



제2019 - 2086979 호

안 전 인 증 서

(사업장명) 극동호이스트(주)

(소 재 지) (15423)경기도 안산시 단원구 해봉로 119

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 호이스트 (국내품)

형식,모델(용량,등급)/인증번호

KDC2.8-DL (2.8Ton) / 19-AE2AC-21129

인 증 기 준

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

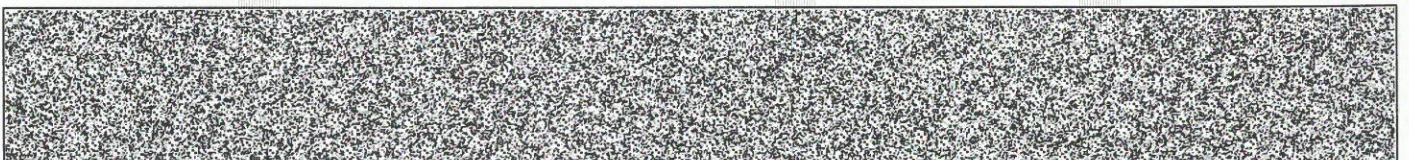
인 증 조 건

인증유효기간 : 해당없음

설치장소 : 옥외

2019년 09월 04일

한국산업안전보건공단 이사장





심사결과 통지서

신청인	사업장명	극동호이스트(주)	사업장관리번호	134-81-013350
	사업자등록번호	134-81-01335	대표자 성명	최성찬
	소재지	(154 - 23) 경기 안산 단원구 해동로 119 (성곡동 630-2)		

안전인증대상 기계·기구명		호이스트	
형 식 (규 격)	KDC2.8-DL	용 량 (등 급)	2.8 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.

2016년 05월 25일

인증심사원

김홍태

김홍태
(서명 또는 인)

한국산업안전보건공단 중부지역본부장



서 면 심 사 서 류

형식 번호 : KDC2.8-DL

극 동 호 이 스톱 (주)



工場 : 경기도 안산시 단원구 해봉로 119 (성곡동)

電話 : 031) 491 - 5311

FAS : 031) 494 - 5315

안전보건공단

동 일 형 식 일 램 표

사업장명		극동호이스트(주)	개정일자 및 번호		인증번호	
형식 및 모델			동일 형식 인정범위 및 내역			
형식	모델		권상속도(m/min)	횡행속도(m/min)	양정(m)	횡행방식
KDC2.8-DL	KDC2.8-L6-DL		고속 : 9(m/min)	고속: 24(m/min)	6	모터구동식
	KDC2.8-L9-DL			저속: 16(m/min)	9	
	KDC2.8-L12-DL		CREEP : 0.9(m/min)	듀얼고속:24/12(m/min) 듀얼저속:16/8(m/min)	12	
			비 고			



방호장치의 성능검사 합격증 사본



제 2012-BJ-0009 호



안 전 인 증 서

정호엔지니어링

경기도 광명시 노동사동 440-5

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

품 목

양중기용 과부하방지장치

형식·모델/용량·등급/인증번호

형식·모델
JDL-100

용량·등급
J-2

인증번호
12-AV2BJ-0009

인 증 기 준

방호장치 의무안전인증 고시(고용노동부고시 제2010-36호)

인 증 조 건

아래 주소에서 생산되는 제품에 한함.

정호엔지니어링, 경기도 광명시 노동사동 440-5

2012년 06월 11일

한국산업안전보건공단 이사장



제 2012-BJ-0008 호



안 전 인 증 서

정호엔지니어링

경기도 광명시 노동사동 440-5

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

품 목

양중기용 과부하방지장치

형식·모델/용량·등급/인증번호

형식·모델

용량·등급

인증번호

JDLS-70

J-2

12-AV2BJ-0008

인 증 기 준

방호장치 의무안전인증 고시(고용노동부고시 제2010-36호)

인 증 조 건

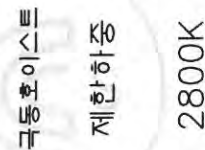
아래 주소에서 생산되는 제품에 한함.

정호엔지니어링, 경기도 광명시 노동사동 440-5

2012년 06월 11일

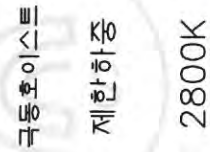
한국산업안전보건공단 이사장





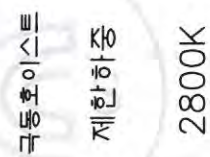
VIEW A

4	UPPER LIMIT S/W	SS400		1					
3	SAFETY LATCH	SS400		1					
2	EMERGENCY S/W	—		1					
1	LOAD LIMITER	—		1					
NO.	DESCRIPTION	MT'L	SUB	TOTAL	SUB	TOTAL	WEIGHT(kg)	REMARKS.	
			QTY						
PROJECT						DATE	DIM		
							mm		
TITLE	KD 2.8 DL (6M)				SCALE		PROJECTION		
	ARRANGEMENT DRAWING FOR HOIST				A3/15		3rd		
DRAWN	DESIGNED	CHECKED	APPROVED			REF. DRAWING			
구동호이스트 주식회사 KUK DONG HOIST CO., LTD.				SHEET No.		DWG No.		KDC28DL600	
									



VIEW A

[illegible]

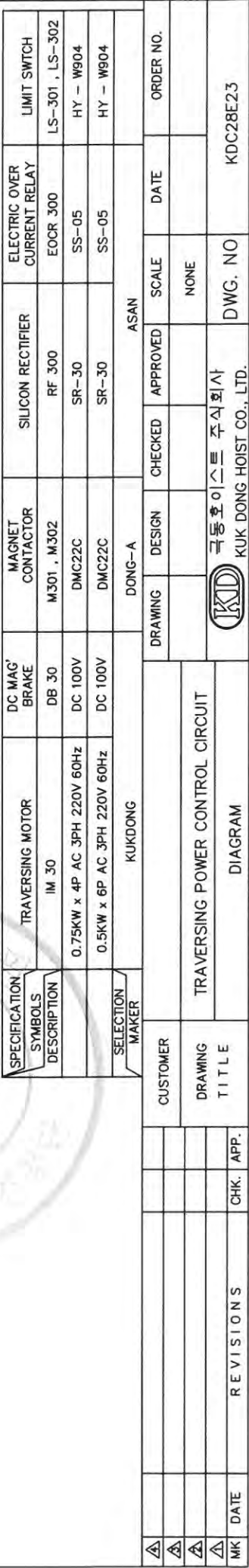


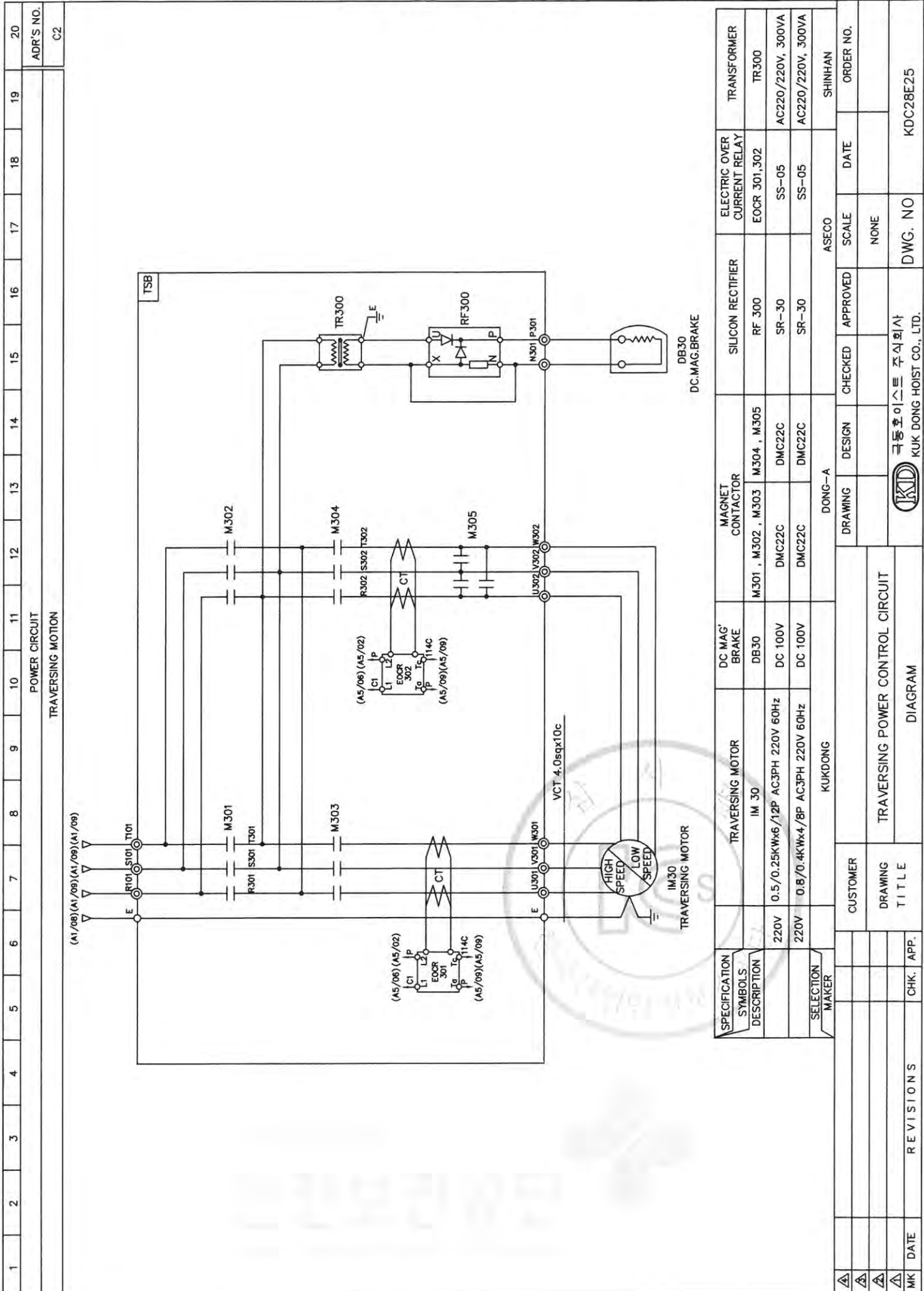
VIEW A

4	UPPER LIMIT S/W	SS400	1				
3	SAFETY LATCH	SS400	1				
2	EMERGENCY S/W	—	1				
1	LOAD LIMITER	—	1				
NO.	DESCRIPTION	MT'L	QTY		WEIGHT(kg)	REMARKS.	
			SUB	TOTAL			
PROJECT	TITLE	KD 2.8 DL (12M)			DATE	DIM	
						mm	
DRAWN	DESIGNED	CHECKED	APPROVED		SCALE	PROJECTION	
					A3/15	3rd	
					REF. DRAWING		
 국동호이스트 주식회사 KUK DONG HOIST CO., LTD.					SHEET No.	DWG No.	KDC28DL1200



