



제 2015 - 45161 호

안 전 인 증 서

(사업장명)

극동호이스트(주)

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

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

_____ 품 목 _____

호이스트

_____ 형식, 모델(용량, 등급)/인증번호 _____

KD7.5-M (7.5Ton) / 15-AQ2AC-00034

_____ 인 증 기 준 _____

고용노동부 고시 제2012 - 33호 (위험기계, 기구 의무안전인증 고시)

_____ 인 증 조 건 _____

2015년 01월 05일



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

형식(규격)	KD7.5-M	용량(등급)	7.5 Ton
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산업안전보건법 제 34조 및 같은 법 시행규칙 제58조의4에 따라 실시한

☐ 예비심사

☒ 서면심사

☐ 기술능력 및 생산체계 심사

결과가 ☒ 적함

함을 통지합니다.

☐ 개별 제품심사

☐ 부적합

☐ 개별 제품심사(제작중)

☐ 형식별 제품심사

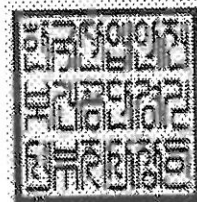
2014년 12월 12일

인증심사원

강성두 변명수

(서명 또는 인)

한국산업안전보건공단 경기서부지사장



서 면 심 사 서 류

형식 번호 : KD7.5-M

극 동 호 이 스트 (주)

工場 : 경기도 안산시 단원구 해봉로 119 (성곡동)

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산업재해예방
안전보건공단
KOREA OCCUPATIONAL SAFETY & HEALTH AGENCY



동 일 형 식 일 랑 표

사업장명		개정일자 및 번호		2014년 12월 02일		인증번호	비 고
형식 및 모델			동일 형식 인정범위 및 내역				
형식	모델	권상속도(m/min)	회행속도(m/min)	양정(m)	회행방식		
KD7.5-M	KD7.5-L9-M	고속:3.8M/MIN	고속:15M/MIN	9	모터구동식		
	KD7.5-L12-M		저속:10M/MIN	12			
	KD7.5-L18-M		18				
	KD7.5-L24-M		24				
	KD7.5-L30-M		30				
	KD7.5-L9-M-H	저속:2.8M/MIN	듀얼고속:15/7.5M/MIN	9			
	KD7.5-L12-M-H		듀얼저속:10/5M/MIN	12			
	KD7.5-L18-M-H		18				
	KD7.5-L24-M-H		24				
	KD7.5-L30-M-H		30				



1) 호이스트 설계 조건



산업재해예방

안전보건공단

KOREA OCCUPATIONAL SAFETY & HEALTH AGENCY



불법복제 및 배포금지

호 이 스톱 설 계 조 건

항 목		내 용		
형 식 번 호		KD7.5-M	모 델 KD7.5-L9-M, KD7.5-L12-M, KD7.5-L18-M, KD7.5-L24-M KD7.5-L30-M	
품 명		모노레일식 와이어 호이스트		
정격 하중	주 권	정격하중	7.5 TON	
		시험하중	9.375 TON	
	보 권	정격하중	-	
		시험하중	-	
주권 달기구	종 류	SINGLE HOOK & DOUBLE HOOK		
	자체 하중	0.075		
양 정 (LIFT)		9(12,18,24,30) M		
호이스트(HOIST)	HIGH	SPEED	3.8 M/MIN	
		MOTOR	5.5 KW x 6P	
	LOW	SPEED	2.8 M/MIN	
		MOTOR	4.2 KW x 8P	
	BRAKE		D.C MAGNET DISC BRAKE	
	TRAVERSING	HIGH	SPEED	15 M/MIN
MOTOR			0.75 KW x 4P (2UNIT)	
LOW		SPEED	10 M/MIN	
		MOTOR	0.5 KW x 6P (2UNIT)	
DUAL HIGH		SPEED	15/7.5 M/MIN	
		MOTOR	0.8/0.4 KW x 4/8 P (2UNIT)	
DUAL LOW		SPEED	10/5 M/MIN	
		MOTOR	0.5/0.25 KW x 6/12 P (2UNIT)	
BRAKE		D.C MAGNET DISC BRAKE		
WIRE ROPE		ø14 x 4 FALLS (6x37) "B" GRADE Z LAY		
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 조작방식		
방 호 장 치		과부하방지장치, 과권방지장치, HOOK 해치장치, 횡행STOPPER, 비상정지장치		
사 용 용 도		일반 하물 인양작업		
설 치 위 치		☒ 옥 내 ☒ 옥 외		
하중을 받는 회수		1.2x10 ⁵ 회 이상 2.5x10 ⁵ 회 미만		
사 용 조 건		정격하중 63% 이상 80% 이하의 하중용 HOIST 충격 계수 1.1		
주 위 온 도		40° 이내		
방 폭 구 조 사 용 유 무		☐ 유 ☒ 무		

불법복제 및 배포금지

호 이 스톱 설 계 조 건

항 목		내 용		
형 식 번 호		KD7.5-M	모 델 KD7.5-L9-M-H, KD7.5-L12-M-H, KD7.5-L18-M-H, KD7.5-L24-M-H KD7.5-L30-M-H	
품 명		모노레일식 와이어 호이스트		
정격 하중	주 권	정격하중	7.5 TON	
		시험하중	9.375 TON	
	보 권	정격하중	-	
		시험하중	-	
주권 달기구	종 류	SINGLE HOOK & DOUBLE HOOK		
	자체 하중	0.075		
양 정 (LIFT)		9(12,18,24,30) M		
호이스트(HOIST)	HIGH	SPEED	3.8 M/MIN	
		MOTOR	5.5 KW x 6P	
	LOW	SPEED	2.8 M/MIN	
		MOTOR	4.2 KW x 8P	
	BRAKE		D.C MAGNET DISC BRAKE	
	TRAVERSING	HIGH	SPEED	15 M/MIN
MOTOR			0.75 KW x 4P (2UNIT)	
LOW		SPEED	10 M/MIN	
		MOTOR	0.5 KW x 6P (2UNIT)	
DUAL HIGH		SPEED	15/7.5 M/MIN	
		MOTOR	0.8/0.4 KW x 4/8 P (2UNIT)	
DUAL LOW		SPEED	10/5 M/MIN	
		MOTOR	0.5/0.25 KW x 6/12 P (2UNIT)	
BRAKE		D.C MAGNET DISC BRAKE		
WIRE ROPE		ø14 x 4 FALLS (6x37) "B" GRADE Z LAY		
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 조작방식		
방 호 장 치		과부하방지장치, 과권방지장치, HOOK 제지장치, 횡행STOPPER, 비상정지장치		
사 용 용 도		일반 하물 인양작업		
설 치 위 치		☒ 옥 내 ☒ 옥 외		
하중을 받는 회수		1.2x10 ⁵ 회 이상 2.5x10 ⁵ 회 미만		
사 용 조 건		정격하중 63% 이상 80% 이하의 하중용 HOIST 충격 계수 1.1		
주 위 온 도		40° 이내		
방 폭 구 조 사 용 유 무		☐ 유 ☒ 무		

1) 기 계



산업재해예방

안전보건공단

KOREA OCCUPATIONAL SAFETY & HEALTH AGENCY



TRAVERSING I-BEAM		Ix (Cm ⁴)	Zx (Cm ³)	SUPPORT LENGHT	C
A	B x t				
J	300x150x10t	12700	849	MAX. 3.5M	500
J	350x150x12t	22400	1280	MAX. 5.0M	500
J	400x150x10t	24100	1200	MAX. 4.6M	500
J	450x175x13t	48800	2170	MAX. 7.4M	515
J	600x190x13t	94800	3280	MAX. 9.9M	530

최소 기준 치수의 보충 허용치 (mm)	치수 구분 (공차-이하)	평균 (12차~14차)	최대 (14차~16차)	최소 (16차~18차)
0.5 ~ 3	±0.05	±0.1	-	-
3 ~ 6	±0.05	±0.1	±0.2	-
6 ~ 30	±0.1	±0.2	±0.5	-
30 ~ 120	±0.15	±0.3	±0.8	-
120 ~ 315	±0.2	±0.5	±1.2	-
315 ~ 1000	±0.3	±0.8	±2	-
1000~2000	±0.5	±1.2	±3	-

	No.	Date	First Issue	M.H.K.M	DWG.	CHK.	APP.
	Scale	N/S	Pro- jection ANGLES	Mase	Kg	Title	ELECTRIC WIRE HOIST
	OWNER						KD7.5-L9-M
	극동호이스트 주식회사 KUK DONG HOIST CO., LTD.						KD75M900

Technical drawing of a 7500KG industrial scale with a traversing I-beam. The drawing includes two views: a side view (top) and a front view (bottom).

Side View (Top): Shows the vertical scale column. Dimensions include a total height of 3000mm, a platform height of 200mm, and a weighing unit height of 160mm. The weighing unit is labeled "극동하이스트 제한하중 7500KG". A large watermark "KCS" is visible in the background.

Front View (Bottom): Shows the scale's base with a motor and a weighing unit. Dimensions include a total width of 800mm, a platform width of 435mm, and a weighing unit width of 525mm. The weighing unit is labeled "극동하이스트 제한하중 7500KG".

Traversing I-Beam: A horizontal beam is shown at the bottom, with a dimension of 12M. It is labeled "TRAVERSING I-BEAM".

Support: A vertical support structure is shown on the right, labeled "SUPPORT".

Dimensions:

- Side View: 3000 (Total Height), 200 (Platform Height), 160 (Weighing Unit Height).
- Front View: 800 (Total Width), 435 (Platform Width), 525 (Weighing Unit Width).
- Traversing I-Beam: 12M (Length).

TRAVERSING I-BEAM A x B x t	lx (cm ⁴)	Zx (cm ³)	SUPPORT LENGHT	C
J 300x150x10t	12700	849	MAX. 3.5M	500
J 350x150x12t	22400	1280	MAX. 5.0M	500
J 400x150x10t	24100	1200	MAX. 4.6M	500
J 450x175x13t	48800	2170	MAX. 7.4M	515
J 600x190x13t	94800	3280	MAX. 9.9M	530

필사 가용 치수	치수의 표출 허용치(mm)	KS B 0412 (JIS B 0405)
치수 구분	평균 (123)	표준 (143)
0.5 ~ 3	±0.05	±0.1
3 ~ 6	±0.05	±0.1
6 ~ 30	±0.1	±0.2
30 ~ 120	±0.15	±0.3
120 ~ 315	±0.2	±0.5
315 ~ 1000	±0.3	±0.8
1000 ~ 2000	±0.5	±1.2
2000 ~ 3150	±0.8	±2
3150 ~ 5000	±1.2	±3

[illegible]

Technical drawing of the KS-7500K industrial X-ray inspection system. The drawing includes a side view (top) and a front view (bottom).

Side View (Top): Shows the X-ray tube assembly (1) and the detector assembly (2) with a distance of 1460 ± 30 mm between them. The X-ray tube assembly is labeled with '7.5T' and '160'. The detector assembly is labeled with '3'.

Front View (Bottom): Shows the main frame with dimensions 435, 1300, 1852, and 525 mm. It also shows the motor (3) and the detector assembly (4). The text '극동하이스트 제한하중 7500KG' (Kudong Hyster Load Limit 7500KG) is visible on the frame.

A large watermark 'KS' is present in the background.

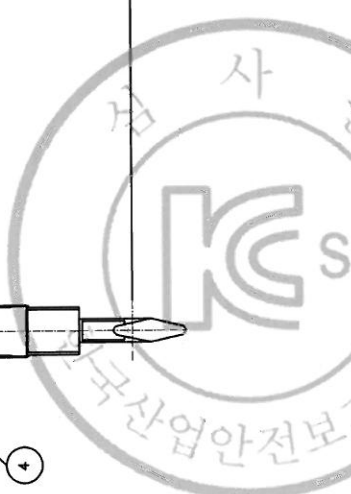
TRAVERSING I- BEAM A x B x t	I _x (cm ⁴)	Z _x (cm ³)	SUPPORT LENGHT	C
J 300x150x10t	12700	849	MAX. 3.5M	500
J 350x150x12t	22400	1280	MAX. 5.0M	500
J 400x150x10t	24100	1200	MAX. 4.6M	500
J 450x175x13t	48900	2170	MAX. 7.4M	515
J 600x190x13t	94900	3280	MAX. 9.9M	530

질서	구분	평균 (±표준-이차)	평균 (12%) (14%)	표준 (16%)
0.5 ~ 3	3 ± 6	±0.05	±0.1	-
3 ~ 6	6 ± 30	±0.05	±0.1	±0.2
6 ~ 30	30 ± 120	±0.15	±0.3	±0.5
30 ~ 315	315 ± 1000	±0.2	±0.5	±1.2
315 ~ 1000	1000 ~ 2000	±0.3	±0.8	±2
1000 ~ 2000		±0.5	±1.2	±3

[illegible]

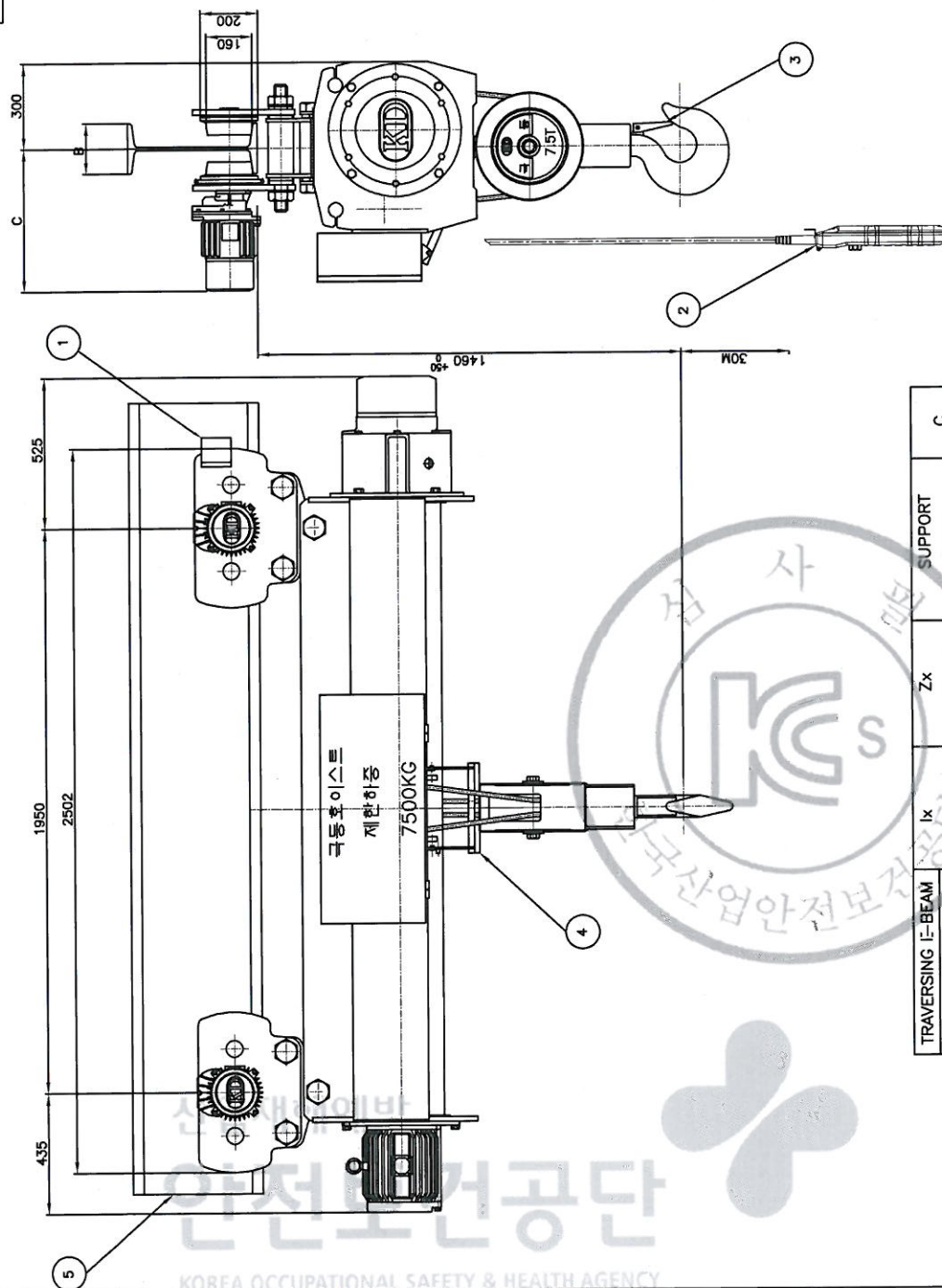
Technical drawing of a mechanical part showing dimensions and callouts. The drawing includes a top view and a side view. The top view shows a rectangular part with a width of 300 and a length of 525. A dimension of 1650 is shown for the total length, and a dimension of 2202 is shown for the distance from the left edge to the center of the part. A dimension of 435 is shown for the distance from the left edge to the center of the part. A dimension of 525 is shown for the distance from the center of the part to the right edge. A dimension of 300 is shown for the width of the part. A dimension of 8 is shown for the thickness of the part. A dimension of 1 is shown for the radius of the part. A dimension of 5 is shown for the radius of the part. A dimension of 1 is shown for the radius of the part. A dimension of 5 is shown for the radius of the part.

Technical drawing of a 7500KG industrial scale. The drawing includes dimensions: 200, 160, 1460 ±50, and 24M. It also features a circular gauge with '75T' and '15' markings, and a rectangular label with Korean text '극동하이스트 제한하중 7500KG'.



