMUM AMBIENT TEMPERATURE	40 °C
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 DATA SHEET

SCHEDULE OF TECHNICAL DATA

1. SERVICE	TRAVERSING
2. MANUFACTURE	극동호이스트(주)
3. FRAME NUMBER	80
4. RATED POWER	0.2 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 TEMPERATURE RISE(BY RESISTANCE)	80 °C
10. FULL LOAD SPEED	1128 RPM
11. FULL LOAD CURRENT	1.2 A
12. STARTING CURRENT AT RATED VOLTAGE	5.0 A
13. MINIMUM STARTING VOLTAGE	345 V
14. EFFICIENCY AT 100% RATED LOAD	56 %
15. POWER FACTOR AT 100% RATED LOAD	46.5 %
16. STARTING TORQUE	0.42 KG.M
17. SITE ALTITUDE(UNDER)	1000 M
18. ENCLOSURE & COOLING METHOD	T E N V
19. TYPE OF BEARING	PL : 6202zz OPL : 6204zz
20. MOUNTING	H O R I Z O N T A L
21. MAXIMUM AMBIENT TEMPERATURE	40 °C
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 DATA SHEET

SCHEDULE OF TECHNICAL DATA

1. SERVICE	TRAVERSING
2. MANUFACTURE	극동호이스트(주)
3. FRAME NUMBER	80
4. RATED POWER	0.2 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 TEMPERATURE RISE(BY RESISTANCE)	80 °C
10. FULL LOAD SPEED	1128 RPM
11. FULL LOAD CURRENT	1.0 A
12. STARTING CURRENT AT RATED VOLTAGE	4.3 A
13. MINIMUM STARTING VOLTAGE	400 V
14. EFFICIENCY AT 100% RATED LOAD	56 %
15. POWER FACTOR AT 100% RATED LOAD	46.5 %
16. STARTING TORQUE	0.42 KG.M
17. SITE ALTITUDE(UNDER)	1000 M
18. ENCLOSURE & COOLING METHOD	T E N V
19. TYPE OF BEARING	PL : 6202zz OPL : 6204zz
20. MOUNTING	H O R I Z O N T A L
21. MAXIMUM AMBIENT TEMPERATURE	40 °C
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 DATA SHEET

SCHEDULE OF TECHNICAL DATA

1. SERVICE	TRAVERSING
2. MANUFACTURE	극동호이스트(주)
3. FRAME NUMBER	80
4. RATED POWER	0.2 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 TEMPERATURE RISE(BY RESISTANCE)	80 °C
10. FULL LOAD SPEED	1128 RPM
11. FULL LOAD CURRENT	1.0 A
12. STARTING CURRENT AT RATED VOLTAGE	4.1 A
13. MINIMUM STARTING VOLTAGE	418 V
14. EFFICIENCY AT 100% RATED LOAD	56 %
15. POWER FACTOR AT 100% RATED LOAD	46.5 %
16. STARTING TORQUE	0.42 KG.M
17. SITE ALTITUDE(UNDER)	1000 M
18. ENCLOSURE & COOLING METHOD	T E N V
19. TYPE OF BEARING	PL : 6202zz OPL : 6204zz
20. MOUNTING	H O R I Z O N T A L
21. MAXIMUM AMBIENT TEMPERATURE	40 °C
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 DATA SHEET

SCHEDULE OF TECHNICAL DATA

1. SERVICE	TRAVERSING
2. MANUFACTURE	극동호이스트(주)
3. FRAME NUMBER	80
4. RATED POWER	0.2 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 TEMPERATURE RISE(BY RESISTANCE)	80 °C
10. FULL LOAD SPEED	1128 RPM
11. FULL LOAD CURRENT	0.9 A
12. STARTING CURRENT AT RATED VOLTAGE	3.9 A
13. MINIMUM STARTING VOLTAGE	436 V
14. EFFICIENCY AT 100% RATED LOAD	56 %
15. POWER FACTOR AT 100% RATED LOAD	46.5 %
16. STARTING TORQUE	0.42 KG.M
17. SITE ALTITUDE(UNDER)	1000 M
18. ENCLOSURE & COOLING METHOD	T E N V
19. TYPE OF BEARING	PL : 6202zz OPL : 6204zz
20. MOUNTING	H O R I Z O N T A L
21. MAXIMUM AMBIENT TEMPERATURE	40 °C
22. BEARING LUBRICATION	G R E A S E
23. STARTING METHOD	F U L L V O L T A G E



INVOICE NO. 2010 - 10 - 256 / PW10061

DATE 26. Oct, 2010

MILL TEST CERTIFICATE

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

OF KSD 3514 - 2002 (B Grade)

TO MESSRS KISWIRE LTD

MATERIAL DESCRIPTION UNGALVANIZED STEEL WIRE ROPE

06 x 36(WS) + PP 1,000.00 M x 10 REEL

TYPE KSD 3514-1997

EX NO. PW10105-8

ORDER NO. SMW1010-6/SAMJIN REEL NO. 41 - 50 SAMPLING NO. 41

DIAMETER OF ROPE 08.00 mm TYPE OF CORE POLYPROPYLENE

SPECIFIED NOMINAL

BREAKING STRENGTH 37.90 kN SAMPLE BROKE AT 42.96 kN

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

ROPE LAY RHRL LAY LENGTH 85.15 mm

LUBRICATION A-3

CHEMICAL ANALYSIS OF WIRE ROD

CHARGE NO.	C X 100	Si X 100	Mn X 100	P X 1000	S X 1000
SA21063591	72	21	57	8	12



DATE OF SAMPLE TEST 21. Oct, 2010

QA. MANAGER
KISWIRE

안전보건공단

KOREA OCCUPATIONAL SAFETY & HEALTH AGENCY