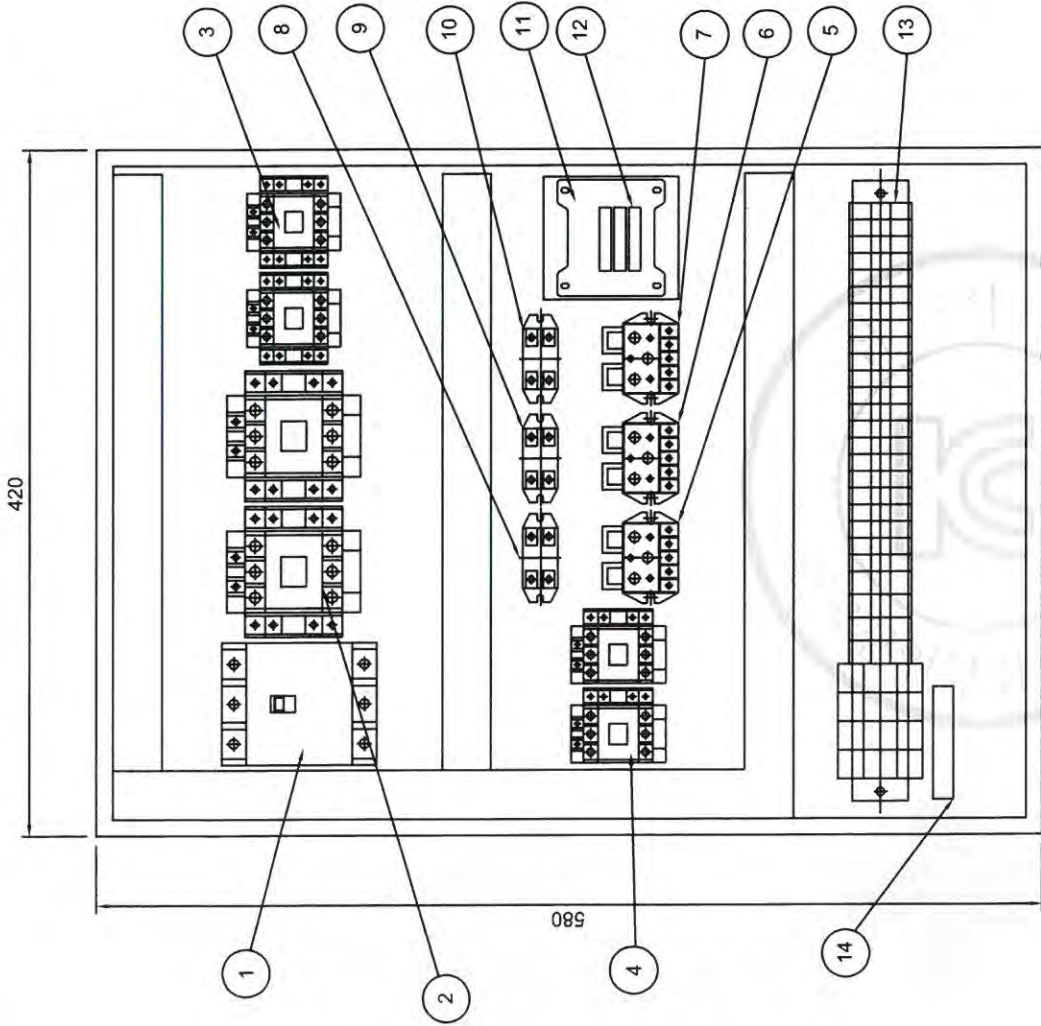
SPECIFICATION SYMBOLS	HOISTING POWER	HOISTING MOTOR	CREEP MOTOR	DC MAG. BRAKE	NO FUSE BREAKER	TRANSFORMER	FUSE		MAGNET CONTACTOR	UPPER LIMIT	ELECTRIC OVER CURRENT RELAY	SILICON RECTIFIER	LOAD LIMITER	CABLE	
	HOIST	IM 10	IM 11	DB10, 11	MCCB100	TR 1	F11, F12	F13	M101, M102	LS-I, LS-II	EOCR100	RF100	LOAD LIMITER	C20-01	
SELECTION MAKER	2.8TON AC3PH 220V 60Hz	5.0KWx4P	1.5KWx4P	DC 100V	ABS-53AF / 40A	220/110V, 120V, 100VA	2A	3A	DMC65C	AC 600V 75A	SS-30	SR-60	JDL-100	VFCT 6sqx4c	
	KUKDONG														
DATE	REVISIONS	CHK.	APP.	CUSTOMER											
				DRAWING TITLE	CREEP HOISTING POWER & CONTROL										
MK	CIRCUIT DIAGRAM				 KUKDONG HOIST CO., LTD.										
									DRAWING	DESIGN	CHECKED	APPROVED	SCALE	DATE	ORDER NO.
														NONE	
					</										





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



NOTE

1. UPPER LIMIT LS-1,LS-2의 접점 허용 전류 용량 : AC 600V, 75A
2. POWER SOURCE : AC 3 ϕ 380V 60Hz
3. EARTH TERMINAL RESISTANCE 0.018 Ω



- NOTE 1. 전선의 색상은 다음과 같다.
- 1) 흑색 : 교류 및 직류 전원선
 - 2) 적색 : 교류 제어회로
 - 3) 주황색 : 외부에서 공급되는 연동장치 제어회로
 - 4) 녹색 또는 녹색과 황색 혼용 : 접지선
2. CABLE MATERIAL : KIV OR EQUIVALENT MIN SIZE : 2.5sq
3. 제어용 전선 : 2.5mm KIV,HIV
 4. 제어시 다소 변경 될수있음.
 5. 외함 개방후 충전부분이 차단되도록 함.
 - 1) 외함 개방시 충전부분이 차단되도록 함.
 - 2) 외함 개방후 충전되어있는 부분은 IP2X 이상의 직접 접촉 방호가 되어있을것.

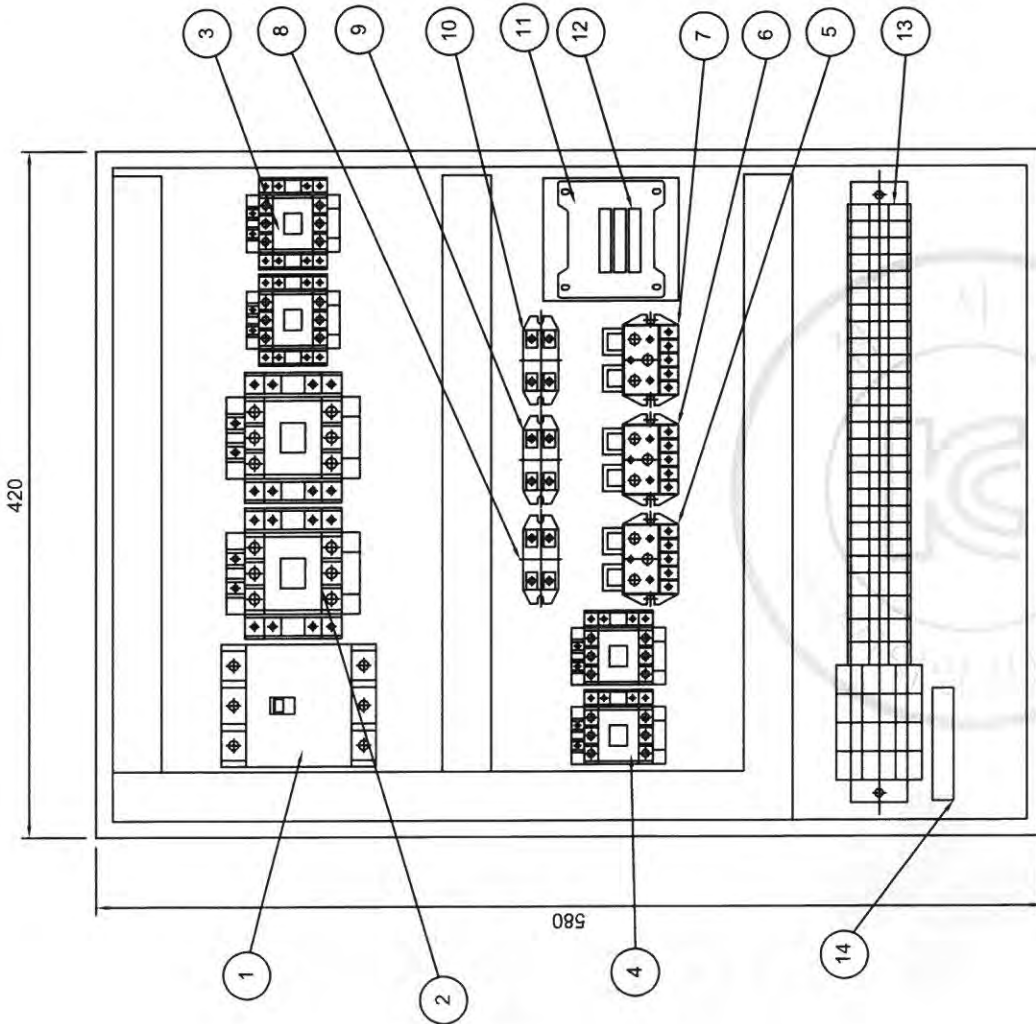
NO	SYMBOL	DESCRIPTION	SPECIFICATION	Q'TY	REMARK
1	MCCB100	NO FUSE BREAKER	33AF /20AT	1	HOISTING
2	M101,102	MAG. CONTACTOR	DMC40C	2	HOISTING
3	M111,112	MAG. CONTACTOR	DMC22C	2	CREEP HOIST
4	M301,302	MAG. CONTACTOR	DMC22C	2	TRAVERSING
5	EOCR100	ELECTRONIC OVER CURRENT RELAY	SS-30	1	HOISTING
6	EOCR110	ELECTRONIC OVER CURRENT RELAY	SS-05	1	CREEP HOIST
7	EOCR300	ELECTRONIC OVER CURRENT RELAY	SS-05	1	TRAVERSING
8	RF100	SILICON RECTIFIER	SR-60	1	HOISTING
9	RF110	SILICON RECTIFIER	SR-30	1	CREEP HOIST
10	RF300	SILICON RECTIFIER	SR-30	1	TRAVERSING
11	TR1	TRANSFORMER	380V/110V,120V 100VA	1	
12	F11,12,(13)	FUSE	1A . (3A)	2(1)	
13		TERMINAL BLOCK	35A,15A	1	
14		EARTH TERMINAL	3tx20x50	1	

DRAWING		DESIGN	CHECKED	APPROVED	SCALE	DATE	ORDER NO.
HOIST CONTROL BOX					NONE		
ARRANGEMENT DRAWING					DWG. NO		KD3BA31
KUK DONG HOIST CO., LTD.							
MK	DATE	REVISIONS	CHK.	APP.			