MAX. D.C.T.		(Gm/g)	(Gm/g)	(Gm/g)
J 300x150x10t	12700	849	MAX. 3.5M	500
J 350x150x12t	22400	1280	MAX. 5.0M	500
J 400x150x10t	24100	1200	MAX. 4.6M	500
J 450x175x13t	48800	2170	MAX. 7.4M	515
J 600x190x13t	94800	3280	MAX. 9.9M	530

NO	DESCRIPTION	MATERIAL	QTY	SIZE	REMARK
1	LOAD LIMITER	-	1		
2	PUSH BOTTOM S/W	-	1		
3	SAFETY LANTH	SS400	1		
4	UPPER LIMIT S/W	SS400	1		
5	I-BEAM	SS400	1		



SPECIFICATION				
HOISTING LOAD	7500 KG			
TESTING LOAD	9375 KG			
LIFT	30 M			
RATING	30 MIN			
HOISTING	SPEED	HIGH	3.8	M/MIN
		LOW	2.8	M/MIN
	MOTOR	HIGH	5.5	KWx6P
		LOW	4.2	KWx8P
TRAVERSING	SPEED	HIGH	15	M/MIN
		LOW	10	M/MIN
	DUAL HIGH	15/7.5	M/MIN	
		10/5	M/MIN	
	DUAL LOW	HIGH	0.75	KWx4P
		LOW	0.5	KWx6P
MOTOR (2UNIT)	DUAL HIGH	0.8/0.4	KWx4/8P	
	DUAL LOW	0.5/0.25	KWx6/12P	
WIRE ROPE	(6x37) Ø14x4FALLS			
POWER SOURCE	AC 3Ø 220, 380, 440, 460, 480V 60Hz			
COLOR	10 B 3/5			
WEIGHT	1260 KG			

TRAVERSING I-BEAM A x B x t	lx (Cm4)	Zx (Cm3)	SUPPORT LENGHT	C
J 300x150x10t	12700	849	MAX. 3.5M	500
J 350x150x12t	22400	1280	MAX. 5.0M	500
J 400x150x10t	24100	1200	MAX. 4.6M	500
J 450x175x13t	48800	2170	MAX. 7.4M	515
J 600x190x13t	94800	3280	MAX. 9.9M	530

표준 기호 치수표 (mm)			
KS B 0412 (KS B 0405)	14.12.01	DATE	N/S
기호 구분	형식 (표준)	도면	판
(5.2x1.2)	(1.2x1.2)	(1.2x1.2)	(1.2x1.2)
0.5 ~ 3	3.0 ~ 6	6.0 ~ 12	12.0 ~ 24
3 ~ 6	6.0 ~ 12	12.0 ~ 24	24.0 ~ 48
6 ~ 12	12.0 ~ 24	24.0 ~ 48	48.0 ~ 96
12 ~ 24	24.0 ~ 48	48.0 ~ 96	96.0 ~ 192
24 ~ 48	48.0 ~ 96	96.0 ~ 192	192.0 ~ 384
48 ~ 96	96.0 ~ 192	192.0 ~ 384	384.0 ~ 768
96 ~ 192	192.0 ~ 384	384.0 ~ 768	768.0 ~ 1536
1536 ~ 3072	3072.0 ~ 6144	6144.0 ~ 12288	12288.0 ~ 24576
24576 ~ 49152	49152.0 ~ 98304	98304.0 ~ 196608	196608.0 ~ 393216
393216 ~ 786432	786432.0 ~ 1572864	1572864.0 ~ 3145728	3145728.0 ~ 6291456
6291456 ~ 12582912	12582912.0 ~ 25165824	25165824.0 ~ 50331648	50331648.0 ~ 100663296
100663296 ~ 201326592	201326592.0 ~ 402653184	402653184.0 ~ 805306368	805306368.0 ~ 1610612736
1610612736 ~ 3221225472	3221225472.0 ~ 6442450944	6442450944.0 ~ 12884901888	12884901888.0 ~ 25769803776
25769803776 ~ 51539607552	51539607552.0 ~ 103079215104	103079215104.0 ~ 206158430208	206158430208.0 ~ 412316860416
412316860416 ~ 824633720832	824633720832.0 ~ 1649267441664	1649267441664.0 ~ 3298534883328	3298534883328.0 ~ 6597069766656
6597069766656 ~ 13194139533312	13194139533312.0 ~ 26388279066624	26388279066624.0 ~ 52776558133248	52776558133248.0 ~ 105553116266496
105553116266496 ~ 211106232532992	211106232532992.0 ~ 422212465065984	422212465065984.0 ~ 844424930131968	844424930131968.0 ~ 1688849860263936
1688849860263936 ~ 3377699720527872	3377699720527872.0 ~ 6755399441055744	6755399441055744.0 ~ 13510798882111488	13510798882111488.0 ~ 27021597764222976
27021597764222976 ~ 54043195528445952	54043195528445952.0 ~ 108086391056891904	108086391056891904.0 ~ 216172782113783808	216172782113783808.0 ~ 432345564227567616
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TRAVERSING I-BEAM		I _x (Cm ⁴)	Z _x (Cm ³)	SUPPORT LENGTH	C
A x B x t					
∩ 300x150x10t		12700	849	MAX. 3.5M	500
∩ 350x150x12t		22400	1280	MAX. 5.0M	500
∩ 400x150x10t		24100	1200	MAX. 4.6M	500
∩ 450x175x13t		48800	2170	MAX. 7.4M	515
∩ 600x190x13t		94800	3280	MAX. 9.9M	530

검사 기구	치수의 표준 치차(mm)	KS B 0412 (JIS B 0405)
치수 구분 (호칭·이치)	범위	정밀도
0.5 ~ 3	±0.05	±0.1
3 ~ 6	±0.05	±0.1
6 ~ 30	±0.1	±0.2
30 ~ 120	±0.15	±0.3
120 ~ 315	±0.2	±0.5
315 ~ 1000	±0.3	±0.8
1000~2000	±0.5	±1.2

[illegible]

Technical drawing of a 7500KG industrial scale with a traversing beam and support structure. The drawing includes two views: a side view (top) and a front view (bottom). The side view shows a vertical scale column with a hook and a weighing platform. The front view shows the base with two large wheels and a horizontal beam. Dimensions are provided in millimeters (mm) and centimeters (cm). Callouts 1, 2, 3, 4, and 5 point to specific components.

Dimensions:

- Side View (Top):
 - Overall height: 300 mm
 - Platform height: 200 mm
 - Platform width: 160 mm
 - Base width: 1575 mm
 - Beam length: 12M
- Front View (Bottom):
 - Overall width: 800 mm
 - Wheel width: 435 mm
 - Wheel spacing: 1352 mm
 - Wheel diameter: 525 mm
 - Base width: 435 mm

Callouts:

- 1: Traversing beam
- 2: Support length
- 3: Hook
- 4: Weighing platform
- 5: Base

Scale Capacity: 7500KG

Manufacturer: 한국하이스트 (Korea Hysight)

Model: 제한하중 (Load Limit)

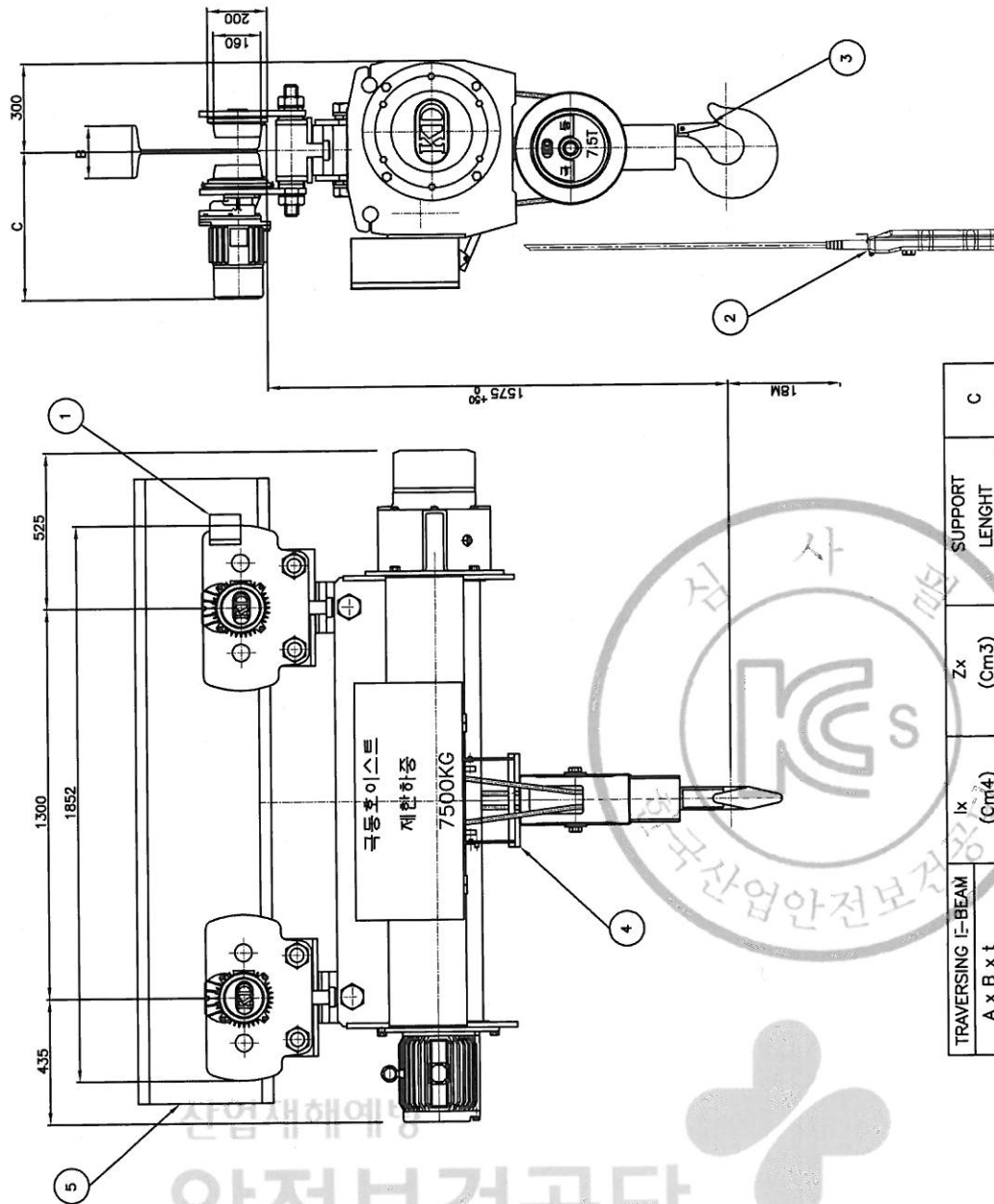
TRAVERSING I-BEAM A x B x t	IX (Cm4)	Zx (Cm3)	SUPPORT LENGT. C

TRAVERSING I-BEAM A x B x t	Ix (cm ⁴)	Zx (cm ³)	SUPPORT LENGTH	C
┐ 300x150x10t	12700	849	MAX. 3.5M	500
┐ 350x150x12t	22400	1280	MAX. 5.0M	500
┐ 400x150x10t	24100	1200	MAX. 4.6M	500
┐ 450x175x13t	48800	2170	MAX. 7.4M	515
┐ 600x190x13t	94800	3280	MAX. 9.9M	530

필사 기준	제주의 보통 하중(mm)	평균	최대	최소
(평균이하)	(12%)	(14%)	(16%)	
0.5 ~ 3	±0.05	±0.1	-	
3 ~ 6	±0.05	±0.1	±0.2	
6 ~ 30	±0.1	±0.2	±0.5	
30 ~ 120	±0.15	±0.3	±0.8	
120 ~ 315	±0.2	±0.5	±1.2	
315 ~ 1000	±0.3	±0.8	±2	
1000~2000	±0.5	±1.2	±3	

No.	DATE	14.12.01	FIRST ISSUE	REVISION RECORD			CHK.	APP.
				Pro- jection	Scale N/S	Mass Kg		
							M.J.KIM	
				Title			ELECTRIC WIRE HOIST	
							KD7.5-L12-M-H	
							KD75M1200H	

NO	DESCRIPTION	MATERIAL	QTY	SIZE	REMARK
1	LOAD LIMITER	-	1		
2	PUSH BOTTOM S/W	-	1		
3	SAFETY LANTH	SS400	1		
4	UPPER LIMIT S/W	SS400	1		
5	I-BEAM	SS400	1		



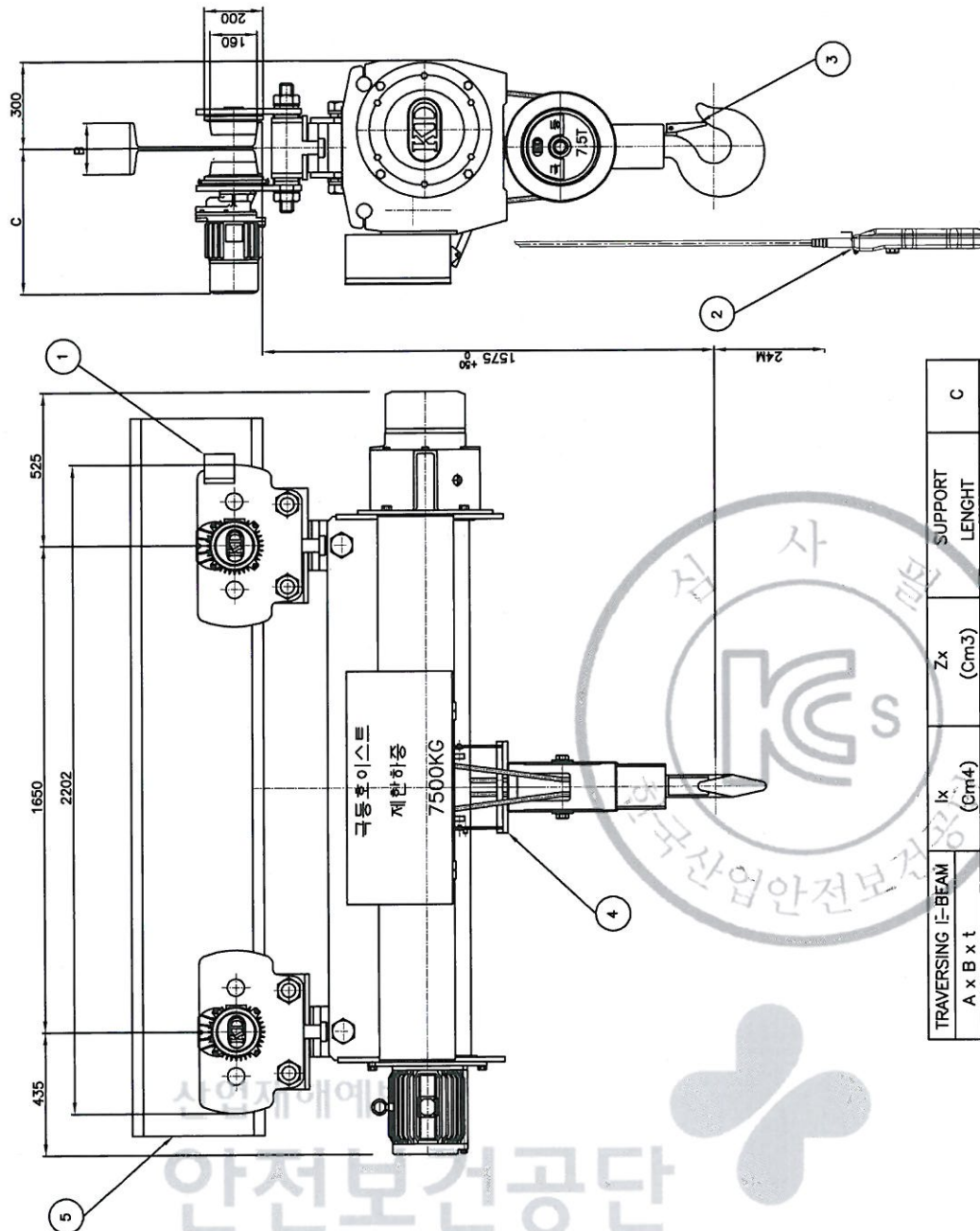
SPECIFICATION				
HOISTING LOAD			7500	KG
TESTING LOAD			9375	KG
LIFT			18	M
RATING			30	MIN
HOISTING	SPEED	HIGH	3.8	M/MIN
		LOW	2.8	M/MIN
	MOTOR	HIGH	5.5	KWx6P
		LOW	4.2	KWx8P
TRAVERSING	SPEED	HIGH	15	M/MIN
		LOW	10	M/MIN
	MOTOR (2UNIT)	DUAL HIGH	15/7.5	M/MIN
		DUAL LOW	10/5	M/MIN
		HIGH	0.75	KWx4P
		LOW	0.5	KWx6P
WIRE ROPE	DUAL HIGH	0.8/0.4	KWx4/8P	
	DUAL LOW	0.5/0.25	KWx6/12P	
POWER SOURCE		(6x37) ø14x4FALLS		
		AC 3ø 220, 380, 440, 460, 480V 60Hz		
COLOR		10 B 3/5		
WEIGHT		1160 KG		

TRAVERSING I-BEAM A x B x t	lx (Cm ⁴)	Zx (Cm ³)	SUPPORT LENGHT	C
J 300x150x10t	12700	849	MAX. 3.5M	500
J 350x150x12t	22400	1280	MAX. 5.0M	500
J 400x150x10t	24100	1200	MAX. 4.6M	500
J 450x175x13t	48800	2170	MAX. 7.4M	515
J 600x190x13t	94800	3280	MAX. 9.9M	530

표준 기호 치수표 3000 치수표 (mm)	KS B 0412 (KS B 0400)	14.12.01	DATE	14.12.01	FIRST ISSUE	REVISION RECORD	M.H.KIM	CHK.	APP.
치수 구분	형식 (표준) 치수	No.	N/S	Pro-Section	3rd/ANSI/AS	Mass	Kg	Title	ELECTRIC WIRE HOIST
0.5 ~ 3	±0.05 ±0.1	Scale	N/S	Pro-Section	3rd/ANSI/AS	Mass	Kg	Title	KD7.5-L18-M-H
3 ~ 6	±0.05 ±0.1 ±0.2	Scale	N/S	Pro-Section	3rd/ANSI/AS	Mass	Kg	Title	KD75M1800H
6 ~ 30	±0.1 ±0.2 ±0.5	Scale	N/S	Pro-Section	3rd/ANSI/AS	Mass	Kg	Title	KD75M1800H
30 ~ 120	±0.15 ±0.3 ±0.8	Scale	N/S	Pro-Section	3rd/ANSI/AS	Mass	Kg	Title	KD75M1800H
120 ~ 315	±0.2 ±0.5 ±1.2	Scale	N/S	Pro-Section	3rd/ANSI/AS	Mass	Kg	Title	KD75M1800H
315 ~ 1000	±0.3 ±0.8 ±2	Scale	N/S	Pro-Section	3rd/ANSI/AS	Mass	Kg	Title	KD75M1800H
1000 ~ 2000	±0.5 ±1.2 ±3	Scale	N/S	Pro-Section	3rd/ANSI/AS	Mass	Kg	Title	KD75M1800H



NO	DESCRIPTION	MATERIAL	Q'TY	SIZE	REMARK
1	LOAD LIMITER	-	1		
2	PUSH BOTTOM S/W	-	1		
3	SAFETY LANTH	SS400	1		
4	UPPER LIMIT S/W	SS400	1		
5	I-BEAM	SS400	1		

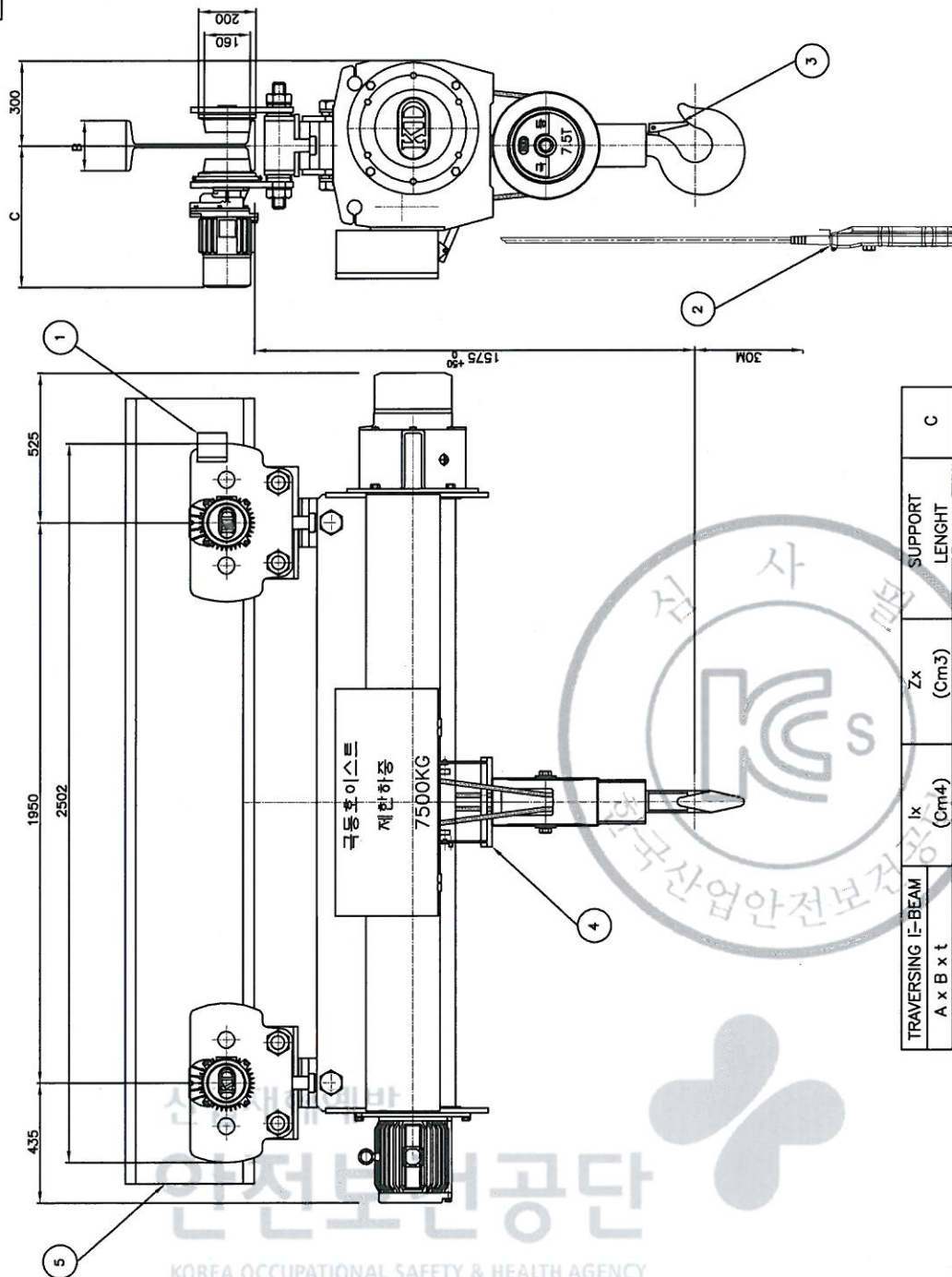


SPECIFICATION				
HOISTING LOAD		7500 KG		
TESTING LOAD		9375 KG		
LIFT		24 M		
RATING		30 MIN		
HOISTING	SPEED	HIGH	3.8	M/MIN
		LOW	2.8	M/MIN
	MOTOR	HIGH	5.5	KWx6P
		LOW	4.2	KWx8P
TRAVERSING	SPEED	HIGH	15	M/MIN
		LOW	10	M/MIN
		DUAL HIGH	15/7.5	M/MIN
	MOTOR (2UNIT)	DUAL LOW	10/5	M/MIN
		HIGH	0.75	KWx4P
		LOW	0.5	KWx6P
WIRE ROPE	DUAL HIGH	0.8/0.4	KWx4/8P	
	DUAL LOW	0.5/0.25	KWx6/12P	
POWER SOURCE		(6x37) Ø14x4FALLS		
COLOR		AC 3Ø 220, 380, 440, 460, 480V 60Hz		
WEIGHT		10 B 3/5		
		1240 KG		

TRAVERSING I-BEAM A x B x t	Ix (Cm ⁴)	Zx (Cm ³)	SUPPORT LENGHT	C
J 300x150x10t	12700	849	MAX. 3.5M	500
J 350x150x12t	22400	1280	MAX. 5.0M	500
J 400x150x10t	24100	1200	MAX. 4.6M	500
J 450x175x13t	48800	2170	MAX. 7.4M	515
J 600x190x13t	94800	3280	MAX. 9.9M	530

KS B 0412 (MS B 0405)					
제수구분 (호수~이리)	범용 (12호~14호)	범용 (14호~16호)	조용 (16호~18호)	조용 (18호~20호)	조용 (20호~22호)
0.5 ~ 3	±0.05	±0.1	-	-	-
3 ~ 6	±0.05	±0.1	±0.2	±0.2	±0.2
6 ~ 30	±0.1	±0.2	±0.3	±0.5	±0.5
30 ~ 120	±0.15	±0.3	±0.5	±0.8	±0.8
120 ~ 315	±0.2	±0.5	±0.5	±1.2	±1.2
315 ~ 1000	±0.3	±0.8	±0.8	±2	±2
1000~2000	±0.5	±1.2	±1.2	±3	±3

NO	DESCRIPTION	MATERIAL	QTY	SIZE	REMARK
1	LOAD LIMITER	-	1		
2	PUSH BOTTOM S/W	-	1		
3	SAFETY LANTH	SS400	1		
4	UPPER LIMIT S/W	SS400	1		
5	I-BEAM	SS400	1		



SPECIFICATION				
HOISTING LOAD			7500	KG
TESTING LOAD			9375	KG
LIFT			30	M
RATING			30	MIN
HOISTING	SPEED	HIGH	3.8	M/MIN
	LOW	2.8	M/MIN	
MOTOR	HIGH	5.5	KWx6P	
	LOW	4.2	KWx8P	
SPEED	HIGH	15	M/MIN	
	LOW	10	M/MIN	
TRAVERSING	DUAL HIGH	15/7.5	M/MIN	
	DUAL LOW	10/5	M/MIN	
MOTOR (2UNIT)	HIGH	0.75	KWx4P	
	LOW	0.5	KWx6P	
WIRE ROPE		DUAL HIGH	0.8/0.4 KWx4/8P	
		DUAL LOW	0.5/0.25 KWx6/12P	
			(6x37) ϕ 14x4FALLS	
POWER SOURCE			AC 3 ϕ 220, 380, 440, 460, 480V 60Hz	
COLOR			10 B 3/5	
WEIGHT			1320	KG

14.12.01	DATE	14.12.01	FIRST ISSUE	M.H.KIM	CHK.	APP.
No.	N/S	Scale	Section	Mass	kg	
REVISION RECORD						
ELECTRIC WIRE HOIST						
KD7.5-L30-M-H						
KUK DONG HOIST CO., LTD.						
KID						
국동호이스트 주식회사						
KUK DONG HOIST CO., LTD.						
KD75M3000H						

TRAVERSING I-BEAM A x B x t	Ix (Cm4)	Zx (Cm3)	SUPPORT LENGHT	C
J 300x150x10t	12700	849	MAX. 3.5M	500
J 350x150x12t	22400	1280	MAX. 5.0M	500
J 400x150x10t	24100	1200	MAX. 4.6M	500
J 450x175x13t	48800	2170	MAX. 7.4M	515
J 600x190x13t	94800	3280	MAX. 9.9M	530



2) 전 기



산업재해예방
안전보건공단
KOREA OCCUPATIONAL SAFETY & HEALTH AGENCY



KDSM0001

4	3	2	1	MK
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KOREA OCCUPATIONAL SAFETY & HEALTH AGENCY

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	HIGH 5.5KW x 6P 30 MIN	28.20 A	10.0 sq	16.30 A	6.0 sq	14.1 A	13.5 A	12.9 A	6.0 sq	DC MAG. BRAKE		
	LOW 4.2KW x 8P 30 MIN	23.00 A	10.0 sq	13.30 A	6.0 sq	11.5 A	11.0 A	10.5 A	6.0 sq	DC MAG. BRAKE		
TRAVERSING	HIGH 0.75KW x 4P 30 MIN	4.10 A	4.0 sq	2.40 A	4.0 sq	2.00 A	2.00 A	1.90 A	4.0 sq	DC MAG. BRAKE	2 DRIVE	
	LOW 0.5KW x 6P 30 MIN	3.40 A	4.0 sq	2.00 A	4.0 sq	1.70 A	1.70 A	1.60 A	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 38.40 A	16.0 sq	23.10 A	6.0 sq	20.10 A	19.50 A	18.70 A	6.0 sq	I(A)=M/H + T/S + ASS'Y		
SUB TOTAL (NORMAL LOAD)		LOW 31.80 A	16.0 sq	19.30 A	6.0 sq	16.90 A	16.40 A	15.70 A	6.0 sq	I(A)=M/H + T/S + ASS'Y		

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

*. 위 계산은 LIFT 9M에 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.

* CV CABLE 4C중 1C는 EARTH로 사용함.



1. 전기장비와 기계의 노출된 모든 도선부는 보호본딩회로에 연결되어야 하며 적절한 접지연속성 기능이 유지되어야함.
2. 보호본딩회로에는 개폐기, 과전류보호장치가 부착되지 않아야 한다.

— — — — — USER SCOPE

————— KUKDONG SCOPE

KD75-EC001

Technical drawing of a mechanical assembly, likely a pump or motor. The drawing includes three numbered callouts:

- 1: Points to the main cylindrical body of the assembly.
- 2: Points to the mounting bracket or base.
- 3: Points to the internal shaft or rotor assembly.

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

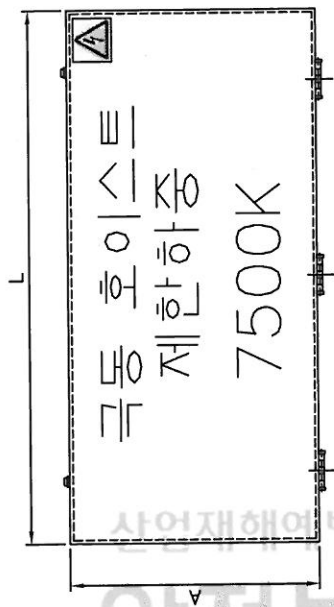
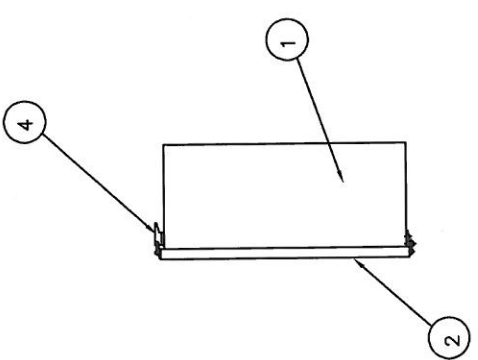
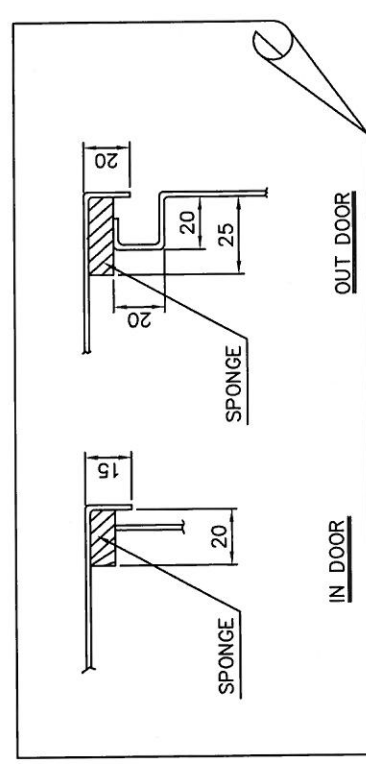
NO	CABLE				REMARK
	SIZE				
	TYPE	220V	380V	TYPE	
		10sqx4c	6.0sqx4c	440V,460V,480V	
1	VCT		6.0sqx5c	VCT	6.0sqx5c
2	VCT	4.0sqx4c+2.5sqx3c		VCT	4.0sqx4c+2.5sqx3c
3	VFCT	16sqx4c	6.0sqx4c	VFCT	6.0sqx4c

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

등전위점지

1. 전기장파와 기개의 노출된 모든 도전부는 보호분회로에 연결되어야 하며 적절한 접지연속성 기능이 유지되어야함.
2. 보호분회로에는 개폐기, 과전류보호장치가 부착되지 않아야 한다.

[illegible]

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20																																		
KD75EB00																			ADR'S NO.																																		
																																																					
																																																					
																																																					
<table border="1"><thead><tr><th>NO</th><th>DESCRIPTION</th><th>MT'L</th><th>REMARKS</th></tr></thead><tbody><tr><td>1</td><td>PANEL CASE</td><td>SPC</td><td>1.6t</td></tr><tr><td>2</td><td>PANEL COVER</td><td>SPC</td><td>1.6t</td></tr><tr><td>3</td><td>HINGE</td><td>PUR'</td><td></td></tr><tr><td>4</td><td>CLAMP</td><td>PUR'</td><td></td></tr><tr><td>5</td><td>SPONGE</td><td>PUR'</td><td></td></tr></tbody></table>																			NO	DESCRIPTION	MT'L	REMARKS	1	PANEL CASE	SPC	1.6t	2	PANEL COVER	SPC	1.6t	3	HINGE	PUR'		4	CLAMP	PUR'		5	SPONGE	PUR'												
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4	CLAMP	PUR'																																																			
5	SPONGE	PUR'																																																			
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 μm 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 외접 접촉 방호가 되어있을것.																																																					
<table border="1"><thead><tr><th rowspan="2">SELECTION</th><th rowspan="2">HOIST CAPACITY</th><th rowspan="2">DESCRIPTION</th><th colspan="3">IN DOOR</th><th colspan="3">OUT DOOR</th><th rowspan="2">REMARK</th></tr><tr><th>A</th><th>B</th><th>L</th><th>A</th><th>B</th><th>L</th></tr></thead><tbody><tr><td rowspan="2"></td><td rowspan="2">7.5 TON</td><td>NORMAL</td><td>360</td><td>170</td><td>790</td><td>360</td><td>170</td><td>810</td><td></td></tr><tr><td>CREEP</td><td>360</td><td>170</td><td>790</td><td>360</td><td>170</td><td>810</td><td></td></tr></tbody></table>																			SELECTION	HOIST CAPACITY	DESCRIPTION	IN DOOR			OUT DOOR			REMARK	A	B	L	A	B	L		7.5 TON	NORMAL	360	170	790	360	170	810		CREEP	360	170	790	360	170	810		
SELECTION	HOIST CAPACITY	DESCRIPTION	IN DOOR			OUT DOOR			REMARK																																												
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<table border="1"><thead><tr><th colspan="6">KUK DONG HOIST CO., LTD.</th><th>DWG. NO</th><th>KD75EB00</th></tr></thead><tbody><tr><td colspan="6">극동호이스트 주식회사</td><td></td><td></td></tr></tbody></table>																			KUK DONG HOIST CO., LTD.						DWG. NO	KD75EB00	극동호이스트 주식회사																										
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1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20																																										
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TRAVELLING POWER SUPPLY SYSTEM																																																													
POWER SOURCE AC 3ϕ 60Hz <table border="1"> <thead> <tr> <th>SELECTION</th> <th>VOLTAGE</th> <th>F11</th> <th>F12</th> <th>F13</th> <th>MCCB100</th> <th>TR10</th> </tr> </thead> <tbody> <tr> <td></td> <td>220V</td> <td>2A</td> <td>3A</td> <td>3A</td> <td>53AF/40AT</td> <td>220/110,120V 100VA</td> </tr> <tr> <td></td> <td>380V</td> <td>1A</td> <td>3A</td> <td>3A</td> <td>33AF/30AT</td> <td>380/110,120V 100VA</td> </tr> <tr> <td></td> <td>440V</td> <td>1A</td> <td>3A</td> <td>3A</td> <td>33AF/30AT</td> <td>440/110,120V 100VA</td> </tr> <tr> <td></td> <td>460V</td> <td>1A</td> <td>3A</td> <td>3A</td> <td>33AF/30AT</td> <td>460/110,120V 100VA</td> </tr> <tr> <td></td> <td>480V</td> <td>1A</td> <td>3A</td> <td>3A</td> <td>33AF/30AT</td> <td>480/110,120V 100VA</td> </tr> </tbody> </table> OWNER SCOPE - 전선의 색상은 다음과 같다. - 표시등의 색상은 다음과 같다. - 조작 버튼의 색상은 다음과 같다. 1) 흑 색 : 교류 및 직류전원선 2) 적 색 : 교류제어선 3) 청 색 : 직류제어선 4) 녹색 또는 녹색과 황색 혼용 : 접지 5) 흰색 : 중립 1) 적 색 : 비상 2) 황 색 : 비상 3) 청 색 : 의무 4) 녹색 또는 녹색과 황색 혼용 : 접지 5) 흰색 : 중립 MARKED OWNER SCOPE - EARTH : 제 3종접지 공사(400V 미만전압 : 100 OHM 이하) 제 3종접지 공사(400V 이상전압 : 10 OHM 이하)																				SELECTION	VOLTAGE	F11	F12	F13	MCCB100	TR10		220V	2A	3A	3A	53AF/40AT	220/110,120V 100VA		380V	1A	3A	3A	33AF/30AT	380/110,120V 100VA		440V	1A	3A	3A	33AF/30AT	440/110,120V 100VA		460V	1A	3A	3A	33AF/30AT	460/110,120V 100VA		480V	1A	3A	3A	33AF/30AT	480/110,120V 100VA
SELECTION	VOLTAGE	F11	F12	F13	MCCB100	TR10																																																							
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	380V	1A	3A	3A	33AF/30AT	380/110,120V 100VA																																																							
	440V	1A	3A	3A	33AF/30AT	440/110,120V 100VA																																																							
	460V	1A	3A	3A	33AF/30AT	460/110,120V 100VA																																																							
	480V	1A	3A	3A	33AF/30AT	480/110,120V 100VA																																																							
ADR'S NO. A1																																																													

산업재해예방
안전보건공단

KOREA OCCUPATIONAL SAFETY & HEALTH AGENCY

한국산업안전보건공단

192.168.11.83 / 2014-12-31 14:56:31

KOREA OCCUPATIONAL SAFETY & HEALTH AGENCY



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

NOTE 1. 전선의 색상은 다음과 같다.

- 1) 흑 색 : 고무 및 자류 천연신토
2) 파 색 : 고무제어신
3) 황 색 : 외부에서 공급되는 연동장치 제어회로
4) 녹색 또는 녹색과 노랑 혼용 : 접지선
- CABLE MATERIAL : KIV OR EQUIVALENT
MIN SIZE : 2.5sq
- 제어용 전선 : 2.5mm KIV,HIV
제막시 다소 변경 될수있음.
외함 개방구조는 다음과 같음것.
- 1) 외함 개방시 충전부분이 차단되도록 할것.
2) 외함 개방후 충전되어있는 부분은 IP2X 이상의 차단 전압 보호가 되어

[illegible]

KOREA OCCUPATIONAL SAFETY & HEALTH AGENCY

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1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20.				
																			ADR'S NO.				
																			NO	DESCRIPTION	SPECIFICATION	Q'TY	REMARK
																			1	CHASSIS PLATE		1	아 연 도 금
																			2	CABLE DUCT	-	1	
																			3	N.F.B	33AF/30AT	1	HOISTING
																			4	MAGNET CONTACTOR	DMC32C	1	MAIN MAG.
																			5	MAGNET CONTACTOR	DMC48C	2	HOISTING
																			6	MAGNET CONTACTOR	DMC22C	2	TRAVERSING
																			7	SILICON RECTIFIER	SR-60	1	HOISTING
																			8	SILICON RECTIFIER	SR-30	1	TRAVERSING
																			9	E.O.C.R	SS-30	1	HOISTING
																			10	E.O.C.R	SS-05	1	TRAVERSING
																			11	FUSE	1 A	2	
																			12	FUSE	3 A	1	
																			13	TRANSFORMER	480V/110V,120V, 100VA	1	
																			14	UPPER LIMIT	AC 600V/75A	1	
																			15	TERMINAL BLOCK	60A,15A		
16	EARTH TERMINAL	3tx20x50	1																				

NOTE 1. 전선의 색상은 다음과 같다.

1) 흑 색 : 교류 및 직류 전원선으로 5) 청색 : 직류 제어선으로

2) 회 색 : 교류제어선

3) 주황색 : 외부에서 공급되는 전동장치 제어회로

4) 녹색 또는 녹색과 황색 혼용 : 접지선

2. CABLE MATERIAL : KIV OR EQUIVALENT

3. 제어용 전선 : 2.5mm KIV,HIV

4. 제라시 다소 변경 필수있음.

5. 외함 개방시 충전부분이 차단되도록 할것.

1) 외함 개방후 충전되어있는 부분은 IP2X 이상의 직접 접촉 방호가 되어있을것.