SPECIFICATION SYMBOLS	HOISTING POWER	HOISTING MOTOR	CREEP MOTOR	DC MAG. BRAKE	NO FUSE BREAKER	TRANSFORMER	FUSE		MAGNET CONTACTOR	UPPER LIMIT	ELECTRIC OVER CURRENT RELAY	SILICON RECTIFIER	LOAD LIMITER	CABLE			
							F11,F12	F13									
DESCRIPTION	HOIST	IM 10	IM 11	DB10, 11	MCCB100	TR 1	F11,F12	F13	M101,M102	M111,M112	LS-I, LS-II	EOCR100	EOCR110	RF100	RF110	C20-01	
							1A	3A	DMC40C	DMC22C	AC 600V 75A	SS-30	SS-05	SR-60	SR-30	JDL-100	VFCT 4.0sqx4c
SELECTION	2.8TON AC 3PH 380V 60Hz	5.0KW x 4P	1.5KWx4P	DC 100V	ABE-33AF/20A	380V/110V, 120V, 100VA	-		DONG-A		KUKDONG		ASAN		JUNGHO	DONGIL	
MAKER	KUKDONG		LS		SHINHAN		-		DONG-A		KUKDONG		ASAN		JUNGHO	DONGIL	
				CUSTOMER												DATE	ORDER NO.
				DRAWING	CREEP HOISTING POWER CONTROL CIRCUIT												
					TITLE												
	REVISIONS	CHK.	APP.	DIAGRAM												DWG. NO	KDC28E32
																KUK DONG HOIST CO., LTD.	

[illegible]

[illegible]



NO	SYMBOL	DESCRIPTION	SPECIFICATION	Q'TY	REMARK
1	MCCB100	NO FUSE BREAKER	33AF/20AT	1	HOISTING
2	M101,102	MAG. CONTACTOR	DMC40C	2	HOISTING
3	M111,112	MAG. CONTACTOR	DMC22C	2	CREEP HOIST
4	M301,302	MAG. CONTACTOR	DMC22C	2	TRAVERSING
5	EOCR100	ELECTRONIC OVER CURRENT RELAY	SS-30	1	HOISTING
6	EOCR110	ELECTRONIC OVER CURRENT RELAY	SS-05	1	CREEP HOIST
7	EOCR300	ELECTRONIC OVER CURRENT RELAY	SS-05	1	TRAVERSING
8	RF100	SILICON RECTIFIER	SR-60	1	HOISTING
9	RF110	SILICON RECTIFIER	SR-30	1	CREEP HOIST
10	RF300	SILICON RECTIFIER	SR-30	1	TRAVERSING
11	TR1	TRANSFORMER	440V/110V,120V 100VA	1	
12	F11,12,(13)	FUSE	1A , (3A)	2(1)	
13		TERMINAL BLOCK	35A,15A	1	
14		EARTH TERMINAL	3t×20×50	1	

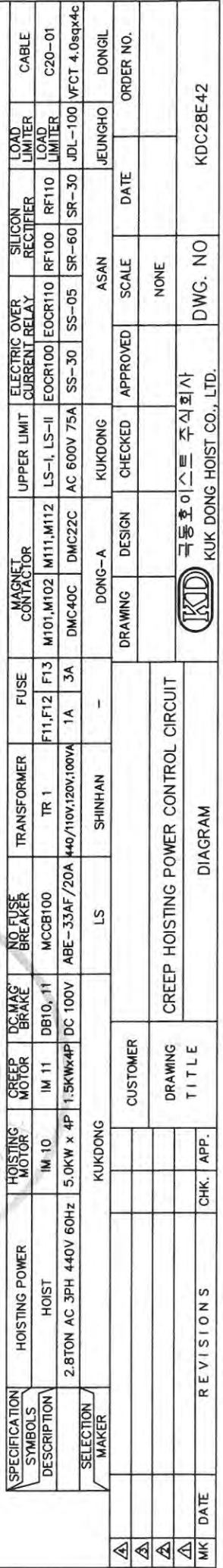
NOTE 1. 전선의 색상은 다음과 같다.

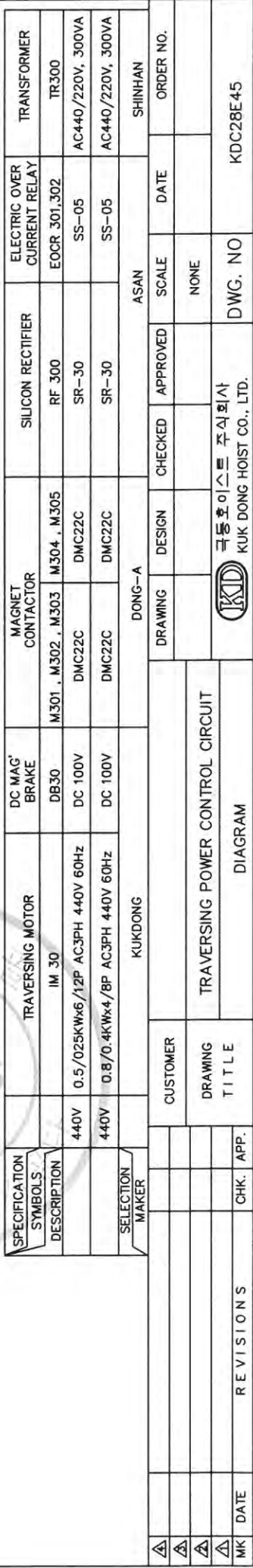
- 1) 흑색 : 고무 및 직류 전원선로
 - 2) 적색 : 교류제어회로
 - 3) 주황색 : 외부에서 공급되는 연동장치 제어회로
 - 4) 녹색 또는 녹색과 황색 혼용 : 접지선
3. CABLE MATERIAL : KIV OR EQUIVALENT
MIN SIZE : 2.5sq
4. 제어용 전선 : 2.5mm KIV,HIV
 5. 제자시 다소 변경 될수있음.
 6. 외함 개방구조는 다음과 같음.
- 1) 외함 개방시 충전부분이 차단되도록 함.

NOTE

1. UPPER LIMIT LS-1,LS-2의 접점 허용 전류 용량 : AC 600V, 75A
2. POWER SOURCE : AC 3 ϕ 440V 60Hz
3. EARTH TERMINAL RESISTANCE 0.018 Ω

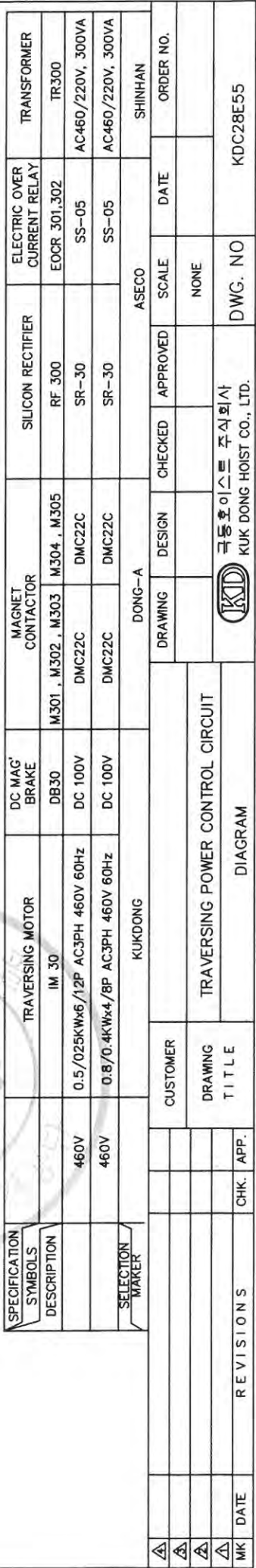
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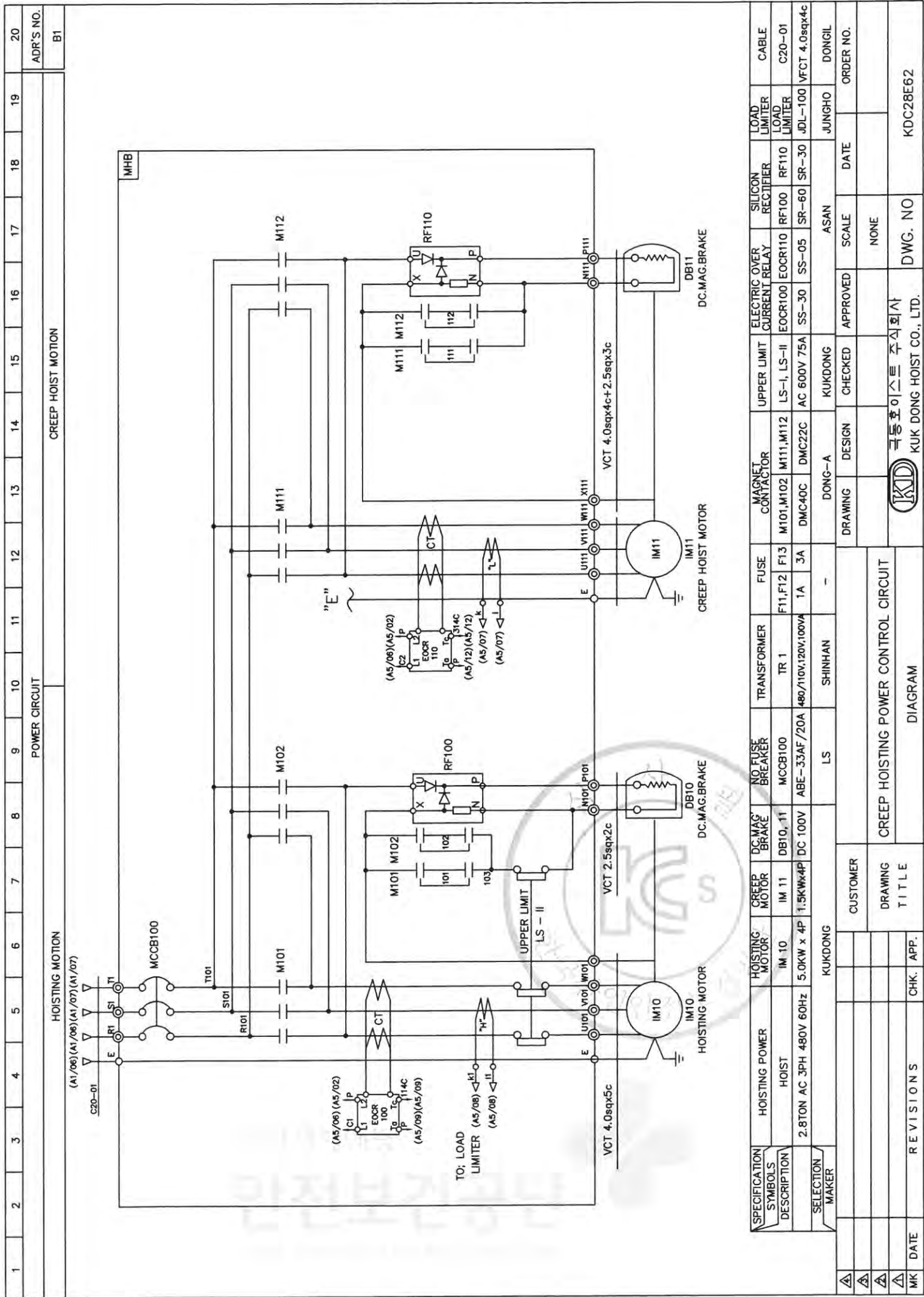




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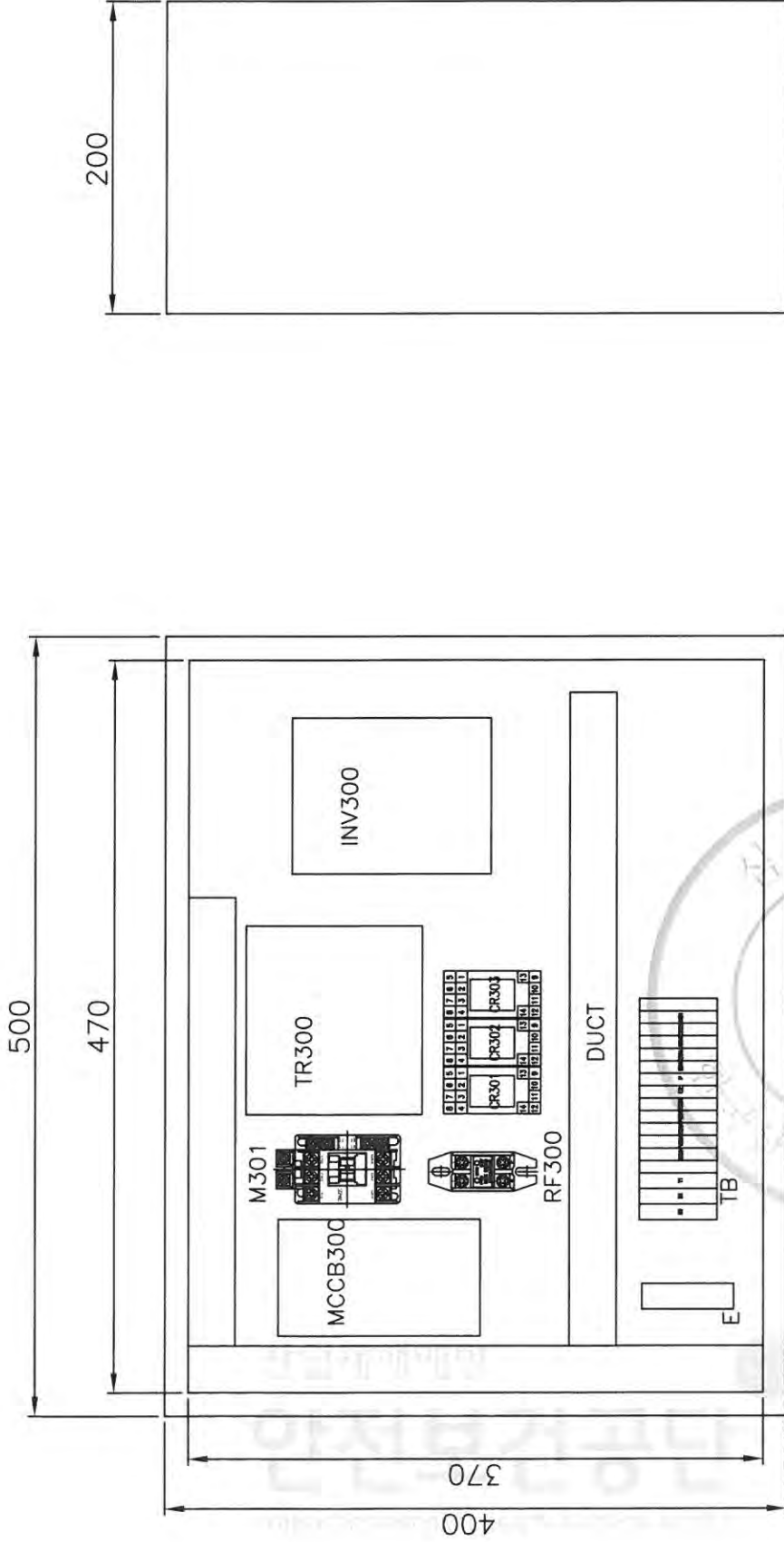




[illegible]

SPECIFICATION SYMBOLS			TRAVERSING MOTOR	DC MAG. BRAKE	MAGNET CONTACTOR	SILICON RECTIFIER	ELECTRIC OVER CURRENT RELAY	TRANSFORMER
	DESCRIPTION							
	480V	0.5/0.25KWx6/12P AC3PH 480V 60Hz	IM 30	DB30	M301, M302, M303 M304, M305	RF 300	EOCR 301,302	TR300
	480V	0.8/0.4KWx4/8P AC3PH 480V 60Hz		DC 100V	DMC22C	SR-30	SS-05	AC480/220V, 300VA
SELECTION MAKER			KUKDONG	DC 100V	DMC22C	SR-30	SS-05	AC480/220V, 300VA
			KUKDONG		DONG-A		ASECO	
			CUSTOMER		DRAWING	DESIGN	CHECKED	APPROVED
			DRAWING TITLE		SCALE			
			TRAVERSING POWER CONTROL CIRCUIT		DATE			
			DIAGRAM		NONE			
REVISIONS			CHK.	APP.	DWG. NO			
DATE					KDC28E65			