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

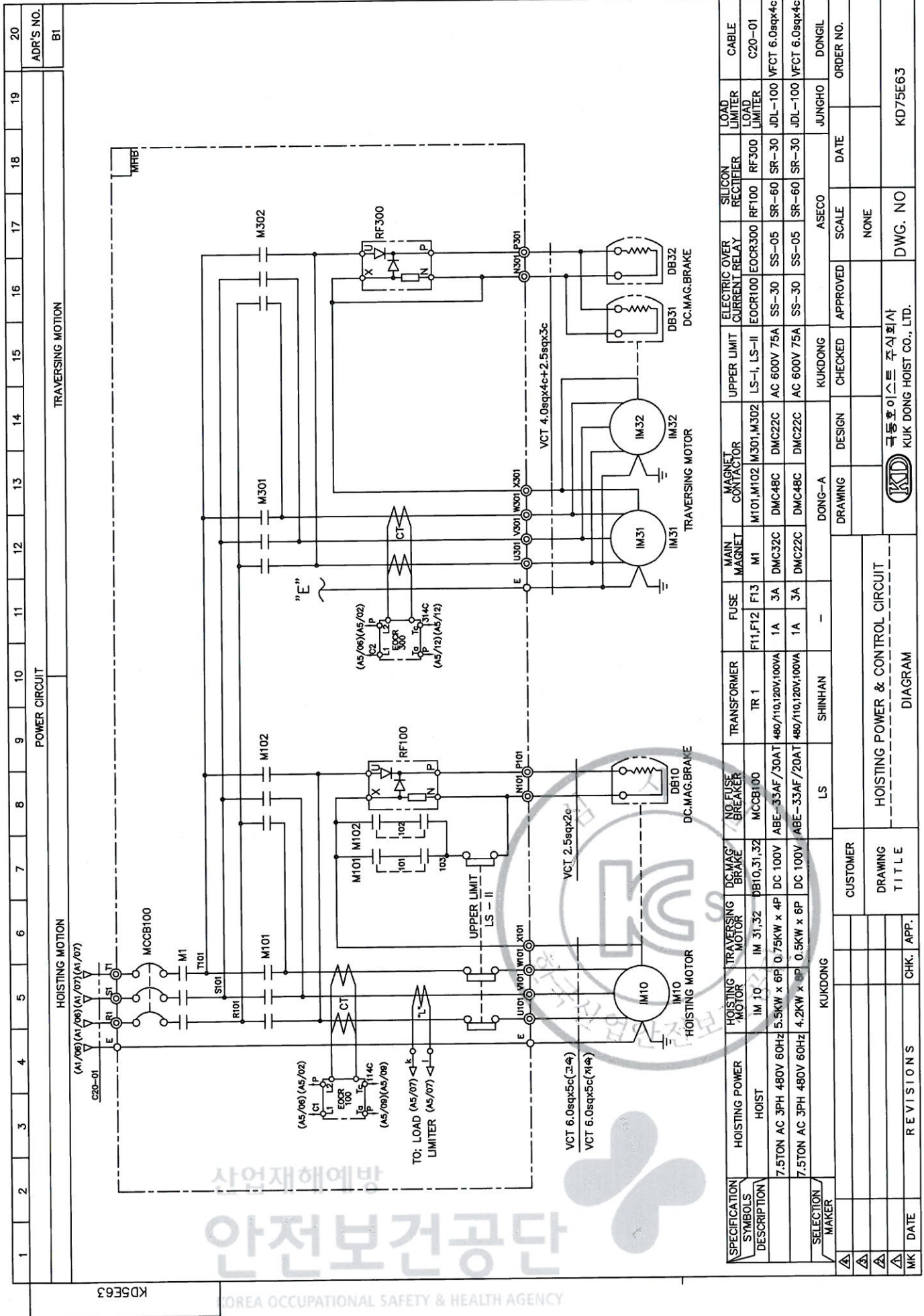
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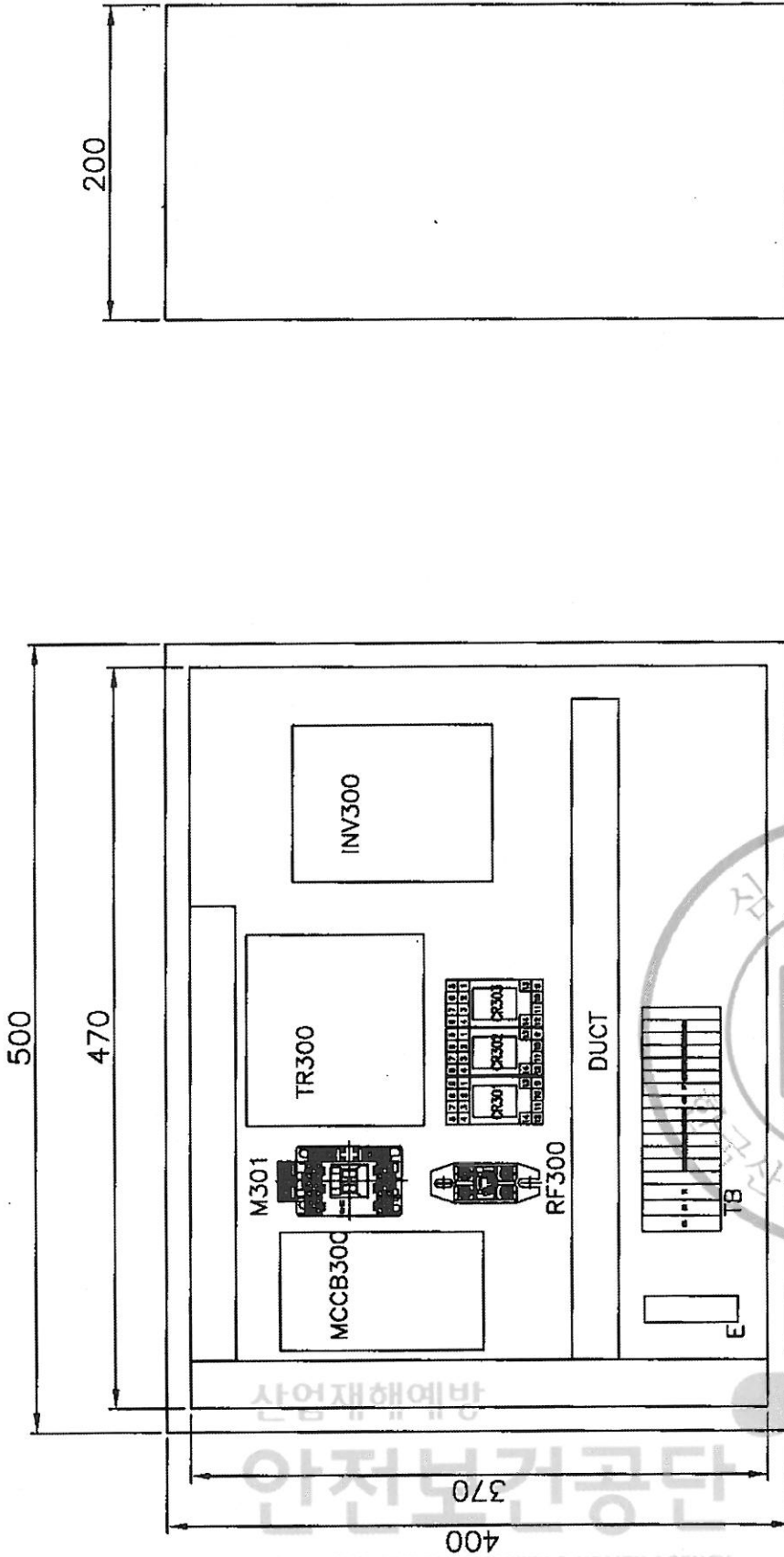
1. UPPER LIMIT LS-1,LS-2의 접점 허용 전류 용량 : AC 600V, 75A

2. POWER SOURCE : AC. 3ø 480V 60Hz

3. EARTH TERMINAL RESISTANCE : 0.018Ω

DRAWING		DESIGN	CHECKED	APPROVED	SCALE	DATE	ORDER NO.
HOIST CONTROL BOX (고속)					NONE		
ARRANGEMENT DRAWING		KUK DONG HOIST CO., LTD.			DWG. NO	KD75BA61	

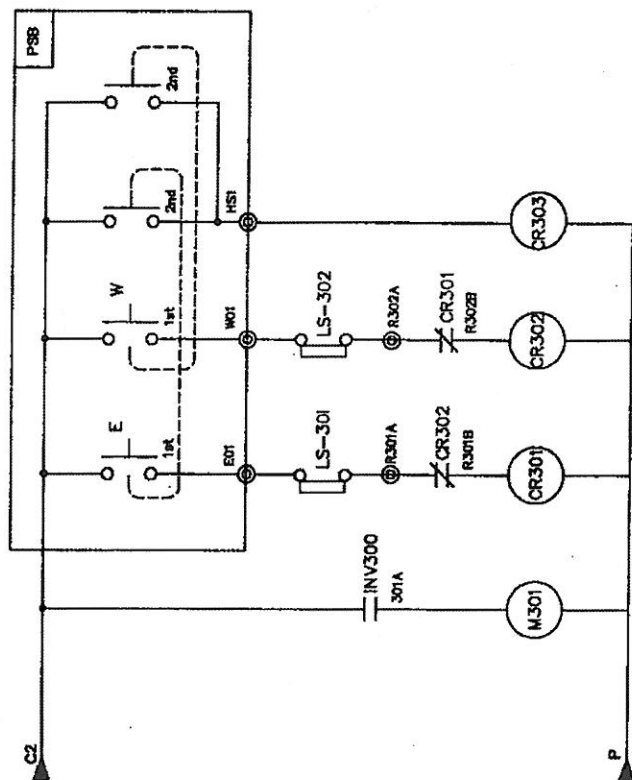




R1	S1	T1
USDV301W30	P30A30	C3
E01	A0000	M01
161		

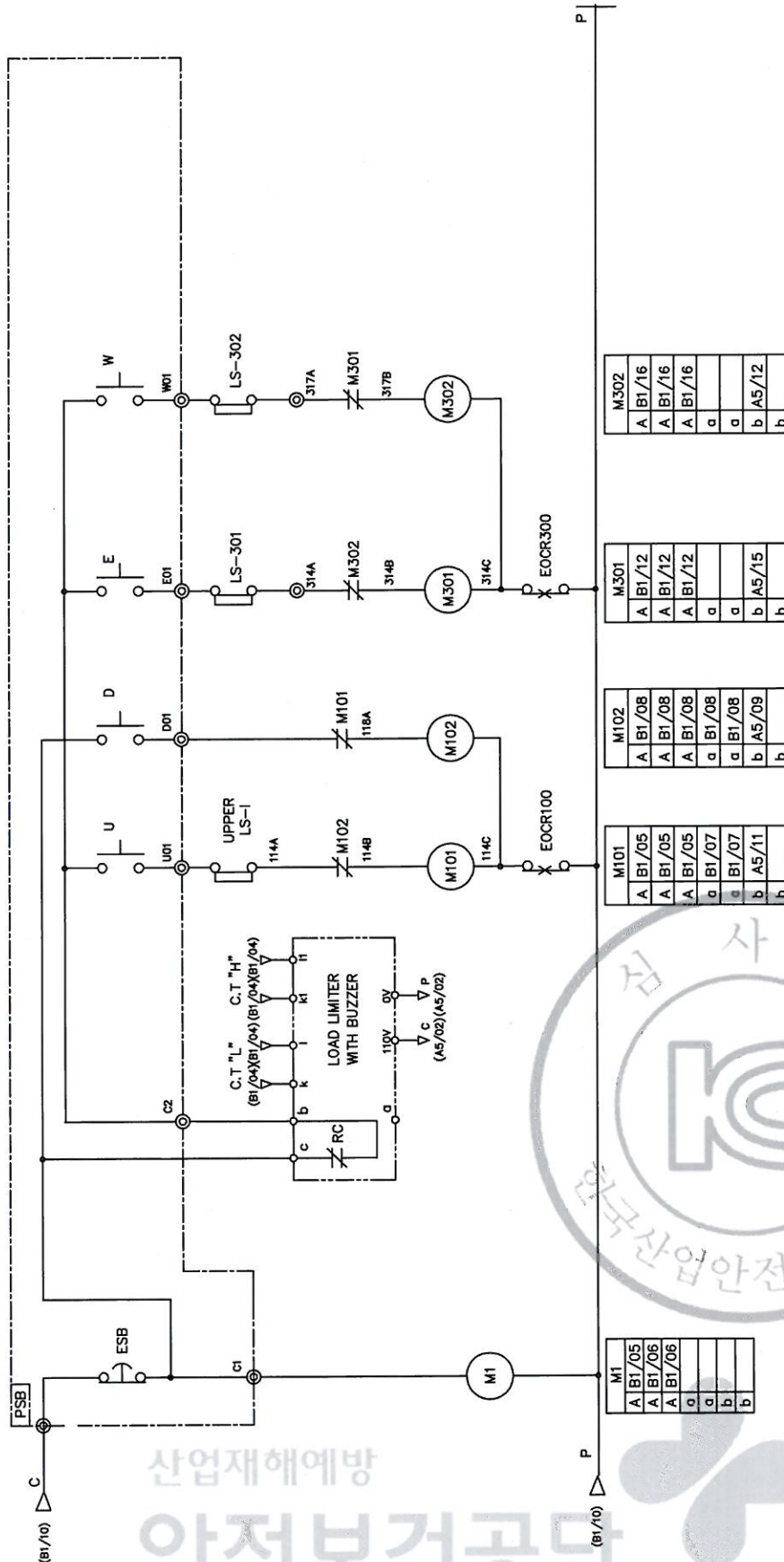
11	EARTH BUS BAR	PUR	1		
10	DUCT	PUR	1		
9	TERMINAL BLOCK	PUR	1		
8	INVERTER	PUR	1		
7	TR	PUR	1		
6	RELAY & SCKET	PUR	1		
5	RF	PUR	1		
4	MC	PUR	1		
3	MCCB	PUR	1		

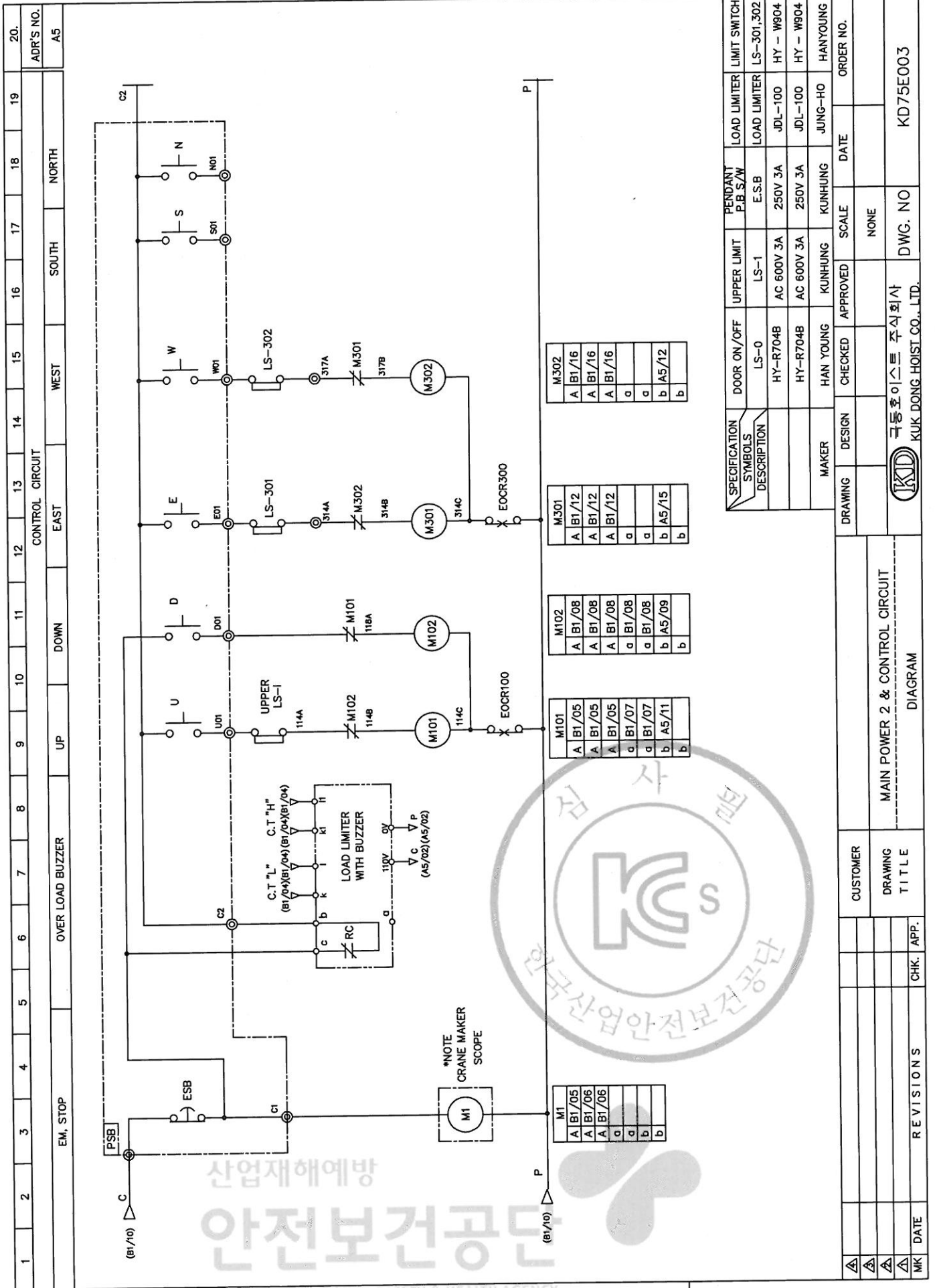
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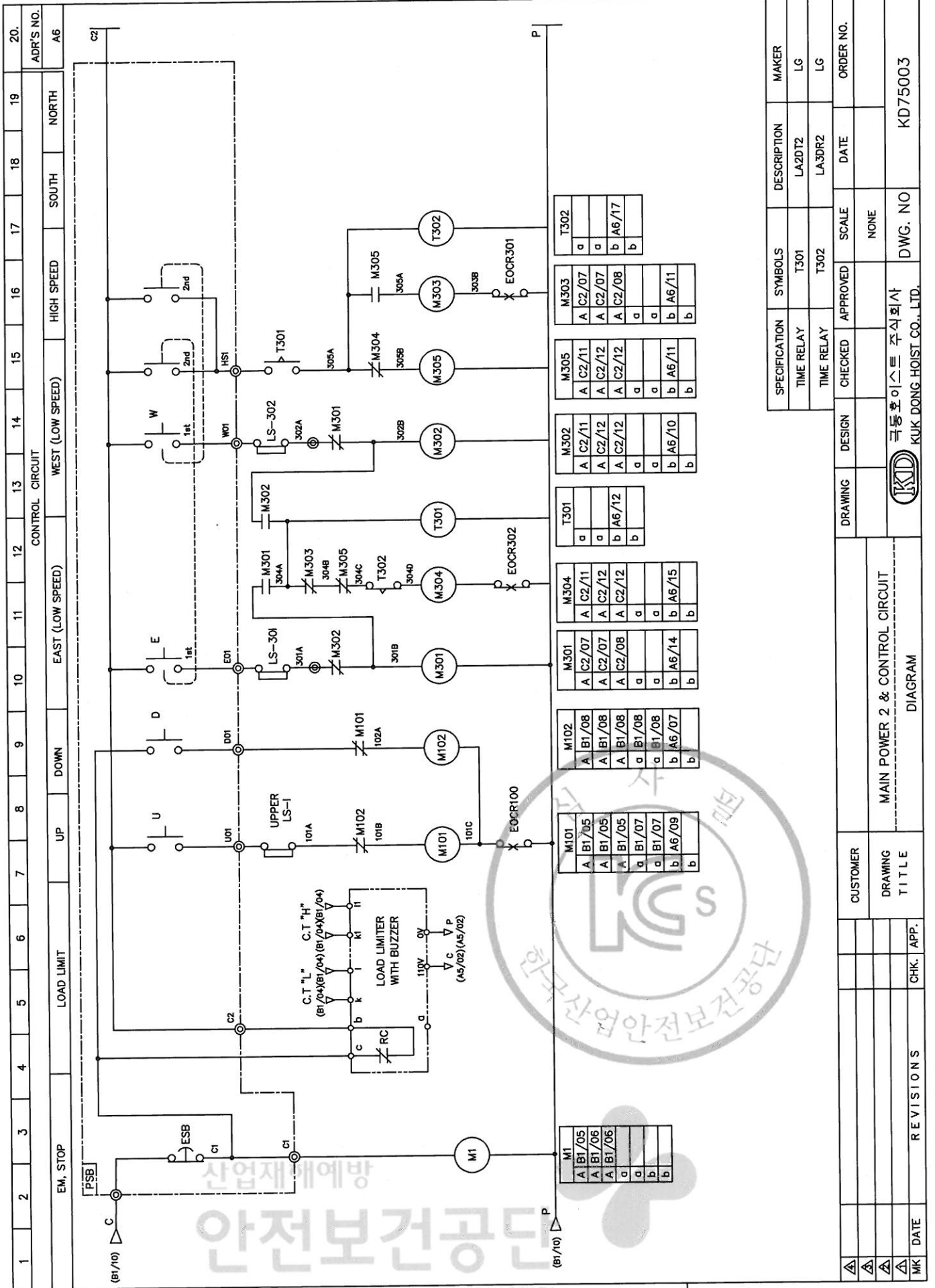
SPECIFICATION SYMBOLS	TRAVERSING POWER	TRAVERSING MOTOR	DC MAG BRAKE	NO FUSE BREAKER	TRANSFORMER	BRAKE MAGNET	CONTROL RELAY	INVERTER	SILICON RECTIFIER
DESCRIPTION		IM 30.31 AC 3PH 220V 60Hz	DB30.31 DC 100V	MCCB300 DBE-33AF/15AT	TR 300 220/220V,300VA	M301 DM-22C	CR301,302,303 MINI 4a4b(Coll AC110V)	INV300 SV022IGSA-2	RF 300 SR-30
SELECTION MAKER		AC 3PH 380(440,460,480)V 60Hz	DC 100V	DBE-33AF/10AT	380(440,460,480)/220V,300VA	DM-22C	MINI 4a4b(Coll AC110V)	SV022IGSA-4	SR-30
KUK DONG HOIST									
CUSTOMER	INVERTER CONTROL								
DRAWING TITLE	TRAVERSING POWER & CONTROL CIRCUIT								
REVISIONS	CHK.	APP.	DIAGRAM						
DATE	DWG NO KUD75EI003								

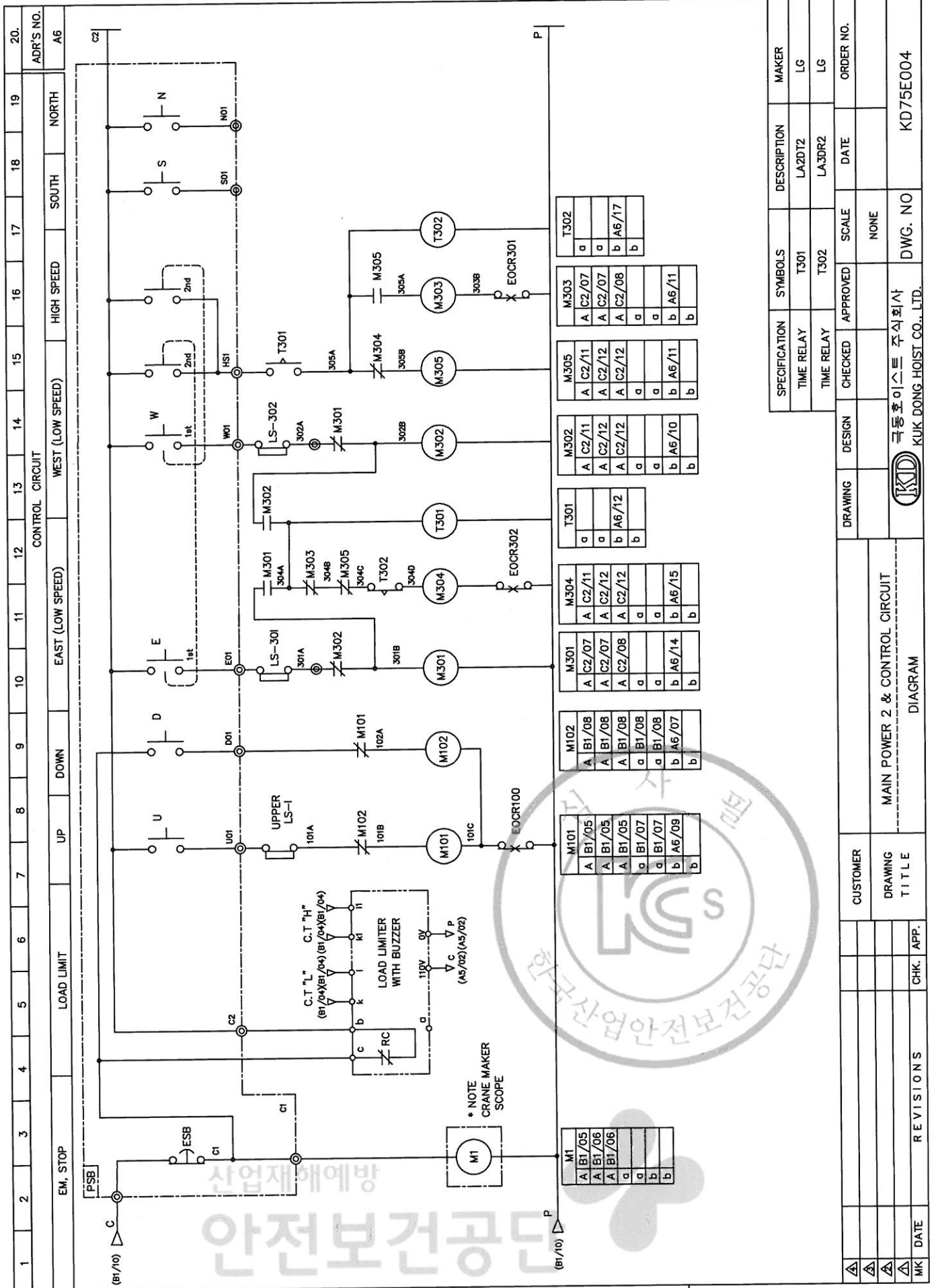
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20.
EM, STOP OVER LOAD BUZZER UP DOWN EAST WEST																			
CONTROL CIRCUIT																			
ADR'S NO.																			
A5																			

[illegible]



산업재해예방
안전보건공단





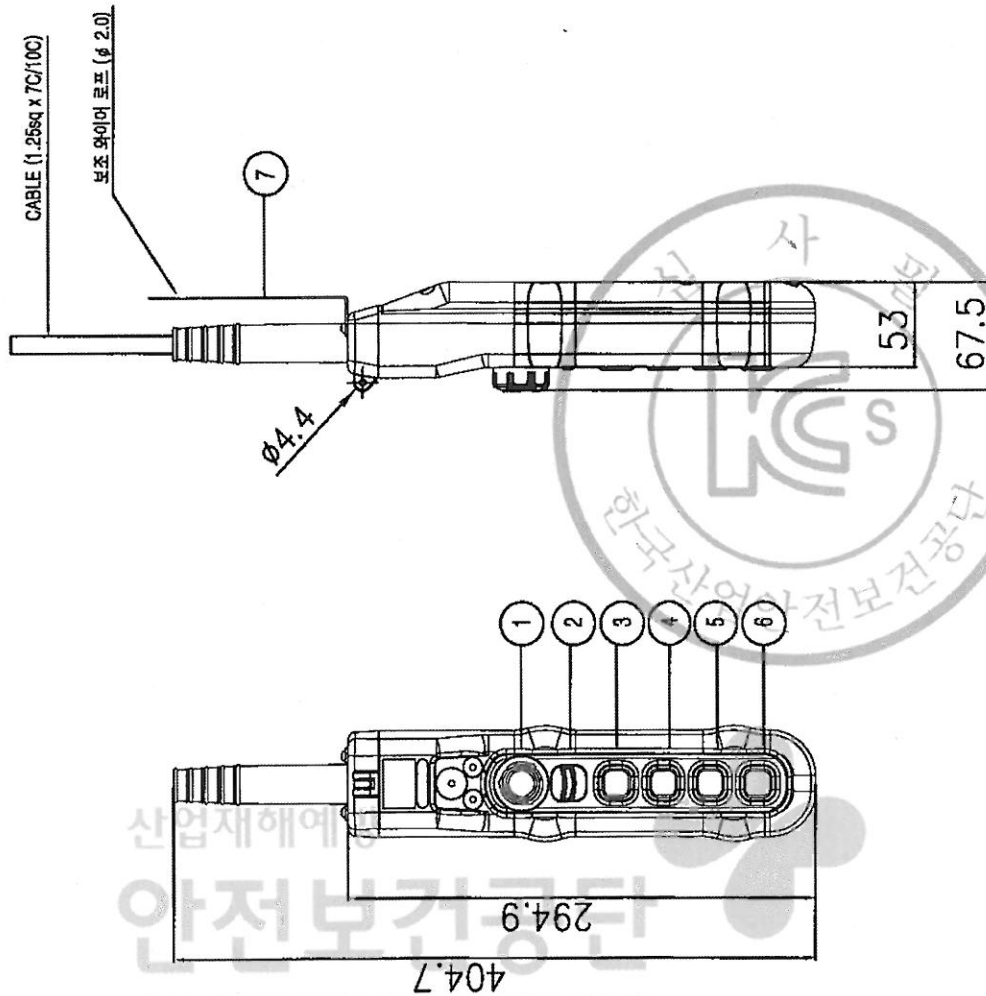
색상	구분	조작버튼	표시등
적색		비상	비상
황색		비정상	비정상
녹색		정상	정상
청색		의무	의무
흰색, 회색 - 흑색		지정된의미없음	기타

* MATERIAL : POLYCARBOBATE(PLASTIC)

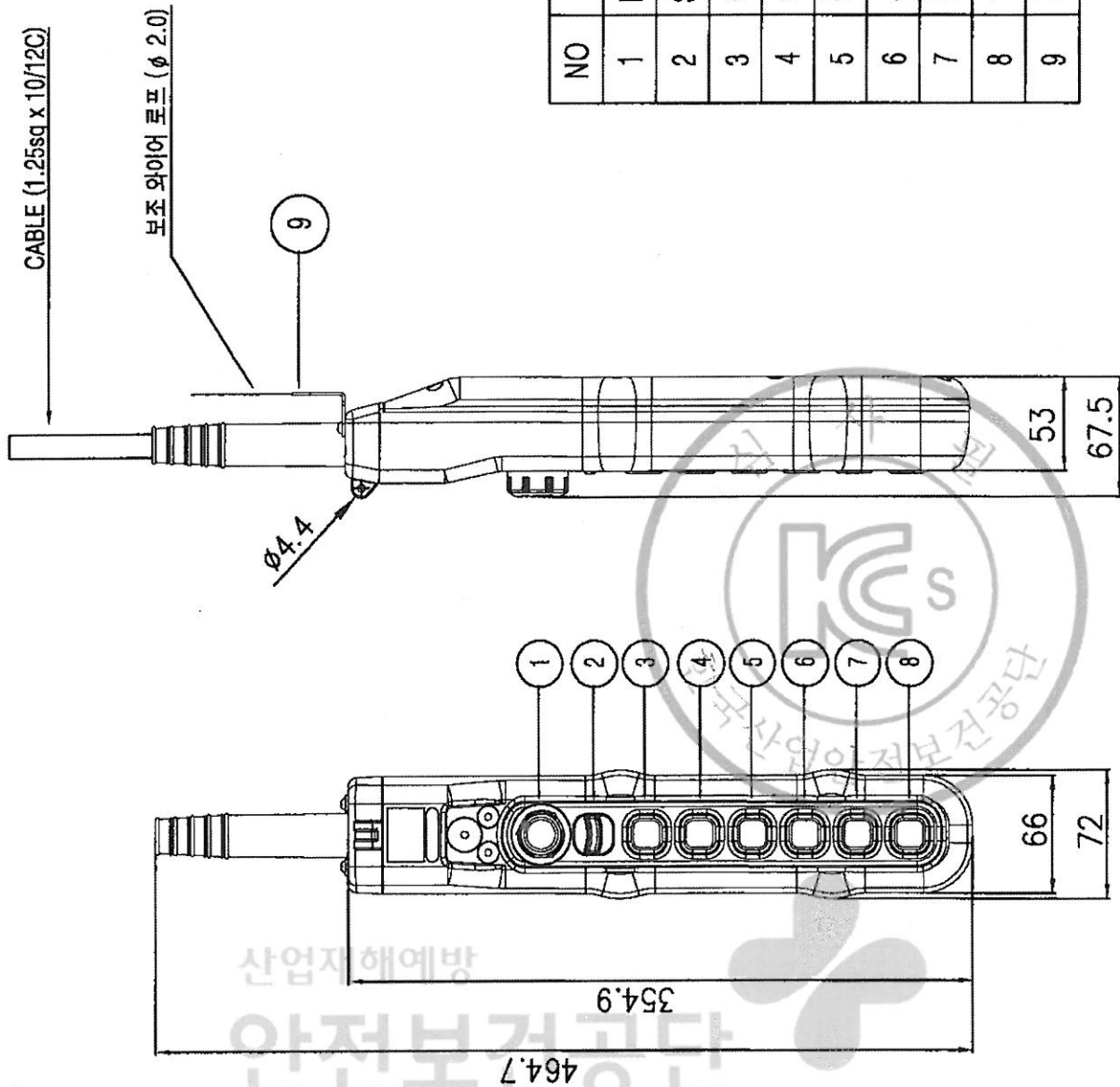
* BODY COLOR : YELLOW, BLACK

* IP : 55 이상

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



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



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

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

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

Δ	CUSTOMER	DRAWING	DESIGN	CHECKED	APPROVED	SCALE	DATE
Δ		PENDANT PUSH BUTTON SWITCH					
Δ		LAY OUT					
MK	DATE	REVISIONS	CHK.	APP.	DWG. NO		

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

* POWER SOURCE : AC 3Φ 220V 60Hz

극동하이스트(주)

HOIST	MOTOR 용량	LOAD LIMITER 권고 SETTING치			LOAD CURRENT		C.T MODEL	연결단자 NO	C.T 용량	REMARK
		LOAD CURRENT	ADJ START TIME	SHOCK TIME	100%	110%				
0.5 TON	1.2KW x 8P	110%	1 SEC	1 SEC	8.0 A	9.0 A	CT-1	K, L	5 V.A	
	1.5KW x 6P	110%	1 SEC	1 SEC	7.6 A	8.4 A	CT-1	K, L	5 V.A	
	2.4KW x 4P	110%	1 SEC	1 SEC	10 A	11.2 A	CT-1	K, L	5 V.A	
1 TON	1.2KW x 8P	110%	1 SEC	1 SEC	8.0 A	9.0 A	CT-1	K, L	5 V.A	
	1.5KW x 6P	110%	1 SEC	1 SEC	7.6 A	8.4 A	CT-1	K, L	5 V.A	
	2.4KW x 4P	110%	1 SEC	1 SEC	10 A	11.2 A	CT-1	K, L	5 V.A	
2 TON	1.8KW x 8P	110%	1 SEC	1 SEC	11.0 A	12.2 A	CT-1	K, L	5 V.A	
	2.5KW x 6P	110%	1 SEC	1 SEC	12.0 A	13.2 A	CT-1	K, L	5 V.A	
	3.7KW x 4P	110%	1 SEC	1 SEC	16.0 A	17.6 A	CT-1	K, L	5 V.A	
2.8 TON	2.5KW x 8P	110%	1 SEC	1 SEC	17.7 A	19.5 A	CT-1	K, L	5 V.A	
	5.0KW x 4P	110%	1 SEC	1 SEC	22.8 A	25.0 A	CT-1	K, L	5 V.A	
	2.8KW x 8P	110%	1 SEC	1 SEC	17.7 A	19.5 A	CT-1	K, L	5 V.A	
3 TON	5.5KW x 4P	110%	1 SEC	1 SEC	22.8 A	25.0 A	CT-1	K, L	5 V.A	
	4.2KW x 8P	110%	1 SEC	1 SEC	23.0 A	25.3 A	CT-1	K, L	5 V.A	
	5.5KW x 6P	110%	1 SEC	1 SEC	28.2 A	31.0 A	CT-1	K, L	5 V.A	
5 TON	8.5KW x 4P	110%	1 SEC	1 SEC	34.4 A	38.4 A	CT-1	K, L	5 V.A	
	4.2KW x 8P	110%	1 SEC	1 SEC	23.0 A	25.3 A	CT-1	K, L	5 V.A	
	5.5KW x 6P	110%	1 SEC	1 SEC	28.2 A	31.0 A	CT-1	K, L	5 V.A	

NOTE

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



LOAD LIMITER 권고 SETTING치

* POWER SOURCE : AC 3Φ 380V 60Hz

극동하이스트(주)

HOIST	MOTOR 용량	LOAD LIMITER 권고 SETTING치			LOAD CURRENT		C.T MODEL	연결단자 NO	C.T 용량	REMARK
		LOAD CURRENT	ADJ START TIME	SHOCK TIME	100%	110%				
0.5 TON	1.2KW x 8P	110%	1 SEC	1 SEC	4.6 A	5.2 A	CT-1	K, L	5 V.A	
	1.5KW x 6P	110%	1 SEC	1 SEC	5.4 A	4.9 A	CT-1	K, L	5 V.A	
	2.4KW x 4P	110%	1 SEC	1 SEC	5.6 A	6.4 A	CT-1	K, L	5 V.A	
1 TON	1.2KW x 8P	110%	1 SEC	1 SEC	4.6 A	5.2 A	CT-1	K, L	5 V.A	
	1.5KW x 6P	110%	1 SEC	1 SEC	5.4 A	4.9 A	CT-1	K, L	5 V.A	
	2.4KW x 4P	110%	1 SEC	1 SEC	5.6 A	6.4 A	CT-1	K, L	5 V.A	
2 TON	1.8KW x 8P	110%	1 SEC	1 SEC	6.4 A	7.1 A	CT-1	K, L	5 V.A	
	2.5KW x 6P	110%	1 SEC	1 SEC	7.0 A	7.7 A	CT-1	K, L	5 V.A	
	3.7KW x 4P	110%	1 SEC	1 SEC	9.3 A	10.3 A	CT-1	K, L	5 V.A	
2.8 TON	2.5KW x 8P	110%	1 SEC	1 SEC	10.3 A	11.4 A	CT-1	K, L	5 V.A	
	5.0KW x 4P	110%	1 SEC	1 SEC	12.2 A	13.5 A	CT-1	K, L	5 V.A	
	2.8KW x 8P	110%	1 SEC	1 SEC	10.3 A	11.4 A	CT-1	K, L	5 V.A	
3 TON	5.5KW x 4P	110%	1 SEC	1 SEC	12.2 A	13.5 A	CT-1	K, L	5 V.A	
	4.2KW x 8P	110%	1 SEC	1 SEC	13.3 A	14.6 A	CT-1	K, L	5 V.A	
	5.5KW x 6P	110%	1 SEC	1 SEC	19.9 A	23.1 A	CT-1	K, L	5 V.A	
5 TON	8.5KW x 4P	110%	1 SEC	1 SEC	16.3 A	18.0 A	CT-1	K, L	5 V.A	
	4.2KW x 8P	110%	1 SEC	1 SEC	13.3 A	14.6 A	CT-1	K, L	5 V.A	
	5.5KW x 6P	110%	1 SEC	1 SEC	16.3 A	23.1 A	CT-1	K, L	5 V.A	