불법복제 및 배포금지



R1	S1	T1		U30	V30	W30	X30	Y30	Z30	AA30	AB30	AC30	AD30	AE30	AF30	AG30	AH30	AI30	AJ30	AK30	AL30	AM30	AN30	AO30	AP30	AQ30	AR30	AS30	AT30	AU30	AV30	AW30	AX30	AY30	AZ30	BA30	BB30	BC30	BD30	BE30	BF30	BG30	BH30	BI30	BJ30	BK30	BL30	BM30	BN30	BO30	BP30	BQ30	BR30	BS30	BT30	BU30	BV30	BW30	BX30	BY30	BZ30	CA30	CB30	CC30	CD30	CE30	CF30	CG30	CH30	CI30	CJ30	CK30	CL30	CM30	CN30	CO30	CP30	CQ30	CR30	CS30	CT30	CU30	CV30	CW30	CX30	CY30	CZ30	DA30	DB30	DC30	DD30	DE30	DF30	DG30	DH30	DI30	DJ30	DK30	DL30	DM30	DN30	DO30	DP30	DQ30	DR30	DS30	DT30	DU30	DV30	DW30	DX30	DY30	DZ30	EA30	EB30	EC30	ED30	EE30	EF30	EG30	EH30	EI30	EJ30	EK30	EL30	EM30	EN30	EO30	EP30	EQ30	ER30	ES30	ET30	EU30	EV30	EW30	EX30	EY30	EZ30	FA30	FB30	FC30	FD30	FE30	FF30	FG30	FH30	FI30	FJ30	FK30	FL30	FM30	FN30	FO30	FP30	FQ30	FR30	FS30	FT30	FU30	FV30	FW30	FX30	FY30	FZ30	GA30	GB30	GC30	GD30	GE30	GF30	GG30	GH30	GI30	GJ30	GK30	GL30	GM30	GN30	GO30	GP30	GQ30	GR30	GS30	GT30	GU30	GV30	GW30	GX30	GY30	GZ30	HA30	HB30	HC30	HD30	HE30	HF30	HG30	HH30	HI30	HJ30	HK30	HL30	HM30	HN30	HO30	HP30	HQ30	HR30	HS30	HT30	HU30	HV30	HW30	HX30	HY30	HZ30	IA30	IB30	IC30	ID30	IE30	IF30	IG30	IH30	II30	IJ30	IK30	IL30	IM30	IN30	IO30	IP30	IQ30	IR30	IS30	IT30	IU30	IV30	IW30	IX30	IY30	IZ30	JA30	JB30	JC30	JD30	JE30	JF30	JG30	JH30	JI30	IJ30	JK30	KL30	JM30	JN30	JO30	JP30	JQ30	JR30	JS30	JT30	JU30	JV30	JW30	JX30	JY30	JZ30	KA30	KB30	KC30	KD30	KE30	KF30	KG30	KH30	KI30	KJ30	KK30	KL30	KM30	KN30	KO30	KP30	KQ30	KR30	KS30	KT30	KU30	KV30	KW30	KX30	KY30	KZ30	LA30	LB30	LC30	LD30	LE30	LF30	LG30	LH30	LI30	LJ30	LK30	LL30	LM30	LN30	LO30	LP30	LQ30	LR30	LS30	LT30	LU30	LV30	LW30	LX30	LY30	LZ30	MA30	MB30	MC30	MD30	ME30	MF30	MG30	MH30	MI30	MJ30	MK30	ML30	MM30	MN30	MO30	MP30	MQ30	MR30	MS30	MT30	MU30	MV30	MW30	MX30	MY30	MZ30	NA30	NB30	NC30	ND30	NE30	NF30	NG30	NH30	NI30	NJ30	NK30	NL30	NM30	NN30	NO30	NP30	NQ30	NR30	NS30	NT30	NU30	NV30	NW30	NX30	NY30	NZ30	OA30	OB30	OC30	OD30	OE30	OF30	OG30	OH30	OI30	OJ30	OK30	OL30	OM30	ON30	OO30	OP30	OQ30	OR30	OS30	OT30	OU30	OV30	OW30	OX30	OY30	OZ30	PA30	PB30	PC30	PD30	PE30	PF30	PG30	PH30	PI30	PJ30	PK30	PL30	PM30	PN30	PO30	PP30	PQ30	PR30	PS30	PT30	PU30	PV30	PW30	PX30	PY30	PZ30	QA30	QB30	QC30	QD30	QE30	QF30	QG30	QH30	QI30	QJ30	QK30	QL30	QM30	QN30	QO30	QP30	QQ30	QR30	QS30	QT30	QU30	QV30	QW30	QX30	QY30	QZ30	RA30	RB30	RC30	RD30	RE30	RF30	RG30	RH30	RI30	RJ30	RK30	RL30	RM30	RN30	RO30	RP30	RQ30	RR30	RS30	RT30	RU30	RV30	RW30	RX30	RY30	RZ30	SA30	SB30	SC30	SD30	SE30	SF30	SG30	SH30	SI30	SJ30	SK30	SL30	SM30	SN30	SO30	SP30	SQ30	SR30	SS30	ST30	SU30	SV30	SW30	SX30	SY30	SZ30	TA30	TB30	TC30	TD30	TE30	TF30	TG30	TH30	TI30	TJ30	TK30	TL30	TM30	TN30	TO30	TP30	TQ30	TR30	TS30	TT30	TU30	TV30	TW30	TX30	TY30	TZ30	UA30	UB30	UC30	UD30	UE30	UF30	UG30	UH30	UI30	UJ30	UK30	UL30	UM30	UN30	UO30	UP30	UQ30	UR30	US30	UT30	UU30	UV30	UW30	UX30	UY30	UZ30	VA30	VB30	VC30	VD30	VE30	VF30	VG30	VH30	VI30	VJ30	VK30	VL30	VM30	VN30	VO30	VP30	VQ30	VR30	VS30	VT30	VU30	VV30	VW30	VX30	VY30	VZ30	WA30	WB30	WC30	WD30	WE30	WF30	WG30	WH30	WI30	WJ30	WK30	WL30	WM30	WN30	WO30	WP30	WQ30	WR30	WS30	WT30	WU30	WV30	WW30	WX30	WY30	WZ30	XA30	XB30	XC30	XD30	XE30	XF30	XG30	XH30	XI30	XJ30	XK30	XL30	XM30	XN30	XO30	XP30	XQ30	XR30	XS30	XT30	XU30	XV30	XW30	XX30	XY30	XZ30	YA30	YB30	YC30	YD30	YE30	YF30	YG30	YH30	YI30	YJ30	YK30	YL30	YM30	YN30	YO30	YP30	YQ30	YR30	YS30	YT30	YU30	YV30	YW30	YX30	YZ30	ZA30	ZB30	ZC30	ZD30	ZE30	ZF30	ZG30	ZH30	ZI30	ZJ30	ZK30	ZL30	ZM30	ZN30	ZO30	ZP30	ZQ30	ZR30	ZS30	ZT30	ZU30	ZV30	ZW30	ZX30	ZY30	ZZ30
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2	속 판	SS400		1				
1	T/S BOX	PUR		1				
NO.	DESCRIPTION	MTL	SUB QTY	TOTAL	SUB WEIGHT(kg)	REMARKS.		
PROJECT			DATE			DIM		
TITLE			T/S CONTROL PANEL(INVERTER)			SCALE PROJECTION		
DRAWN	DESIGNED	CHECKED	APPROVED	REF. DRAWING				
								
국동호이스트 주식회사				SHEET No.		DWG No.		
KUK DONG HOIST CO., LTD.						KDO28E1001		

POWER CIRCUIT DIAGRAM

TRAVERSING MOTION

SPECIFICATION SYMBOLS	TRAVERSING POWER	TRAVERSING MOTOR	DC MAG. BRAKE	NO FUSE BREAKER	TRANSFORMER	BRAKE MAGNET	CONTROL RELAY	INVERTER	SILICON RECTIFIER
		IM 30	DB30	MCCB300	TR 300	M301	CR301, CR302, CR303	INV300	RF300
	AC 3PH 220V 60Hz	0.5KW x 6P	DC 100V	DBE-33AF/10AT	220/220V, 200VA	DM-22C	MINI 4a4b(Coil AC110V)	SV015IG5A-2	SR-30
	AC 3PH 380(440,460,480)V 60Hz	0.5KW x 6P	DC 100V	DBE-33AF/5AT	380(440,460,480)/220V, 200VA	DM-22C	MINI 4a4b(Coil AC110V)	SV015IG5A-4	SR-30
SELECTION MAKER	KUK DONG HOIST							LS	ASAN