NOTE

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

LOAD LIMITER 권고 SETTING치

* POWER SOURCE : AC 3Φ 440V 60Hz

국동호이스트㈜

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%				
0.5 TON	1.2KW x 8P	110%	1 SEC	1 SEC	4.0 A	4.6 A	CT-1	K, L	5 V.A	
	1.5KW x 6P	110%	1 SEC	1 SEC	3.8 A	4.5 A	CT-1	K, L	5 V.A	
	2.4KW x 4P	110%	1 SEC	1 SEC	5.0 A	5.9 A	CT-1	K, L	5 V.A	
1 TON	1.2KW x 8P	110%	1 SEC	1 SEC	4.0 A	4.6 A	CT-1	K, L	5 V.A	
	1.5KW x 6P	110%	1 SEC	1 SEC	3.8 A	4.5 A	CT-1	K, L	5 V.A	
	2.4KW x 4P	110%	1 SEC	1 SEC	5.0 A	5.9 A	CT-1	K, L	5 V.A	
2 TON	1.8KW x 8P	110%	1 SEC	1 SEC	5.5 A	6.1 A	CT-1	K, L	5 V.A	
	2.5KW x 6P	110%	1 SEC	1 SEC	5.8 A	6.4 A	CT-1	K, L	5 V.A	
	3.7KW x 4P	110%	1 SEC	1 SEC	8.0 A	10.8 A	CT-1	K, L	5 V.A	
2.8 TON	2.5KW x 8P	110%	1 SEC	1 SEC	8.9 A	9.8 A	CT-1	K, L	5 V.A	
	5.0KW x 4P	110%	1 SEC	1 SEC	10.5 A	11.6 A	CT-1	K, L	5 V.A	
	2.8KW x 8P	110%	1 SEC	1 SEC	8.9 A	9.8 A	CT-1	K, L	5 V.A	
3 TON	5.5KW x 4P	110%	1 SEC	1 SEC	10.5 A	11.6 A	CT-1	K, L	5 V.A	
	4.2KW x 8P	110%	1 SEC	1 SEC	11.5 A	12.7 A	CT-1	K, L	5 V.A	
	5.5KW x 6P	110%	1 SEC	1 SEC	14.1 A	15.5 A	CT-1	K, L	5 V.A	
5 TON	8.5KW x 4P	110%	1 SEC	1 SEC	16.5 A	20.5 A	CT-1	K, L	5 V.A	
	4.2KW x 8P	110%	1 SEC	1 SEC	11.5 A	12.7 A	CT-1	K, L	5 V.A	
	5.5KW x 6P	110%	1 SEC	1 SEC	14.1 A	15.5 A	CT-1	K, L	5 V.A	

NOTE

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

LOAD LIMITER 권고 SETTING치

극동하이스트(주)

* POWER SOURCE : AC 3Φ 460V 60Hz

HOIST	MOTOR 용량	LOAD LIMITER 권고 SETTING치			LOAD CURRENT		C.T MODEL	연결단자 NO	C.T 용량	REMARK
		LOAD CURRENT	ADJ START TIME	SHOCK TIME	100%	110%				
0.5 TON	1.2KW x 8P	110%	1 SEC	1 SEC	3.8 A	4.4 A	CT-1	K, L	5 V.A	
	1.5KW x 6P	110%	1 SEC	1 SEC	3.6 A	4.1 A	CT-1	K, L	5 V.A	
	2.4KW x 4P	110%	1 SEC	1 SEC	4.8 A	5.2 A	CT-1	K, L	5 V.A	
1 TON	1.2KW x 8P	110%	1 SEC	1 SEC	3.8 A	4.4 A	CT-1	K, L	5 V.A	
	1.5KW x 6P	110%	1 SEC	1 SEC	3.6 A	4.1 A	CT-1	K, L	5 V.A	
	2.4KW x 4P	110%	1 SEC	1 SEC	4.8 A	5.2 A	CT-1	K, L	5 V.A	
2 TON	1.8KW x 8P	110%	1 SEC	1 SEC	5.3 A	5.9 A	CT-1	K, L	5 V.A	
	2.5KW x 6P	110%	1 SEC	1 SEC	5.5 A	6.1 A	CT-1	K, L	5 V.A	
	3.7KW x 4P	110%	1 SEC	1 SEC	7.7 A	8.5 A	CT-1	K, L	5 V.A	
2.8T	2.5KW x 8P	110%	1 SEC	1 SEC	7.7 A	8.5 A	CT-1	K, L	5 V.A	
	5.0KW x 4P	110%	1 SEC	1 SEC	10.0 A	11.5 A	CT-1	K, L	5 V.A	
	2.8KW x 8P	110%	1 SEC	1 SEC	7.7 A	8.5 A	CT-1	K, L	5 V.A	
3TON	5.5KW x 4P	110%	1 SEC	1 SEC	10.0 A	11.5 A	CT-1	K, L	5 V.A	
	4.2KW x 8P	110%	1 SEC	1 SEC	11.0 A	12.2 A	CT-1	K, L	5 V.A	
	5.5KW x 6P	110%	1 SEC	1 SEC	13.5 A	14.7 A	CT-1	K, L	5 V.A	
5 TON	8.5KW x 4P	110%	1 SEC	1 SEC	16.5 A	20.5 A	CT-1	K, L	5 V.A	
	4.2KW x 8P	110%	1 SEC	1 SEC	11.0 A	12.2 A	CT-1	K, L	5 V.A	
	5.5KW x 6P	110%	1 SEC	1 SEC	13.5 A	14.7 A	CT-1	K, L	5 V.A	

NOTE

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

LOAD LIMITER 권고 SETTING치

* POWER SOURCE : AC 3Φ 480V 60Hz

극동하이스트(주)

HOIST	MOTOR 용량	LOAD LIMITER 권고 SETTING치			LOAD CURRENT		C.T MODEL	연결단자 NO	C.T 용량	REMARK
		LOAD CURRENT	ADJ START TIME	SHOCK TIME	100%	110%				
0.5 TON	1.2KW x 8P	110%	1 SEC	1 SEC	3.6 A	4.2 A	CT-1	K, L	5 V.A	
	1.5KW x 6P	110%	1 SEC	1 SEC	3.5 A	3.9 A	CT-1	K, L	5 V.A	
	2.4KW x 4P	110%	1 SEC	1 SEC	4.6 A	5.1 A	CT-1	K, L	5 V.A	
1 TON	1.2KW x 8P	110%	1 SEC	1 SEC	3.6 A	4.2 A	CT-1	K, L	5 V.A	
	1.5KW x 6P	110%	1 SEC	1 SEC	3.5 A	3.9 A	CT-1	K, L	5 V.A	
	2.4KW x 4P	110%	1 SEC	1 SEC	4.6 A	5.1 A	CT-1	K, L	5 V.A	
2 TON	1.8KW x 8P	110%	1 SEC	1 SEC	5.1 A	5.8 A	CT-1	K, L	5 V.A	
	2.5KW x 6P	110%	1 SEC	1 SEC	5.3 A	6.0 A	CT-1	K, L	5 V.A	
	3.7KW x 4P	110%	1 SEC	1 SEC	7.3 A	8.2 A	CT-1	K, L	5 V.A	
2.8 TON	2.5KW x 8P	110%	1 SEC	1 SEC	7.3 A	8.2 A	CT-1	K, L	5 V.A	
	5.0KW x 4P	110%	1 SEC	1 SEC	9.6 A	11.2 A	CT-1	K, L	5 V.A	
	2.8KW x 8P	110%	1 SEC	1 SEC	7.3 A	8.2 A	CT-1	K, L	5 V.A	
3 TON	5.5KW x 4P	110%	1 SEC	1 SEC	9.6 A	11.2 A	CT-1	K, L	5 V.A	
	4.2KW x 8P	110%	1 SEC	1 SEC	10.5 A	12.0 A	CT-1	K, L	5 V.A	
	5.5KW x 6P	110%	1 SEC	1 SEC	12.9 A	14.2 A	CT-1	K, L	5 V.A	
5 TON	8.5KW x 4P	110%	1 SEC	1 SEC	15.8 A	19.9 A	CT-1	K, L	5 V.A	
	4.2KW x 8P	110%	1 SEC	1 SEC	10.5 A	12.0 A	CT-1	K, L	5 V.A	
	5.5KW x 6P	110%	1 SEC	1 SEC	12.9 A	14.2 A	CT-1	K, L	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	
0.5 TON	1.2KW x 8P	8.0 A	1 DRIVE	SS-30	3 SEC	1 SEC	8.0 A	
	1.5KW x 6P	7.6 A	1 DRIVE	SS-30	3 SEC	1 SEC	7.6 A	
	2.4KW x 4P	10.0 A	1 DRAVE	SS-30	3 SEC	1 SEC	10.0 A	
1 TON	1.2KW x 8P	8.0 A	1 DRIVE	SS-30	3 SEC	1 SEC	8.0 A	
	1.5KW x 6P	7.6 A	1 DRIVE	SS-30	3 SEC	1 SEC	7.6 A	
	2.4KW x 4P	10.0 A	1 DRAVE	SS-30	3 SEC	1 SEC	10.0 A	
2 TON	1.8KW x 8P	11.0 A	1 DRAVE	SS-30	3 SEC	1 SEC	11.0 A	
	2.5KW x 6P	12.0 A	1 DRAVE	SS-30	3 SEC	1 SEC	12.0 A	
	3.7KW x 4P	16.0 A	1 DRAVE	SS-30	3 SEC	1 SEC	16.0 A	
2.8 TON	2.5KW x 8P	17.7 A	1 DRAVE	SS-30	3 SEC	1 SEC	17.7 A	
	5.0KW x 4P	22.8 A	1 DRAVE	SS-30	3 SEC	1 SEC	22.8 A	
	2.8KW x 8P	17.7 A	1 DRAVE	SS-30	3 SEC	1 SEC	17.7 A	
3 TON	5.5KW x 4P	23.0 A	1 DRAVE	SS-30	3 SEC	1 SEC	23.0 A	
	5.5KW x 6P	28.2 A	1 DRAVE	SS-30	3 SEC	1 SEC	28.2 A	
	8.5KW x 4P	34.4 A	1 DRAVE	SS-30	3 SEC	1 SEC	34.4 A	
5 TON	4.2KW x 8P	23.0 A	1 DRAVE	SS-30	3 SEC	1 SEC	23.0 A	
	5.5KW x 6P	28.2 A	1 DRAVE	SS-30	3 SEC	1 SEC	28.2 A	
	8.5KW x 4P	34.4 A	1 DRAVE	SS-30	3 SEC	1 SEC	34.4 A	
7.5 TON	4.2KW x 8P	23.0 A	1 DRAVE	SS-30	3 SEC	1 SEC	23.0 A	
	5.5KW x 6P	28.2 A	1 DRAVE	SS-30	3 SEC	1 SEC	28.2 A	
	8.5KW x 4P	34.4 A	1 DRAVE	SS-30	3 SEC	1 SEC	34.4 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	정격 전류	DRIVE TYPE	E.O.C.R TYPE	권고 SETTING 치			REMARK
					DELAY TIME	OPERATION TIME	CURRENT	
0.5 TON	1.2KW x 8P	4.6 A	1 DRIVE	SS-30	3 SEC	1 SEC	4.6 A	
	1.5KW x 6P	5.4 A	1 DRIVE	SS-30	3 SEC	1 SEC	5.4 A	
	2.4KW x 4P	5.6 A	1 DRAVE	SS-30	3 SEC	1 SEC	5.6 A	
1 TON	1.2KW x 8P	4.6 A	1 DRIVE	SS-30	3 SEC	1 SEC	4.6 A	
	1.5KW x 6P	5.4 A	1 DRIVE	SS-30	3 SEC	1 SEC	5.4 A	
	2.4KW x 4P	5.6 A	1 DRAVE	SS-30	3 SEC	1 SEC	5.6 A	
2 TON	1.8KW x 8P	6.4 A	1 DRAVE	SS-30	3 SEC	1 SEC	6.4 A	
	2.5KW x 6P	7.0 A	1 DRAVE	SS-30	3 SEC	1 SEC	7.0 A	
	3.7KW x 4P	9.3 A	1 DRAVE	SS-30	3 SEC	1 SEC	9.3 A	
2.8 TON	2.5KW x 8P	10.3 A	1 DRAVE	SS-30	3 SEC	1 SEC	10.3 A	
	5.0KW x 4P	12.2 A	1 DRAVE	SS-30	3 SEC	1 SEC	12.2 A	
	2.8KW x 8P	10.3 A	1 DRAVE	SS-30	3 SEC	1 SEC	10.3 A	
3 TON	5.5KW x 4P	12.2 A	1 DRAVE	SS-30	3 SEC	1 SEC	12.2 A	
	4.2KW x 8P	13.3 A	1 DRAVE	SS-30	3 SEC	1 SEC	13.3 A	
	5.5KW x 6P	16.3 A	1 DRAVE	SS-30	3 SEC	1 SEC	16.3 A	
5 TON	8.5KW x 4P	19.9 A	1 DRAVE	SS-30	3 SEC	1 SEC	19.9 A	
	4.2KW x 8P	13.3 A	1 DRAVE	SS-30	3 SEC	1 SEC	13.3 A	
	5.5KW x 6P	16.3 A	1 DRAVE	SS-30	3 SEC	1 SEC	16.3 A	

NOTE

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

E.O.C.R 권고 SETTING치

* POWER SOURCE : AC 3Φ 440V 60Hz

극동호이스트(주)

HOIST	MOTOR 용량	MOTOR 정격 전류	DRIVE TYPE	E.O.C.R TYPE	권고 SETTING 치			REMARK
					DELAY TIME	OPERATION TIME	CURRENT	
0.5 TON	1.2KW x 8P	4.0 A	1 DRIVE	SS-06	3 SEC	1 SEC	4.0 A	
	1.5KW x 6P	3.8 A	1 DRIVE	SS-06	3 SEC	1 SEC	3.8 A	
	2.4KW x 4P	5.0 A	1 DRAVE	SS-30	3 SEC	1 SEC	5.0 A	
1 TON	1.2KW x 8P	4.0 A	1 DRIVE	SS-06	3 SEC	1 SEC	4.0 A	
	1.5KW x 6P	3.8 A	1 DRIVE	SS-06	3 SEC	1 SEC	3.8 A	
	2.4KW x 4P	5.0 A	1 DRAVE	SS-30	3 SEC	1 SEC	5.0 A	
2 TON	1.8KW x 8P	5.5 A	1 DRAVE	SS-30	3 SEC	1 SEC	5.5 A	
	2.5KW x 6P	5.8 A	1 DRAVE	SS-30	3 SEC	1 SEC	5.8 A	
	3.7KW x 4P	8.0 A	1 DRAVE	SS-30	3 SEC	1 SEC	8.0 A	
2.8 TON	2.5KW x 8P	8.9 A	1 DRAVE	SS-30	3 SEC	1 SEC	8.9 A	
	5.0KW x 4P	10.5 A	1 DRAVE	SS-30	3 SEC	1 SEC	10.5 A	
	2.8KW x 8P	8.9 A	1 DRAVE	SS-30	3 SEC	1 SEC	8.9 A	
3 TON	5.5KW x 4P	10.5 A	1 DRAVE	SS-30	3 SEC	1 SEC	10.5 A	
	4.2KW x 8P	11.5 A	1 DRAVE	SS-30	3 SEC	1 SEC	11.5 A	
	5.5KW x 6P	14.1 A	1 DRAVE	SS-30	3 SEC	1 SEC	14.1 A	
5 TON	8.5KW x 4P	16.5 A	1 DRAVE	SS-30	3 SEC	1 SEC	16.5 A	
	4.2KW x 8P	11.5 A	1 DRAVE	SS-30	3 SEC	1 SEC	11.5 A	
	5.5KW x 6P	14.1 A	1 DRAVE	SS-30	3 SEC	1 SEC	14.1 A	

NOTE

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



E.O.C.R 권고 SETTING치

극동하이스트(주)

* POWER SOURCE : AC 3Φ 460V 60Hz

HOIST	MOTOR 용량	MOTOR 정격 전류	DRIVE TYPE	E.O.C.R TYPE	권고 SETTING 치			REMARK
					DELAY TIME	OPERATION TIME	CURRENT	
0.5 TON	1.2KW x 8P	3.8 A	1 DRAVE	SS-06	3 SEC	1 SEC	3.8 A	
	1.5KW x 6P	3.6 A	1 DRAVE	SS-06	3 SEC	1 SEC	3.6 A	
	2.4KW x 4P	4.8 A	1 DRAVE	SS-06	3 SEC	1 SEC	4.8 A	
1 TON	1.8KW x 8P	5.3 A	1 DRAVE	SS-30	3 SEC	1 SEC	5.3 A	
	2.5KW x 6P	5.5 A	1 DRAVE	SS-30	3 SEC	1 SEC	5.8 A	
	3.7KW x 4P	7.7 A	1 DRAVE	SS-30	3 SEC	1 SEC	7.7 A	
2 TON	1.8KW x 8P	5.3 A	1 DRAVE	SS-30	3 SEC	1 SEC	5.3 A	
	2.5KW x 6P	5.5 A	1 DRAVE	SS-30	3 SEC	1 SEC	5.8 A	
	3.7KW x 4P	7.7 A	1 DRAVE	SS-30	3 SEC	1 SEC	7.7 A	
2.8 TON	2.5KW x 8P	7.7 A	1 DRAVE	SS-30	3 SEC	1 SEC	7.7 A	
	5.0KW x 4P	10.0 A	1 DRAVE	SS-30	3 SEC	1 SEC	10.0 A	
	2.8KW x 8P	7.7 A	1 DRAVE	SS-30	3 SEC	1 SEC	7.7 A	
3 TON	5.5KW x 4P	10.0 A	1 DRAVE	SS-30	3 SEC	1 SEC	10.0 A	
	4.2KW x 8P	11.0 A	1 DRAVE	SS-30	3 SEC	1 SEC	11.0 A	
	5.5KW x 6P	13.5 A	1 DRAVE	SS-30	3 SEC	1 SEC	13.5 A	
5 TON	8.5KW x 4P	16.5 A	1 DRAVE	SS-30	3 SEC	1 SEC	16.5 A	
	4.2KW x 8P	11.0 A	1 DRAVE	SS-30	3 SEC	1 SEC	11.0 A	
	5.5KW x 6P	13.5 A	1 DRAVE	SS-30	3 SEC	1 SEC	13.5 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	
0.5 TON	1.2KW x 8P	3.6 A	1 DRIVE	SS-06	3 SEC	1 SEC	3.6 A	
	1.5KW x 6P	3.5 A	1 DRIVE	SS-06	3 SEC	1 SEC	3.5 A	
	2.4KW x 4P	4.6 A	1 DRAVE	SS-06	3 SEC	1 SEC	4.6 A	
1 TON	1.2KW x 8P	3.6 A	1 DRIVE	SS-06	3 SEC	1 SEC	3.6 A	
	1.5KW x 6P	3.5 A	1 DRIVE	SS-06	3 SEC	1 SEC	3.5 A	
	2.4KW x 4P	4.6 A	1 DRAVE	SS-06	3 SEC	1 SEC	4.6 A	
2 TON	1.8KW x 8P	5.1 A	1 DRAVE	SS-30	3 SEC	1 SEC	5.1 A	
	2.5KW x 6P	5.3 A	1 DRAVE	SS-30	3 SEC	1 SEC	5.3 A	
	3.7KW x 4P	7.3 A	1 DRAVE	SS-30	3 SEC	1 SEC	7.3 A	
2.8 TON	2.5KW x 8P	7.3 A	1 DRAVE	SS-30	3 SEC	1 SEC	7.3 A	
	5.0KW x 4P	9.6 A	1 DRAVE	SS-30	3 SEC	1 SEC	9.6 A	
	2.8KW x 8P	7.3 A	1 DRAVE	SS-30	3 SEC	1 SEC	7.3 A	
3 TON	5.5KW x 4P	9.6 A	1 DRAVE	SS-30	3 SEC	1 SEC	9.6 A	
	4.2KW x 8P	10.5 A	1 DRAVE	SS-30	3 SEC	1 SEC	10.5 A	
	5.5KW x 6P	12.9 A	1 DRAVE	SS-30	3 SEC	1 SEC	12.9 A	
5 TON	8.5KW x 4P	15.8 A	1 DRAVE	SS-30	3 SEC	1 SEC	15.8 A	
	4.2KW x 8P	10.5 A	1 DRAVE	SS-30	3 SEC	1 SEC	10.5 A	
	5.5KW x 6P	12.9 A	1 DRAVE	SS-30	3 SEC	1 SEC	12.9 A	

NOTE

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



THREE PHASE INDUCTION MOTOR DATE SHEET

SCHEDULE OF TECHNICAL DATA

1. SERVICE	HOISTING
2. MANUFACTURE	극동호이스트(주)
3. FRAME NUMBER	132 L
4. RATED POWER	5.5 KW x 6 P
5. RATED VOLTAGE AND FREQUENCY	220 V 60 Hz
6. MOTOR TYPE	SQUIRREL CAGE ROTOR TYPE
7. SERVICE FACTOR AND RATTING	1.0 , 30 MIN
8. LOCATION AND INSULATION CLASS	INDOOR, OUTDOOR, B CLASS
9. DESIGN TRMPERATURE RISE(BY RESISTANCE)	80 ℃
10. FULL LOAD SPEED	1164 RPM
11. FULL LOAD CURRENT	28.2 A
12. STARTING CURRENT AT RATED VOLTAGE	155.1 A
13. MINIMUM STARTING VOLTAGE	200 V
14. EFFICIENCY AT 100% RATED LOAD	77 %
15. POWER FACTOR AT 100% RATED LOAD	66.4 %
16. STARTING TORQUE	11.59 KG.M
17. SITE ALTTITUDE(UNDER)	1000 M
18. ENCLOSURE & COOLING METHOD	T E N V
19. TYPE OF BEARING	PL : 6307zz OPL : 6207zz
20. MOUNTING	H O R I Z O N T A L
21. MAXIMUM AMBIENT TEMPURE	40 ℃
22. BEARING LUBRICATION	G R E A S E
23. STARTING METHOD	F U L L V O L T A G E

THREE PHASE INDUCTION MOTOR DATE SHEET

SCHEDULE OF TECHNICAL DATA

1. SERVICE	HOISTING
2. MANUFACTURE	극동호이스트(주)
3. FRAME NUMBER	132 L
4. RATED POWER	5.5 KW x 6 P
5. RATED VOLTAGE AND FREQUENCY	380 V 60 Hz
6. MOTOR TYPE	SQUIRREL CAGE ROTOR TYPE
7. SERVICE FACTOR AND RATTING	1.0 , 30 MIN
8. LOCATION AND INSULATION CLASS	INDOOR, OUTDOOR, B CLASS
9. DESIGN TRMPERATURE RISE(BY RESISTANCE)	80 ℃
10. FULL LOAD SPEED	1164 RPM
11. FULL LOAD CURRENT	16.3 A
12. STARTING CURRENT AT RATED VOLTAGE	89.8 A
13. MINIMUM STARTING VOLTAGE	345 V
14. EFFICIENCY AT 100% RATED LOAD	77 %
15. POWER FACTOR AT 100% RATED LOAD	66.4 %
16. STARTING TORQUE	11.59 KG.M
17. SITE ALTTITUDE(UNDER)	1000 M
18. ENCLOSURE & COOLING METHOD	T E N V
19. TYPE OF BEARING	PL : 6307zz OPL : 6207zz
20. MOUNTING	H O R I Z O N T A L
21. MAXIMUM AMBIENT TEMPURE	40 ℃
22. BEARING LUBRICATION	G R E A S E
23. STARTING METHOD	F U L L V O L T A G E

THREE PHASE INDUCTION MOTOR DATE SHEET

SCHEDULE OF TECHNICAL DATA

1. SERVICE	HOISTING
2. MANUFACTURE	극동호이스트(주)
3. FRAME NUMBER	132 L
4. RATED POWER	5.5 KW x 6 P
5. RATED VOLTAGE AND FREQUENCY	440 V 60 Hz
6. MOTOR TYPE	SQUIRREL CAGE ROTOR TYPE
7. SERVICE FACTOR AND RATTING	1.0 , 30 MIN
8. LOCATION AND INSULATION CLASS	INDOOR, OUTDOOR, B CLASS
9. DESIGN TRMPERATURE RISE(BY RESISTANCE)	80 ℃
10. FULL LOAD SPEED	1164 RPM
11. FULL LOAD CURRENT	14.1 A
12. STARTING CURRENT AT RATED VOLTAGE	77.6 A
13. MINIMUM STARTING VOLTAGE	400 V
14. EFFICIENCY AT 100% RATED LOAD	77 %
15. POWER FACTOR AT 100% RATED LOAD	66.4 %
16. STARTING TORQUE	11.59 KG.M
17. SITE ALTTITUDE(UNDER)	1000 M
18. ENCLOSURE & COOLING METHOD	T E N V
19. TYPE OF BEARING	PL : 6307zz OPL : 6207zz
20. MOUNTING	H O R I Z O N T A L
21. MAXIMUM AMBIENT TEMPURE	40 ℃
22. BEARING LUBRICATION	G R E A S E
23. STARTING METHOD	F U L L V O L T A G E

안전보건공단
KOREA OCCUPATIONAL SAFETY & HEALTH AGENCY

THREE PHASE INDUCTION MOTOR DATE SHEET

SCHEDULE OF TECHNICAL DATA

1. SERVICE	HOISTING
2. MANUFACTURE	극동호이스트(주)
3. FRAME NUMBER	132 L
4. RATED POWER	5.5 KW x 6 P
5. RATED VOLTAGE AND FREQUENCY	460 V 60 Hz
6. MOTOR TYPE	SQUIRREL CAGE ROTOR TYPE
7. SERVICE FACTOR AND RATting	1.0 , 30 MIN
8. LOCATION AND INSULATION CLASS	INDOOR, OUTDOOR, B CLASS
9. DESIGN TRMPERATURE RISE(BY RESISTANCE)	80 ℃
10. FULL LOAD SPEED	1164 RPM
11. FULL LOAD CURRENT	13.5 A
12. STARTING CURRENT AT RATED VOLTAGE	74.3 A
13. MINIMUM STARTING VOLTAGE	418 V
14. EFFICIENCY AT 100% RATED LOAD	77 %
15. POWER FACTOR AT 100% RATED LOAD	66.4 %
16. STARTING TORQUE	11.59 KG.M
17. SITE ALTTITUDE(UNDER)	1000 M
18. ENCLOSURE & COOLING METHOD	T E N V
19. TYPE OF BEARING	PL : 6307zz OPL : 6207zz
20. MOUNTING	HORIZONTAL
21. MAXIMUM AMBIENT TEMPURE	40 ℃
22. BEARING LUBRICATION	GREASE
23. STARTING METHOD	FULL VOLTAGE

THREE PHASE INDUCTION MOTOR DATE SHEET

SCHEDULE OF TECHNICAL DATA

1. SERVICE	HOISTING
2. MANUFACTURE	극동호이스트(주)
3. FRAME NUMBER	132 L
4. RATED POWER	5.5 KW x 6 P
5. RATED VOLTAGE AND FREQUENCY	480 V 60 Hz
6. MOTOR TYPE	SQUIRREL CAGE ROTOR TYPE
7. SERVICE FACTOR AND RATting	1.0 , 30 MIN
8. LOCATION AND INSULATION CLASS	INDOOR, OUTDOOR, B CLASS
9. DESIGN TRMPERATURE RISE(BY RESISTANCE)	80 ℃
10. FULL LOAD SPEED	1164 RPM
11. FULL LOAD CURRENT	12.9 A
12. STARTING CURRENT AT RATED VOLTAGE	71.2 A
13. MINIMUM STARTING VOLTAGE	436 V
14. EFFICIENCY AT 100% RATED LOAD	77 %
15. POWER FACTOR AT 100% RATED LOAD	66.4 %
16. STARTING TORQUE	11.59 KG.M
17. SITE ALTITUDE(UNDER)	1000 M
18. ENCLOSURE & COOLING METHOD	T E N V
19. TYPE OF BEARING	PL : 6307zz OPL : 6207zz
20. MOUNTING	HORIZONTAL
21. MAXIMUM AMBIENT TEMPURE	40 ℃
22. BEARING LUBRICATION	GREASE
23. STARTING METHOD	FULL VOLTAGE

THREE PHASE INDUCTION MOTOR DATE SHEET

SCHEDULE OF TECHNICAL DATA

1. SERVICE	HOISTING
2. MANUFACTURE	극동호이스트(주)
3. FRAME NUMBER	132 L
4. RATED POWER	4.2 KW x 8 P
5. RATED VOLTAGE AND FREQUENCY	220 V 60 Hz
6. MOTOR TYPE	SQUIRREL CAGE ROTOR TYPE
7. SERVICE FACTOR AND RATTING	1.0 , 30 MIN
8. LOCATION AND INSULATION CLASS	INDOOR, OUTDOOR, B CLASS
9. DESIGN TRMPERATURE RISE(BY RESISTANCE)	80 ℃
10. FULL LOAD SPEED	873 RPM
11. FULL LOAD CURRENT	23 A
12. STARTING CURRENT AT RATED VOLTAGE	136.2 A
13. MINIMUM STARTING VOLTAGE	200 V
14. EFFICIENCY AT 100% RATED LOAD	77.5 %
15. POWER FACTOR AT 100% RATED LOAD	60 %
16. STARTING TORQUE	14.93 KG.M
17. SITE ALTTITUDE(UNDER)	1000 M
18. ENCLOSURE & COOLING METHOD	T E N V
19. TYPE OF BEARING	PL : 6307zz OPL : 6207zz
20. MOUNTING	H O R I Z O N T A L
21. MAXIMUM AMBIENT TEMPURE	40 ℃
22. BEARING LUBRICATION	G R E A S E
23. STARTING METHOD	F U L L V O L T A G E

THREE PHASE INDUCTION MOTOR DATE SHEET

SCHEDULE OF TECHNICAL DATA

1. SERVICE	HOISTING
2. MANUFACTURE	극동호이스트(주)
3. FRAME NUMBER	132 L
4. RATED POWER	4.2 KW x 8 P
5. RATED VOLTAGE AND FREQUENCY	380 V 60 Hz
6. MOTOR TYPE	SQUIRREL CAGE ROTOR TYPE
7. SERVICE FACTOR AND RATTING	1.0 , 30 MIN
8. LOCATION AND INSULATION CLASS	INDOOR, OUTDOOR, B CLASS
9. DESIGN TRMPERATURE RISE(BY RESISTANCE)	80 ℃
10. FULL LOAD SPEED	873 RPM
11. FULL LOAD CURRENT	13.3 A
12. STARTING CURRENT AT RATED VOLTAGE	78.8 A
13. MINIMUM STARTING VOLTAGE	345 V
14. EFFICIENCY AT 100% RATED LOAD	77.5 %
15. POWER FACTOR AT 100% RATED LOAD	60 %
16. STARTING TORQUE	14.93 KG.M
17. SITE ALTTITUDE(UNDER)	1000 M
18. ENCLOSURE & COOLING METHOD	T E N V
19. TYPE OF BEARING	PL : 6307zz OPL : 6207zz
20. MOUNTING	H O R I Z O N T A L
21. MAXIMUM AMBIENT TEMPURE	40 ℃
22. BEARING LUBRICATION	G R E A S E
23. STARTING METHOD	F U L L V O L T A G E

THREE PHASE INDUCTION MOTOR DATE SHEET

SCHEDULE OF TECHNICAL DATA

1. SERVICE	HOISTING
2. MANUFACTURE	극동호이스트(주)
3. FRAME NUMBER	132 L
4. RATED POWER	4.2 KW x 8 P
5. RATED VOLTAGE AND FREQUENCY	440 V 60 Hz
6. MOTOR TYPE	SQUIRREL CAGE ROTOR TYPE
7. SERVICE FACTOR AND RATting	1.0 , 30 MIN
8. LOCATION AND INSULATION CLASS	INDOOR, OUTDOOR, B CLASS
9. DESIGN TRMPERATURE RISE(BY RESISTANCE)	80 ℃
10. FULL LOAD SPEED	873 RPM
11. FULL LOAD CURRENT	11.5 A
12. STARTING CURRENT AT RATED VOLTAGE	68.1 A
13. MINIMUM STARTING VOLTAGE	400 V
14. EFFICIENCY AT 100% RATED LOAD	77.5 %
15. POWER FACTOR AT 100% RATED LOAD	60 %
16. STARTING TORQUE	14.93 KG.M
17. SITE ALTTITUDE(UNDER)	1000 M
18. ENCLOSURE & COOLING METHOD	T E N V
19. TYPE OF BEARING	PL : 6307zz OPL : 6207zz
20. MOUNTING	HORIZONTAL
21. MAXIMUM AMBIENT TEMPURE	40 ℃
22. BEARING LUBRICATION	GREASE
23. STARTING METHOD	FULL VOLTAGE

THREE PHASE INDUCTION MOTOR DATE SHEET

SCHEDULE OF TECHNICAL DATA

1. SERVICE	HOISTING
2. MANUFACTURE	극동호이스트(주)
3. FRAME NUMBER	132 L
4. RATED POWER	4.2 KW x 8 P
5. RATED VOLTAGE AND FREQUENCY	460 V 60 Hz
6. MOTOR TYPE	SQUIRREL CAGE ROTOR TYPE
7. SERVICE FACTOR AND RATTING	1.0 , 30 MIN
8. LOCATION AND INSULATION CLASS	INDOOR, OUTDOOR, B CLASS
9. DESIGN TRMPERATURE RISE(BY RESISTANCE)	80 ℃
10. FULL LOAD SPEED	873 RPM
11. FULL LOAD CURRENT	11.0 A
12. STARTING CURRENT AT RATED VOLTAGE	65.1 A
13. MINIMUM STARTING VOLTAGE	418 V
14. EFFICIENCY AT 100% RATED LOAD	77.5 %
15. POWER FACTOR AT 100% RATED LOAD	60 %
16. STARTING TORQUE	14.93 KGM
17. SITE ALTTITUDE(UNDER)	1000 M
18. ENCLOSURE & COOLING METHOD	T E N V
19. TYPE OF BEARING	PL : 6307zz OPL : 6207zz
20. MOUNTING	HORIZONTAL
21. MAXIMUM AMBIENT TEMPURE	40 ℃
22. BEARING LUBRICATION	GREASE
23. STARTING METHOD	FULL VOLTAGE

THREE PHASE INDUCTION MOTOR DATE SHEET

SCHEDULE OF TECHNICAL DATA

1. SERVICE	HOISTING
2. MANUFACTURE	극동호이스트(주)
3. FRAME NUMBER	132 L
4. RATED POWER	4.2 KW x 8 P
5. RATED VOLTAGE AND FREQUENCY	480 V 60 Hz
6. MOTOR TYPE	SQUIRREL CAGE ROTOR TYPE
7. SERVICE FACTOR AND RATTING	1.0 , 30 MIN
8. LOCATION AND INSULATION CLASS	INDOOR, OUTDOOR, B CLASS
9. DESIGN TRMPERATURE RISE(BY RESISTANCE)	80 ℃
10. FULL LOAD SPEED	873 RPM
11. FULL LOAD CURRENT	10.5 A
12. STARTING CURRENT AT RATED VOLTAGE	62.4 A
13. MINIMUM STARTING VOLTAGE	436 V
14. EFFICIENCY AT 100% RATED LOAD	77.5 %
15. POWER FACTOR AT 100% RATED LOAD	60 %
16. STARTING TORQUE	14.93 KGM
17. SITE ALTITUDE(UNDER)	1000 M
18. ENCLOSURE & COOLING METHOD	T E N V
19. TYPE OF BEARING	PL : 6307zz OPL : 6207zz
20. MOUNTING	HORIZONTAL
21. MAXIMUM AMBIENT TEMPURE	40 ℃
22. BEARING LUBRICATION	GREASE
23. STARTING METHOD	FULL VOLTAGE

THREE PHASE INDUCTION MOTOR DATE SHEET

SCHEDULE OF TECHNICAL DATA

1. SERVICE	TRAVERSING , TRAVELLING
2. MANUFACTURE	극동호이스트(주)
3. FRAME NUMBER	90 S
4. RATED POWER	0.75 KW x 4 P
5. RATED VOLTAGE AND FREQUENCY	220 V 60 Hz
6. MOTOR TYPE	SQUIRREL CAGE ROTOR TYPE
7. SERVICE FACTOR AND RATTING	1.0 , 30 MIN
8. LOCATION AND INSULATION CLASS	INDOOR, OUTDOOR, B CLASS
9. DESIGN TRMPERATURE RISE(BY RESISTANCE)	80 ℃
10. FULL LOAD SPEED	1692 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 %
15. POWER FACTOR AT 100% RATED LOAD	73.5 %
16. STARTING TORQUE	1.02 KG.M
17. SITE ALTTITUDE(UNDER)	1000 M
18. ENCLOSURE & COOLING METHOD	T E N V
19. TYPE OF BEARING	PL : 6205zz OPL : 6204zz
20. MOUNTING	HORIZONTAL
21. MAXIMUM AMBIENT TEMPURE	40 ℃
22. BEARING LUBRICATION	GREASE
23. STARTING METHOD	FULL VOLTAGE

THREE PHASE INDUCTION MOTOR DATE SHEET

SCHEDULE OF TECHNICAL DATA

1. SERVICE	TRAVERSING , TRAVELLING
2. MANUFACTURE	극동호이스트(주)
3. FRAME NUMBER	90 S
4. RATED POWER	0.75 KW x 4 P
5. RATED VOLTAGE AND FREQUENCY	380 V 60 Hz
6. MOTOR TYPE	SQUIRREL CAGE ROTOR TYPE
7. SERVICE FACTOR AND RATTING	1.0 , 30 MIN
8. LOCATION AND INSULATION CLASS	INDOOR, OUTDOOR, B CLASS
9. DESIGN TRMPERATURE RISE(BY RESISTANCE)	80 ℃
10. FULL LOAD SPEED	1692 RPM
11. FULL LOAD CURRENT	2.4 A
12. STARTING CURRENT AT RATED VOLTAGE	12.8 A
13. MINIMUM STARTING VOLTAGE	345 V
14. EFFICIENCY AT 100% RATED LOAD	66 %
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 TEMPURE	40 ℃
22. BEARING LUBRICATION	G R E A S E
23. STARTING METHOD	F U L L V O L T A G E

THREE PHASE INDUCTION MOTOR DATE SHEET

SCHEDULE OF TECHNICAL DATA

1. SERVICE	TRAVERSING , TRAVELLING
2. MANUFACTURE	극동호이스트(주)
3. FRAME NUMBER	90 S
4. RATED POWER	0.75 KW x 4 P
5. RATED VOLTAGE AND FREQUENCY	440 V 60 Hz
6. MOTOR TYPE	SQUIRREL CAGE ROTOR TYPE
7. SERVICE FACTOR AND RATTING	1.0 , 30 MIN
8. LOCATION AND INSULATION CLASS	INDOOR, OUTDOOR, B CLASS
9. DESIGN TRMPERATURE RISE(BY RESISTANCE)	80 ℃
10. FULL LOAD SPEED	1692 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 %
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	HORIZONTAL
21. MAXIMUM AMBIENT TEMPURE	40 ℃
22. BEARING LUBRICATION	GREASE
23. STARTING METHOD	FULL VOLTAGE