CUSTOMER

DRAWING TITLE

REVISIONS

DATE

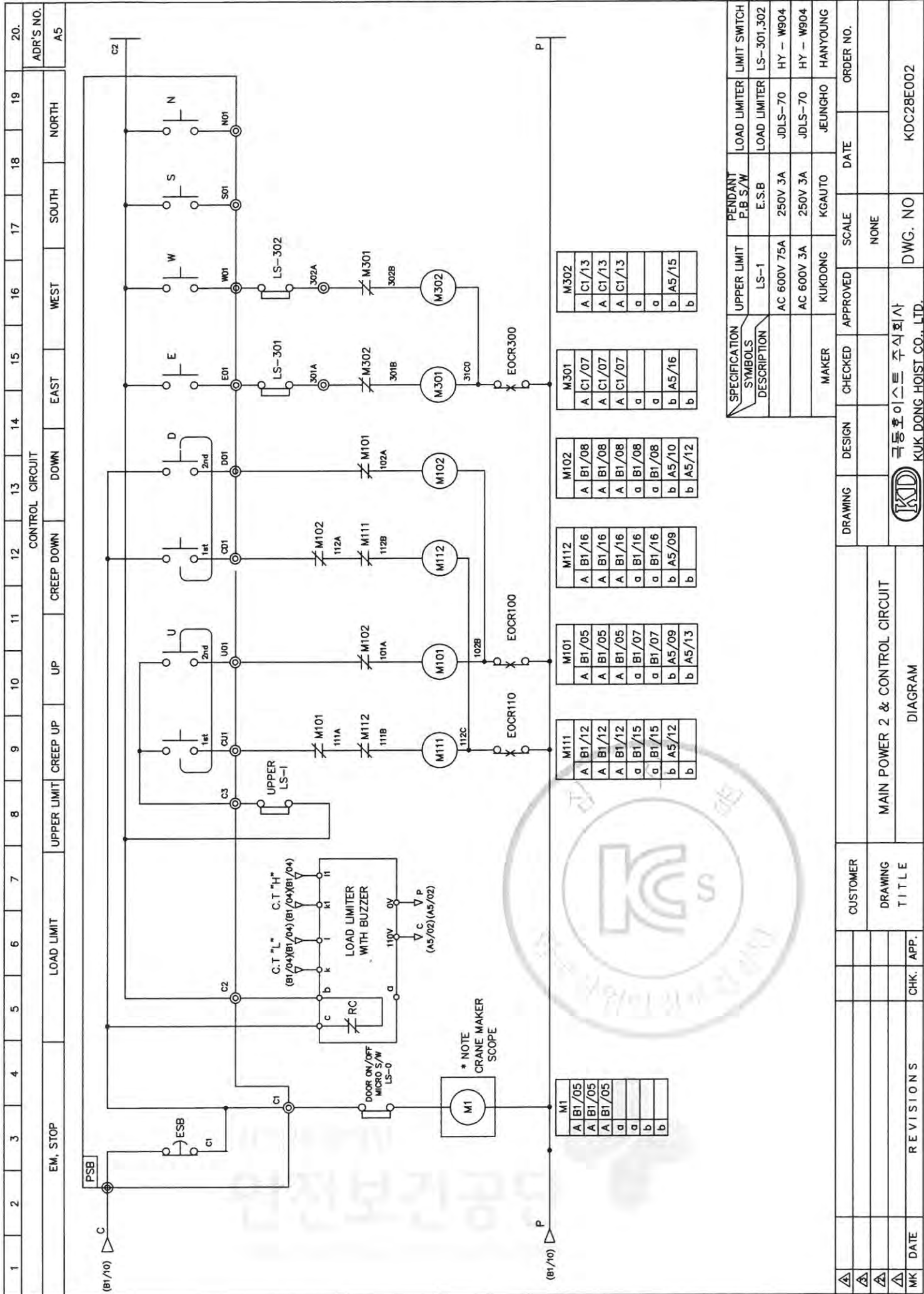
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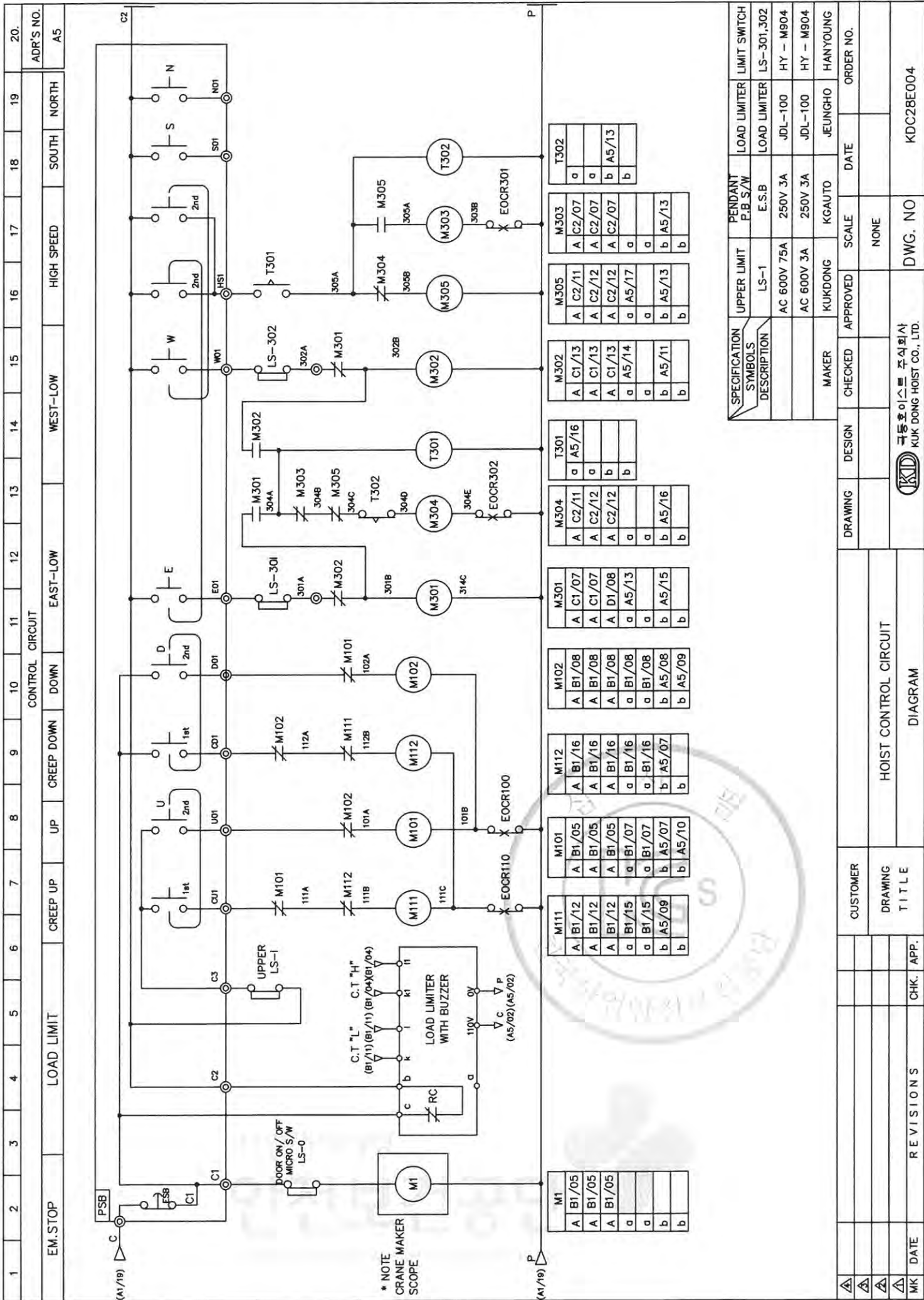
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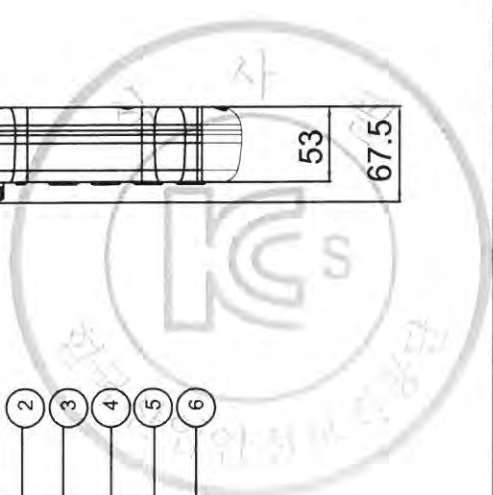
DWG. NO.

ORDER NO.

[illegible]







NO	SYMBOL	TYPE	SPEC.	COLOR
1	E.B.S	PUSH LOCK TURN RESET TYPE	250VAC x 6A	RED
2	SPARE			BLACK
3	상	1 BUTTON 2STEP		
4	하	1 BUTTON 2STEP		
5	동(전)	1 BUTTON 1STEP(2STEP)		
6	서(후)	1 BUTTON 1STEP(2STEP)		
7	보조 와이어	ø 2.0		

[illegible]

구분	조각머핀	표시등
적색	비상	비상
황색	비정상	비정상
녹색	정상	정상
청색	이무	이무
흰색, 회색, 회색, 회색	지정된미없음	거대

* MATERIAL : POLYCARBOBATE(PLASTIC)

* BODY COLOR: YELLOW, BLACK

* IP: 55.01상

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

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

THREE PHASE INDUCTION MOTOR DATA SHEET

SCHEDULE OF TECHNICAL DATA

1. SERVICE	HOISTING
2. MANUFACTURE	극동 호이스트 (주)
3. FRAME NUMBER	132 S
4. RATED POWER	5.0 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	1750 RPM
11. FULL LOAD CURRENT	23.0 A
12. LOCKED ROTOR CURRENT	136.6 A
13. MINIMUM STARTING VOLTAGE	200 V
14. EFFICIENCY AT 100% RATED LOAD	81.0 %
15. POWER FACTOR AT 100% RATED LOAD	77.0 %
16. FULL LOAD TORQUE	8.31 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	HOISTING
2. MANUFACTURE	극동 호이스트 (주)
3. FRAME NUMBER	132 S
4. RATED POWER	5.0 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	1750 RPM
11. FULL LOAD CURRENT	12.2 A
12. LOCKED ROTOR CURRENT	72.9 A
13. MINIMUM STARTING VOLTAGE	345 V
14. EFFICIENCY AT 100% RATED LOAD	81.0 %
15. POWER FACTOR AT 100% RATED LOAD	77.0 %
16. FULL LOAD TORQUE	8.31 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	HOISTING
2. MANUFACTURE	극동 호이스트 (주)
3. FRAME NUMBER	132 S
4. RATED POWER	5.0 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	1750 RPM
11. FULL LOAD CURRENT	10.5 A
12. LOCKED ROTOR CURRENT	63.0 A
13. MINIMUM STARTING VOLTAGE	400 V
14. EFFICIENCY AT 100% RATED LOAD	81.0 %
15. POWER FACTOR AT 100% RATED LOAD	77.0 %
16. FULL LOAD TORQUE	8.31 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	HOISTING
2. MANUFACTURE	극동 호이스트 (주)
3. FRAME NUMBER	132 S
4. RATED POWER	5.0 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	1750 RPM
11. FULL LOAD CURRENT	10.0 A
12. LOCKED ROTOR CURRENT	60.0 A
13. MINIMUM STARTING VOLTAGE	418 V
14. EFFICIENCY AT 100% RATED LOAD	81.0 %
15. POWER FACTOR AT 100% RATED LOAD	77.0 %
16. FULL LOAD TORQUE	8.31 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	HOISTING
2. MANUFACTURE	극동 호이스트 (주)
3. FRAME NUMBER	132 S
4. RATED POWER	5.0 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	1750 RPM
11. FULL LOAD CURRENT	9.6 A
12. LOCKED ROTOR CURRENT	57.5 A
13. MINIMUM STARTING VOLTAGE	436 V
14. EFFICIENCY AT 100% RATED LOAD	81.0 %
15. POWER FACTOR AT 100% RATED LOAD	77.0 %
16. FULL LOAD TORQUE	8.31 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	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 TEMPERATURE RISE(BY RESISTANCE)	80 °C
10. FULL LOAD SPEED	1690 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	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	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 TEMPERATURE RISE(BY RESISTANCE)	80 °C
10. FULL LOAD SPEED	1690 RPM
11. FULL LOAD CURRENT	4.2 A
12. STARTING CURRENT AT RATED VOLTAGE	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. 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	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	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 TEMPERATURE RISE(BY RESISTANCE)	80 °C
10. FULL LOAD SPEED	1690 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	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	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 TEMPERATURE RISE(BY RESISTANCE)	80 °C
10. FULL LOAD SPEED	1690 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 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	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 TEMPERATURE RISE(BY RESISTANCE)	80 °C
10. FULL LOAD SPEED	1690 RPM
11. FULL LOAD CURRENT	3.4A
12. STARTING CURRENT AT RATED VOLTAGE	20.0 A
13. MINIMUM STARTING VOLTAGE	436 V
14. EFFICIENCY AT 100% RATED LOAD	73.0 %
15. POWER FACTOR AT 100% RATED LOAD	75.0 %
16. STARTING TORQUE	1.72 KG.M
17. SITE ALTITUDE(UNDER)	1000 M
18. ENCLOSURE & COOLING METHOD	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	극동 호이스트 (주)
3. FRAME NUMBER	90 S
4. RATED POWER	0.75 KW x 4 P
5. RATED VOLTAGE AND FREQUENCY	220 V 60 Hz
6. MOTOR TYPE	SQUIRREL CAGE ROTOR TYPE
7. SERVICE FACTOR AND RATting	1.0 , 30 MIN
8. LOCATION AND INSULATION CLASS	INDOOR, OUTDOOR, B CLASS
9. DESIGN TEMPERATURE RISE(BY RESISTANCE)	80 °C
10. FULL LOAD SPEED	1760 RPM
11. FULL LOAD CURRENT	4.1 A
12. STARTING CURRENT AT RATED VOLTAGE	22.1 A
13. MINIMUM STARTING VOLTAGE	200 V
14. EFFICIENCY AT 100% RATED LOAD	66.0 %
15. POWER FACTOR AT 100% RATED LOAD	73.5 %
16. STARTING TORQUE	1.02 KG.M
17. SITE ALTITUDE(UNDER)	1000 M
18. ENCLOSURE & COOLING METHOD	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	극동 테크 (주)
3. FRAME NUMBER	90 S
4. RATED POWER	0.75 KW x 4 P
5. RATED VOLTAGE AND FREQUENCY	380 V 60 Hz
6. MOTOR TYPE	SQUIRREL CAGE ROTOR TYPE
7. SERVICE FACTOR AND RATting	1.0 , 30 MIN
8. LOCATION AND INSULATION CLASS	INDOOR, OUTDOOR, B CLASS
9. DESIGN TEMPERATURE RISE(BY RESISTANCE)	80 °C
10. FULL LOAD SPEED	1760 RPM
11. FULL LOAD CURRENT	2.4 A
12. STARTING CURRENT AT RATED VOLTAGE	13.5 A
13. MINIMUM STARTING VOLTAGE	345 V
14. EFFICIENCY AT 100% RATED LOAD	67.0 %
15. POWER FACTOR AT 100% RATED LOAD	69.5 %
16. STARTING TORQUE	0.85 KG.M
17. SITE ALTITUDE(UNDER)	1000 M
18. ENCLOSURE & COOLING METHOD	T E F C
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	극동 호이스트 (주)
3. FRAME NUMBER	90 S
4. RATED POWER	0.75 KW x 4 P
5. RATED VOLTAGE AND FREQUENCY	440 V 60 Hz
6. MOTOR TYPE	SQUIRREL CAGE ROTOR TYPE
7. SERVICE FACTOR AND RATting	1 . 0 , 30 MIN
8. LOCATION AND INSULATION CLASS	INDOOR, OUTDOOR, B CLASS
9. DESIGN TEMPERATURE RISE(BY RESISTANCE)	80 °C
10. FULL LOAD SPEED	1760 RPM
11. FULL LOAD CURRENT	2.0 A
12. STARTING CURRENT AT RATED VOLTAGE	11.1 A
13. MINIMUM STARTING VOLTAGE	400 V
14. EFFICIENCY AT 100% RATED LOAD	67.0 %
15. POWER FACTOR AT 100% RATED LOAD	73.5 %
16. STARTING TORQUE	1.02 KG.M
17. SITE ALTITUDE(UNDER)	1000 M
18. ENCLOSURE & COOLING METHOD	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	극동 호이스트 (주)
3. FRAME NUMBER	90 S
4. RATED POWER	0.75 KW x 4 P
5. RATED VOLTAGE AND FREQUENCY	460 V 60 Hz
6. MOTOR TYPE	SQUIRREL CAGE ROTOR TYPE
7. SERVICE FACTOR AND RATting	1.0 , 30 MIN
8. LOCATION AND INSULATION CLASS	INDOOR, OUTDOOR, B CLASS
9. DESIGN TEMPERATURE RISE(BY RESISTANCE)	80 °C
10. FULL LOAD SPEED	1760 RPM
11. FULL LOAD CURRENT	2.0 A
12. STARTING CURRENT AT RATED VOLTAGE	10.6 A
13. MINIMUM STARTING VOLTAGE	418 V
14. EFFICIENCY AT 100% RATED LOAD	66.0 %
15. POWER FACTOR AT 100% RATED LOAD	73.5 %
16. STARTING TORQUE	1.02 KG.M
17. SITE ALTITUDE(UNDER)	1000 M
18. ENCLOSURE & COOLING METHOD	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	극동 호이스트 (주)
3. FRAME NUMBER	90 S
4. RATED POWER	0.75 KW x 4 P
5. RATED VOLTAGE AND FREQUENCY	480 V 60 Hz
6. MOTOR TYPE	SQUIRREL CAGE ROTOR TYPE
7. SERVICE FACTOR AND RATting	1.0 , 30 MIN
8. LOCATION AND INSULATION CLASS	INDOOR, OUTDOOR, B CLASS
9. DESIGN TEMPERATURE RISE(BY RESISTANCE)	80 °C
10. FULL LOAD SPEED	1760 RPM
11. FULL LOAD CURRENT	1.9 A
12. STARTING CURRENT AT RATED VOLTAGE	10.2 A
13. MINIMUM STARTING VOLTAGE	436 V
14. EFFICIENCY AT 100% RATED LOAD	66.0 %
15. POWER FACTOR AT 100% RATED LOAD	73.5 %
16. STARTING TORQUE	1.02 KG.M
17. SITE ALTITUDE(UNDER)	1000 M
18. ENCLOSURE & COOLING METHOD	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	극동 호이스트 (주)
3. FRAME NUMBER	90 S
4. RATED POWER	0.5 KW x 6 P
5. RATED VOLTAGE AND FREQUENCY	220 V 60 Hz
6. MOTOR TYPE	SQUIRREL CAGE ROTOR TYPE
7. SERVICE FACTOR AND RATting	1 . 0 , 30 MIN
8. LOCATION AND INSULATION CLASS	INDOOR, OUTDOOR, B CLASS
9. DESIGN TEMPERATURE RISE(BY RESISTANCE)	80 °C
10. FULL LOAD SPEED	1160 RPM
11. FULL LOAD CURRENT	3.4 A
12. STARTING CURRENT AT RATED VOLTAGE	16.4 A
13. MINIMUM STARTING VOLTAGE	200 V
14. EFFICIENCY AT 100% RATED LOAD	64.0 %
15. POWER FACTOR AT 100% RATED LOAD	59.5 %
16. STARTING TORQUE	0.80 KG.M
17. SITE ALTITUDE(UNDER)	1000 M
18. ENCLOSURE & COOLING METHOD	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	극동 호이스트 (주)
3. FRAME NUMBER	90 S
4. RATED POWER	0.5 KW x 6 P
5. RATED VOLTAGE AND FREQUENCY	380 V 60 Hz
6. MOTOR TYPE	SQUIRREL CAGE ROTOR TYPE
7. SERVICE FACTOR AND RATting	1.0 , 30 MIN
8. LOCATION AND INSULATION CLASS	INDOOR, OUTDOOR, B CLASS
9. DESIGN TEMPERATURE RISE(BY RESISTANCE)	80 °C
10. FULL LOAD SPEED	1160 RPM
11. FULL LOAD CURRENT	2.0 A
12. STARTING CURRENT AT RATED VOLTAGE	9.5 A
13. MINIMUM STARTING VOLTAGE	345 V
14. EFFICIENCY AT 100% RATED LOAD	64.0 %
15. POWER FACTOR AT 100% RATED LOAD	59.5 %
16. STARTING TORQUE	0.80 KG.M
17. SITE ALTITUDE(UNDER)	1000 M
18. ENCLOSURE & COOLING METHOD	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	극동 호이스트 (주)
3. FRAME NUMBER	90 S
4. RATED POWER	0.5 KW x 6 P
5. RATED VOLTAGE AND FREQUENCY	440 V 60 Hz
6. MOTOR TYPE	SQUIRREL CAGE ROTOR TYPE
7. SERVICE FACTOR AND RATting	1.0 , 30 MIN
8. LOCATION AND INSULATION CLASS	INDOOR, OUTDOOR, B CLASS
9. DESIGN TEMPERATURE RISE(BY RESISTANCE)	80 °C
10. FULL LOAD SPEED	1160 RPM
11. FULL LOAD CURRENT	1.7 A
12. STARTING CURRENT AT RATED VOLTAGE	8.2 A
13. MINIMUM STARTING VOLTAGE	400 V
14. EFFICIENCY AT 100% RATED LOAD	64.0 %
15. POWER FACTOR AT 100% RATED LOAD	59.5 %
16. STARTING TORQUE	0.80 KG.M
17. SITE ALTITUDE(UNDER)	1000 M
18. ENCLOSURE & COOLING METHOD	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	극동 호이스트 (주)
3. FRAME NUMBER	90 S
4. RATED POWER	0.5 KW x 6 P
5. RATED VOLTAGE AND FREQUENCY	460 V 60 Hz
6. MOTOR TYPE	SQUIRREL CAGE ROTOR TYPE
7. SERVICE FACTOR AND RATting	1.0 , 30 MIN
8. LOCATION AND INSULATION CLASS	INDOOR, OUTDOOR, B CLASS
9. DESIGN TEMPERATURE RISE(BY RESISTANCE)	80 °C
10. FULL LOAD SPEED	1160 RPM
11. FULL LOAD CURRENT	1.7 A
12. STARTING CURRENT AT RATED VOLTAGE	7.9 A
13. MINIMUM STARTING VOLTAGE	418 V
14. EFFICIENCY AT 100% RATED LOAD	64.0 %
15. POWER FACTOR AT 100% RATED LOAD	59.5 %
16. STARTING TORQUE	0.80 KG.M
17. SITE ALTITUDE(UNDER)	1000 M
18. ENCLOSURE & COOLING METHOD	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	극동 호이스트 (주)
3. FRAME NUMBER	90 S
4. RATED POWER	0.5 KW x 6 P
5. RATED VOLTAGE AND FREQUENCY	480 V 60 Hz
6. MOTOR TYPE	SQUIRREL CAGE ROTOR TYPE
7. SERVICE FACTOR AND RATting	1.0 , 30 MIN
8. LOCATION AND INSULATION CLASS	INDOOR, OUTDOOR, B CLASS
9. DESIGN TEMPERATURE RISE(BY RESISTANCE)	80 °C
10. FULL LOAD SPEED	1160 RPM
11. FULL LOAD CURRENT	1.6 A
12. STARTING CURRENT AT RATED VOLTAGE	7.5 A
13. MINIMUM STARTING VOLTAGE	436 V
14. EFFICIENCY AT 100% RATED LOAD	64.0 %
15. POWER FACTOR AT 100% RATED LOAD	59.5 %
16. STARTING TORQUE	0.80 KG.M
17. SITE ALTITUDE(UNDER)	1000 M
18. ENCLOSURE & COOLING METHOD	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	극동 호이스트 (주)
3. FRAME NUMBER	90 M
4. RATED POWER	0.8 / 0.4 KW x 4 / 8 P
5. RATED VOLTAGE AND FREQUENCY	220 V 60 Hz
6. MOTOR TYPE	SQUIRREL CAGE ROTOR TYPE
7. SERVICE FACTOR AND RATting	1.0 , 30 MIN
8. LOCATION AND INSULATION CLASS	INDOOR, OUTDOOR, B CLASS
9. DESIGN TEMPERATURE RISE(BY RESISTANCE)	80 °C
10. FULL LOAD SPEED	1750 / 850 RPM
11. FULL LOAD CURRENT	4.8 / 4.25 A
12. LOCKED ROTOR CURRENT	14.2 / 13.6 A
13. MINIMUM STARTING VOLTAGE	200 V
14. EFFICIENCY AT 100% RATED LOAD	72.8 / 65.8 %
15. POWER FACTOR AT 100% RATED LOAD	82.3 / 75.0 %
16. FULL LOAD TORQUE	0.80 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	극동 호이스트 (주)
3. FRAME NUMBER	90 M
4. RATED POWER	0.8 / 0.4 KW x 4 / 8 P
5. RATED VOLTAGE AND FREQUENCY	380 V 60 Hz
6. MOTOR TYPE	SQUIRREL CAGE ROTOR TYPE
7. SERVICE FACTOR AND 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	1750 / 850 RPM
11. FULL LOAD CURRENT	2.78 / 2.63 A
12. LOCKED ROTOR CURRENT	9.2 / 6.3 A
13. MINIMUM STARTING VOLTAGE	345 V
14. EFFICIENCY AT 100% RATED LOAD	72.8 / 65.8 %
15. POWER FACTOR AT 100% RATED LOAD	82.3 / 75.0 %
16. FULL LOAD TORQUE	0.80 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	극동 호이스트 (주)
3. FRAME NUMBER	90 M
4. RATED POWER	0.8 / 0.4 KW x 4 / 8 P
5. RATED VOLTAGE AND FREQUENCY	440 V 60 Hz
6. MOTOR TYPE	SQUIRREL CAGE ROTOR TYPE
7. SERVICE FACTOR AND RATING	1.0 , 30 MIN
8. LOCATION AND INSULATION CLASS	INDOOR, OUTDOOR, B CLASS
9. DESIGN TEMPERATURE RISE(BY RESISTANCE)	80 °C
10. FULL LOAD SPEED	1750 / 850 RPM
11. FULL LOAD CURRENT	2.4 / 2.27 A
12. LOCKED ROTOR CURRENT	8.6 / 6.2 A
13. MINIMUM STARTING VOLTAGE	400 V
14. EFFICIENCY AT 100% RATED LOAD	72.8 / 65.8 %
15. POWER FACTOR AT 100% RATED LOAD	82.3 / 75.0 %
16. FULL LOAD TORQUE	0.80 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	극동 호이스트 (주)
3. FRAME NUMBER	90 M
4. RATED POWER	0.8 / 0.4 KW x 4 / 8 P
5. RATED VOLTAGE AND FREQUENCY	460 V 60 Hz
6. MOTOR TYPE	SQUIRREL CAGE ROTOR TYPE
7. SERVICE FACTOR AND RATting	1.0 , 30 MIN
8. LOCATION AND INSULATION CLASS	INDOOR, OUTDOOR, B CLASS
9. DESIGN TEMPERATURE RISE(BY RESISTANCE)	80 °C
10. FULL LOAD SPEED	1750 / 850 RPM
11. FULL LOAD CURRENT	2.3 / 2.17 A
12. LOCKED ROTOR CURRENT	8.5 / 6.2 A
13. MINIMUM STARTING VOLTAGE	418 V
14. EFFICIENCY AT 100% RATED LOAD	72.8 / 65.8 %
15. POWER FACTOR AT 100% RATED LOAD	82.3 / 75.0 %
16. FULL LOAD TORQUE	0.80 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	극동 호이스트 (주)
3. FRAME NUMBER	90 M
4. RATED POWER	0.8 / 0.4 KW x 4 / 8 P
5. RATED VOLTAGE AND FREQUENCY	480 V 60 Hz
6. MOTOR TYPE	SQUIRREL CAGE ROTOR TYPE
7. SERVICE FACTOR AND RATting	1 . 0 , 30 MIN
8. LOCATION AND INSULATION CLASS	INDOOR, OUTDOOR, B CLASS
9. DESIGN TEMPERATURE RISE(BY RESISTANCE)	80 °C
10. FULL LOAD SPEED	1750 / 850 RPM
11. FULL LOAD CURRENT	2.3 / 2.1 A
12. LOCKED ROTOR CURRENT	8.4 / 6.15 A
13. MINIMUM STARTING VOLTAGE	436 V
14. EFFICIENCY AT 100% RATED LOAD	72.8 / 65.8 %
15. POWER FACTOR AT 100% RATED LOAD	82.3 / 75.0 %
16. FULL LOAD TORQUE	0.80 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	극동 호이스트 (주)
3. FRAME NUMBER	90 L
4. RATED POWER	0.5/0.25 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 TEMPERATURE RISE(BY RESISTANCE)	80 °C
10. FULL LOAD SPEED	1050/460 RPM
11. FULL LOAD CURRENT	3.2/3.6 A
12. STARTING CURRENT AT RATED VOLTAGE	12.8/10.8 A
13. MINIMUM STARTING VOLTAGE	200 V
14. EFFICIENCY AT 100% RATED LOAD	57.5/35 %
15. POWER FACTOR AT 100% RATED LOAD	64.5/50 %
16. STARTING TORQUE	0.757/0.506 KG.M
17. SITE ALTITUDE(UNDER)	1000 M
18. ENCLOSURE & COOLING METHOD	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	극동 호이스트 (주)
3. FRAME NUMBER	90 L
4. RATED POWER	0.5/0.25 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 TEMPERATURE RISE(BY RESISTANCE)	80 °C
10. FULL LOAD SPEED	1050/460 RPM
11. FULL LOAD CURRENT	3.2/3.6 A
12. STARTING CURRENT AT RATED VOLTAGE	12.8/10.8 A
13. MINIMUM STARTING VOLTAGE	200 V
14. EFFICIENCY AT 100% RATED LOAD	57.5/35 %
15. POWER FACTOR AT 100% RATED LOAD	64.5/50 %
16. STARTING TORQUE	0.757/0.506 KG.M
17. SITE ALTITUDE(UNDER)	1000 M
18. ENCLOSURE & COOLING METHOD	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	극동 호이스트 (주)
3. FRAME NUMBER	90 L
4. RATED POWER	0.5/0.25 KW x 6/12 P
5. RATED VOLTAGE AND FREQUENCY	440 V 60 Hz
6. MOTOR TYPE	SQUIRREL CAGE ROTOR TYPE
7. SERVICE FACTOR AND RATting	1.0 , 30 MIN
8. LOCATION AND INSULATION CLASS	INDOOR, OUTDOOR, B CLASS
9. DESIGN TEMPERATURE RISE(BY RESISTANCE)	80 °C
10. FULL LOAD SPEED	1050/460 RPM
11. FULL LOAD CURRENT	3.2/3.6 A
12. STARTING CURRENT AT RATED VOLTAGE	12.8/10.8 A
13. MINIMUM STARTING VOLTAGE	200 V
14. EFFICIENCY AT 100% RATED LOAD	57.5/35 %
15. POWER FACTOR AT 100% RATED LOAD	64.5/50 %
16. STARTING TORQUE	0.757/0.506 KG.M
17. SITE ALTITUDE(UNDER)	1000 M
18. ENCLOSURE & COOLING METHOD	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	극동 호이스트 (주)
3. FRAME NUMBER	90 L
4. RATED POWER	0.5/0.25 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 TEMPERATURE RISE(BY RESISTANCE)	80 °C
10. FULL LOAD SPEED	1050/460 RPM
11. FULL LOAD CURRENT	3.2/3.6 A
12. STARTING CURRENT AT RATED VOLTAGE	12.8/10.8 A
13. MINIMUM STARTING VOLTAGE	200 V
14. EFFICIENCY AT 100% RATED LOAD	57.5/35 %
15. POWER FACTOR AT 100% RATED LOAD	64.5/50 %
16. STARTING TORQUE	0.757/0.506 KG.M
17. SITE ALTITUDE(UNDER)	1000 M
18. ENCLOSURE & COOLING METHOD	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	극동 호이스트 (주)
3. FRAME NUMBER	90 L
4. RATED POWER	0.5/0.25 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 TEMPERATURE RISE(BY RESISTANCE)	80 °C
10. FULL LOAD SPEED	1050/460 RPM
11. FULL LOAD CURRENT	3.2/3.6 A
12. STARTING CURRENT AT RATED VOLTAGE	12.8/10.8 A
13. MINIMUM STARTING VOLTAGE	200 V
14. EFFICIENCY AT 100% RATED LOAD	57.5/35 %
15. POWER FACTOR AT 100% RATED LOAD	64.5/50 %
16. STARTING TORQUE	0.757/0.506 KG.M
17. SITE ALTITUDE(UNDER)	1000 M
18. ENCLOSURE & COOLING METHOD	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

불법복제 및 배포금지



INVOICE NO. 2013 - 11 - 264 / PW13058

DATE 19. Nov, 2013

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

6 x 36 WS - FC

2,000.00 M x 1 REEL

TYPE CONTAINER CRANE ROPE

EX NO. PW13058-1

FACTORY NO. 201306WRM00943

ORDER NO. BUSAN STOCK-3/4 2013 (AUG) REEL NO. 5 SAMPLING NO. 5

DIAMETER OF ROPE 09.00 mm

TYPE OF CORE FIBRE CORE SPECIFIED NOMINAL

BREAKING STRENGTH 48.00 kN SAMPLE BROKE AT 55.50 kN

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

ROPE LAY sZ (RHRL,OZ) LAY LENGTH 58.70 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
SD51272411	70	21	56	6	12



DATE OF SAMPLE TEST

29. Sep, 2013

Approved by Q.A Manager Mr. Zamri Ja'afar

KISWIRE