사어재해예방

안전보건공단

KOREA OCCUPATIONAL SAFETY & HEALTH AGENCY

THREE PHASE INDUCTION MOTOR DATE SHEET

SCHEDULE OF TECHNICAL DATA

1. SERVICE	TRAVERSING , TRAVELLING
2. MANUFACTURE	극동호이스트(주)
3. FRAME NUMBER	90 S
4. RATED POWER	0.75 KW x 4 P
5. RATED VOLTAGE AND FREQUENCY	460 V 60 Hz
6. MOTOR TYPE	SQUIRREL CAGE ROTOR TYPE
7. SERVICE FACTOR AND RATTING	1.0 , 30 MIN
8. LOCATION AND INSULATION CLASS	INDOOR, OUTDOOR, B CLASS
9. DESIGN TRMPERATURE RISE(BY RESISTANCE)	80 ℃
10. FULL LOAD SPEED	1692 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 %
15. POWER FACTOR AT 100% RATED LOAD	73.5 %
16. STARTING TORQUE	1.02 KG.M
17. SITE ALTTITUDE(UNDER)	1000 M
18. ENCLOSURE & COOLING METHOD	T E N V
19. TYPE OF BEARING	PL : 6205zz OPL : 6204zz
20. MOUNTING	H O R I Z O N T A L
21. MAXIMUM AMBIENT TEMPURE	40 ℃
22. BEARING LUBRICATION	G R E A S E
23. STARTING METHOD	F U L L V O L T A G E

THREE PHASE INDUCTION MOTOR DATE SHEET

SCHEDULE OF TECHNICAL DATA

1. SERVICE	TRAVERSING , TRAVELLING
2. MANUFACTURE	극동호이스트(주)
3. FRAME NUMBER	90 S
4. RATED POWER	0.75 KW x 4 P
5. RATED VOLTAGE AND FREQUENCY	480 V 60 Hz
6. MOTOR TYPE	SQUIRREL CAGE ROTOR TYPE
7. SERVICE FACTOR AND RATTING	1.0 , 30 MIN
8. LOCATION AND INSULATION CLASS	INDOOR, OUTDOOR, B CLASS
9. DESIGN TRMPERATURE RISE(BY RESISTANCE)	80 ℃
10. FULL LOAD SPEED	1692 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 %
15. POWER FACTOR AT 100% RATED LOAD	73.5 %
16. STARTING TORQUE	1.02 KG.M
17. SITE ALTTITUDE(UNDER)	1000 M
18. ENCLOSURE & COOLING METHOD	T E N V
19. TYPE OF BEARING	PL : 6205zz OPL : 6204zz
20. MOUNTING	HORIZONTAL
21. MAXIMUM AMBIENT TEMPURE	40 ℃
22. BEARING LUBRICATION	GREASE
23. STARTING METHOD	FULL VOLTAGE

THREE PHASE INDUCTION MOTOR DATE SHEET

SCHEDULE OF TECHNICAL DATA

1. SERVICE	TRAVERSING , TRAVELLING
2. MANUFACTURE	극동호이스트(주)
3. FRAME NUMBER	90 S
4. RATED POWER	0.5 KW x 6 P
5. RATED VOLTAGE AND FREQUENCY	220 V 60 Hz
6. MOTOR TYPE	SQUIRREL CAGE ROTOR TYPE
7. SERVICE FACTOR AND RATTING	1.0 , 30 MIN
8. LOCATION AND INSULATION CLASS	INDOOR, OUTDOOR, B CLASS
9. DESIGN TRMPERATURE RISE(BY RESISTANCE)	80 ℃
10. FULL LOAD SPEED	1128 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 %
15. POWER FACTOR AT 100% RATED LOAD	59.5 %
16. STARTING TORQUE	0.80 KG.M
17. SITE ALTTITUDE(UNDER)	1000 M
18. ENCLOSURE & COOLING METHOD	T E N V
19. TYPE OF BEARING	PL : 6205zz OPL : 6204zz
20. MOUNTING	HORIZONTAL
21. MAXIMUM AMBIENT TEMPURE	40 ℃
22. BEARING LUBRICATION	GREASE
23. STARTING METHOD	FULL VOLTAGE

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KOREA OCCUPATIONAL SAFETY & HEALTH AGENCY

THREE PHASE INDUCTION MOTOR DATE SHEET

SCHEDULE OF TECHNICAL DATA

1. SERVICE	TRAVERSING , TRAVELLING
2. MANUFACTURE	극동호이스트(주)
3. FRAME NUMBER	90 S
4. RATED POWER	0.5 KW x 6 P
5. RATED VOLTAGE AND FREQUENCY	380 V 60 Hz
6. MOTOR TYPE	SQUIRREL CAGE ROTOR TYPE
7. SERVICE FACTOR AND RATTING	1.0 , 30 MIN
8. LOCATION AND INSULATION CLASS	INDOOR, OUTDOOR, B CLASS
9. DESIGN TRMPERATURE RISE(BY RESISTANCE)	80 ℃
10. FULL LOAD SPEED	1128 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 %
15. POWER FACTOR AT 100% RATED LOAD	59.5 %
16. STARTING TORQUE	0.80 KG.M
17. SITE ALTTITUDE(UNDER)	1000 M
18. ENCLOSURE & COOLING METHOD	T E N V
19. TYPE OF BEARING	PL : 6205zz OPL : 6204zz
20. MOUNTING	HORIZONTAL
21. MAXIMUM AMBIENT TEMPURE	40 ℃
22. BEARING LUBRICATION	GREASE
23. STARTING METHOD	FULL VOLTAGE

THREE PHASE INDUCTION MOTOR DATE SHEET

SCHEDULE OF TECHNICAL DATA

1. SERVICE	TRAVERSING , TRAVELLING
2. MANUFACTURE	극동호이스트(주)
3. FRAME NUMBER	90 S
4. RATED POWER	0.5 KW x 6 P
5. RATED VOLTAGE AND FREQUENCY	440 V 60 Hz
6. MOTOR TYPE	SQUIRREL CAGE ROTOR TYPE
7. SERVICE FACTOR AND RATTING	1.0 , 30 MIN
8. LOCATION AND INSULATION CLASS	INDOOR, OUTDOOR, B CLASS
9. DESIGN TRMPERATURE RISE(BY RESISTANCE)	80 ℃
10. FULL LOAD SPEED	1128 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 %
15. POWER FACTOR AT 100% RATED LOAD	59.5 %
16. STARTING TORQUE	0.80 KG.M
17. SITE ALTTITUDE(UNDER)	1000 M
18. ENCLOSURE & COOLING METHOD	T E N V
19. TYPE OF BEARING	PL : 6205zz OPL : 6204zz
20. MOUNTING	HORIZONTAL
21. MAXIMUM AMBIENT TEMPURE	40 ℃
22. BEARING LUBRICATION	GREASE
23. STARTING METHOD	FULL VOLTAGE

THREE PHASE INDUCTION MOTOR DATE SHEET

SCHEDULE OF TECHNICAL DATA

1. SERVICE	TRAVERSING , TRAVELLING
2. MANUFACTURE	극동호이스트(주)
3. FRAME NUMBER	90 S
4. RATED POWER	0.5 KW x 6 P
5. RATED VOLTAGE AND FREQUENCY	460 V 60 Hz
6. MOTOR TYPE	SQUIRREL CAGE ROTOR TYPE
7. SERVICE FACTOR AND RATTING	1.0 , 30 MIN
8. LOCATION AND INSULATION CLASS	INDOOR, OUTDOOR, B CLASS
9. DESIGN TRMPERATURE RISE(BY RESISTANCE)	80 ℃
10. FULL LOAD SPEED	1128 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 %
15. POWER FACTOR AT 100% RATED LOAD	59.5 %
16. STARTING TORQUE	0.80 KG.M
17. SITE ALTTITUDE(UNDER)	1000 M
18. ENCLOSURE & COOLING METHOD	T E N V
19. TYPE OF BEARING	PL : 6205zz OPL : 6204zz
20. MOUNTING	H O R I Z O N T A L
21. MAXIMUM AMBIENT TEMPURE	40 ℃
22. BEARING LUBRICATION	G R E A S E
23. STARTING METHOD	F U L L V O L T A G E

THREE PHASE INDUCTION MOTOR DATE SHEET

SCHEDULE OF TECHNICAL DATA

1. SERVICE	TRAVERSING , TRAVELLING
2. MANUFACTURE	극동호이스트(주)
3. FRAME NUMBER	90 S
4. RATED POWER	0.5 KW x 6 P
5. RATED VOLTAGE AND FREQUENCY	480 V 60 Hz
6. MOTOR TYPE	SQUIRREL CAGE ROTOR TYPE
7. SERVICE FACTOR AND RATTING	1.0 , 30 MIN
8. LOCATION AND INSULATION CLASS	INDOOR, OUTDOOR, B CLASS
9. DESIGN TRMPERATURE RISE(BY RESISTANCE)	80 ℃
10. FULL LOAD SPEED	1128 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 %
15. POWER FACTOR AT 100% RATED LOAD	59.5 %
16. STARTING TORQUE	0.80 KG.M
17. SITE ALTTITUDE(UNDER)	1000 M
18. ENCLOSURE & COOLING METHOD	T E N V
19. TYPE OF BEARING	PL : 6205zz OPL : 6204zz
20. MOUNTING	H O R I Z O N T A L
21. MAXIMUM AMBIENT TEMPURE	40 ℃
22. BEARING LUBRICATION	G R E A S E
23. STARTING METHOD	F U L L V O L T A G E

THREE PHASE INDUCTION MOTOR DATE SHEET

SCHEDULE OF TECHNICAL DATA

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

THREE PHASE INDUCTION MOTOR DATE SHEET

SCHEDULE OF TECHNICAL DATA

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

THREE PHASE INDUCTION MOTOR DATE SHEET

SCHEDULE OF TECHNICAL DATA

1. SERVICE	TRAVERSING
2. MANUFACTURE	극동호이스트 (주)
3. FRAME NUMBER	90 L
4. RATED POWER	0.8/0.4 KW x 4/8 P
5. RATED VOLTAGE AND FREQUENCY	440 V 60 Hz
6. MOTOR TYPE	SQUIRREL CAGE ROTOR TYPE
7. SERVICE FACTOR AND RATTING	1.0 , 30 MIN
8. LOCATION AND INSULATION CLASS	INDOOR, OUTDOOR, B CLASS
9. DESIGN TRMPERATURE RISE(BY RESISTANCE)	80 ℃
10. FULL LOAD SPEED	1750 / 850 RPM
11. FULL LOAD CURRENT	2.4/2.27 A
12. LOCKED ROTOR CURRENT	8.6/6.21 A
13. MINIMUM STARTING VOLTAGE	400 V
14. EFFICIENCY AT 100% RATED LOAD	72.8/65.8 %
15. POWER FACTOR AT 100% RATED LOAD	82.3/75 %
16. FULL LOAD TORQUE	0.80 KG.M
17. SITE ALTITUDE(UNDER)	1000 M
18. ENCLOSURE & COOLING METHOD	T E N V
19. TYPE OF BEARING	PL : 6205zz OPL : 6204zz
20. MOUNTING	HORIZONTAL
21. MAXIMUM AMBIENT TEMPURE	40 ℃
22. BEARING LUBRICATION	GREASE
23. STARTING METHOD	FULL VOLTAGE

THREE PHASE INDUCTION MOTOR DATE SHEET

SCHEDULE OF TECHNICAL DATA

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

THREE PHASE INDUCTION MOTOR DATE SHEET

SCHEDULE OF TECHNICAL DATA

1. SERVICE	TRAVERSING
2. MANUFACTURE	극동호이스트 (주)
3. FRAME NUMBER	90 L
4. RATED POWER	0.8/0.4 KW x 4/8 P
5. RATED VOLTAGE AND FREQUENCY	480 V 60 Hz
6. MOTOR TYPE	SQUIRREL CAGE ROTOR TYPE
7. SERVICE FACTOR AND RATTING	1.0 , 30 MIN
8. LOCATION AND INSULATION CLASS	INDOOR, OUTDOOR, B CLASS
9. DESIGN TRMPERATURE RISE(BY RESISTANCE)	80 ℃
10. FULL LOAD SPEED	1750 / 850 RPM
11. FULL LOAD CURRENT	2.3/2.1 A
12. LOCKED ROTOR CURRENT	8.4/6.15 A
13. MINIMUM STARTING VOLTAGE	436 V
14. EFFICIENCY AT 100% RATED LOAD	72.8/65.8 %
15. POWER FACTOR AT 100% RATED LOAD	82.3/75 %
16. FULL LOAD TORQUE	0.80 KG.M
17. SITE ALTTITUDE(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 TEMPURE	40 ℃
22. BEARING LUBRICATION	G R E A S E
23. STARTING METHOD	F U L L V O L T A G E

THREE PHASE INDUCTION MOTOR DATE SHEET

SCHEDULE OF TECHNICAL DATA

1. SERVICE	TRAVERSING
2. MANUFACTURE	극동호이스트 (주)
3. FRAME NUMBER	90 L
4. RATED POWER	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 TRMPERATURE RISE(BY RESISTANCE)	80 ℃
10. FULL LOAD SPEED	1050 / 460 RPM
11. FULL LOAD CURRENT	3.2/3.6 A
12. LOCKED ROTOR CURRENT	12.8/10.8 A
13. MINIMUM STARTING VOLTAGE	200 V
14. EFFICIENCY AT 100% RATED LOAD	57.5/35.0 %
15. POWER FACTOR AT 100% RATED LOAD	64.5/50.0 %
16. FULL LOAD TORQUE	0.757/0.506 KGM
17. SITE ALTTITUDE(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 TEMPURE	40 ℃
22. BEARING LUBRICATION	G R E A S E
23. STARTING METHOD	F U L L V O L T A G E

THREE PHASE INDUCTION MOTOR DATE SHEET

SCHEDULE OF TECHNICAL DATA

1. SERVICE	TRAVERSING
2. MANUFACTURE	극동호이스트 (주)
3. FRAME NUMBER	90 L
4. RATED POWER	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 TRMPERATURE RISE(BY RESISTANCE)	80 ℃
10. FULL LOAD SPEED	1050 / 460 RPM
11. FULL LOAD CURRENT	1.85/2.08 A
12. LOCKED ROTOR CURRENT	7.41/6.25 A
13. MINIMUM STARTING VOLTAGE	345 V
14. EFFICIENCY AT 100% RATED LOAD	57.5/35.0 %
15. POWER FACTOR AT 100% RATED LOAD	64.5/50.0 %
16. FULL LOAD TORQUE	0.757/0.506 KG.M
17. SITE ALTTITUDE(UNDER)	1000 M
18. ENCLOSURE & COOLING METHOD	T E N V
19. TYPE OF BEARING	PL : 6205zz OPL : 6204zz
20. MOUNTING	HORIZONTAL
21. MAXIMUM AMBIENT TEMPURE	40 ℃
22. BEARING LUBRICATION	GREASE
23. STARTING METHOD	FULL VOLTAGE

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KOREA OCCUPATIONAL SAFETY & HEALTH AGENCY

THREE PHASE INDUCTION MOTOR DATE SHEET

SCHEDULE OF TECHNICAL DATA

1. SERVICE	TRAVERSING
2. MANUFACTURE	극동호이스트 (주)
3. FRAME NUMBER	90 L
4. RATED POWER	0.5/0.25 KW x 6/12 P
5. RATED VOLTAGE AND FREQUENCY	440 V 60 Hz
6. MOTOR TYPE	SQUIRREL CAGE ROTOR TYPE
7. SERVICE FACTOR AND RATTING	1.0 , 30 MIN
8. LOCATION AND INSULATION CLASS	INDOOR, OUTDOOR, B CLASS
9. DESIGN TRMPERATURE RISE(BY RESISTANCE)	80 °C
10. FULL LOAD SPEED	1050 / 460 RPM
11. FULL LOAD CURRENT	1.6/1.8 A
12. LOCKED ROTOR CURRENT	6.4/5.4 A
13. MINIMUM STARTING VOLTAGE	400 V
14. EFFICIENCY AT 100% RATED LOAD	57.5/3508 %
15. POWER FACTOR AT 100% RATED LOAD	64.5/50.0 %
16. FULL LOAD TORQUE	0.757/0.506 KG.M
17. SITE ALTTITUDE(UNDER)	1000 M
18. ENCLOSURE & COOLING METHOD	T E N V
19. TYPE OF BEARING	PL : 6205zz OPL : 6204zz
20. MOUNTING	H O R I Z O N T A L
21. MAXIMUM AMBIENT TEMPURE	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 DATE SHEET

SCHEDULE OF TECHNICAL DATA

1. SERVICE	TRAVERSING
2. MANUFACTURE	극동호이스트 (주)
3. FRAME NUMBER	90 L
4. RATED POWER	0.5/0.25 KW x 6/12 P
5. RATED VOLTAGE AND FREQUENCY	460 V 60 Hz
6. MOTOR TYPE	SQUIRREL CAGE ROTOR TYPE
7. SERVICE FACTOR AND RATTING	1.0 , 30 MIN
8. LOCATION AND INSULATION CLASS	INDOOR, OUTDOOR, B CLASS
9. DESIGN TRMPERATURE RISE(BY RESISTANCE)	80 ℃
10. FULL LOAD SPEED	1050 / 460 RPM
11. FULL LOAD CURRENT	1.57/1.78 A
12. LOCKED ROTOR CURRENT	6.3/524 A
13. MINIMUM STARTING VOLTAGE	418 V
14. EFFICIENCY AT 100% RATED LOAD	57.5/3508 %
15. POWER FACTOR AT 100% RATED LOAD	64.5/50.0 %
16. FULL LOAD TORQUE	0.757/0.506 KG.M
17. SITE ALTTITUDE(UNDER)	1000 M
18. ENCLOSURE & COOLING METHOD	T E N V
19. TYPE OF BEARING	PL : 6205zz OPL : 6204zz
20. MOUNTING	H O R I Z O N T A L
21. MAXIMUM AMBIENT TEMPURE	40 ℃
22. BEARING LUBRICATION	G R E A S E
23. STARTING METHOD	F U L L V O L T A G E

THREE PHASE INDUCTION MOTOR DATE SHEET

SCHEDULE OF TECHNICAL DATA

1. SERVICE	TRAVERSING
2. MANUFACTURE	극동호이스트 (주)
3. FRAME NUMBER	90 L
4. RATED POWER	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 TRMPERATURE RISE(BY RESISTANCE)	80 ℃
10. FULL LOAD SPEED	1050 / 460 RPM
11. FULL LOAD CURRENT	1.56/1.76 A
12. LOCKED ROTOR CURRENT	6.2/5.1 A
13. MINIMUM STARTING VOLTAGE	436 V
14. EFFICIENCY AT 100% RATED LOAD	57.5/3508 %
15. POWER FACTOR AT 100% RATED LOAD	64.5/50.0 %
16. FULL LOAD TORQUE	0.757/0.506 KG.M
17. SITE ALTTITUDE(UNDER)	1000 M
18. ENCLOSURE & COOLING METHOD	T E N V
19. TYPE OF BEARING	PL : 6205zz OPL : 6204zz
20. MOUNTING	H O R I Z O N T A L
21. MAXIMUM AMBIENT TEMPURE	40 ℃
22. BEARING LUBRICATION	G R E A S E
23. STARTING METHOD	F U L L V O L T A G E



CERT NO. 201209WRW47800

DATE Feb. 20, 2013

MILL TEST CERTIFICATE

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

OF KSD 3514 - 2002 (B Grade)

TO MESSRS _____

MATERIAL DESCRIPTION UNGALVANIZED STEEL WIRE ROPE

06 X 36 (WS) + FC 500 M X 5 REEL

EX NO. 1W6058

ORDER NO. _____ REEL NO. 1 ~ 5 SAMPLING NO. 1

DIAMETER OF ROPE 14.000 mm TYPE OF CORE FC

SPECIFIED BREAKING LOAD 116.00 kN SAMPLE BROKE AT 127.34 kN

WT. OF ZINC COATING OF OUTER WIRE MIN. 0.000 g/m²

ROPE LAY RHRL LAY LENGTH 90.9 mm

LUBRICATION A-2

CHEMICAL ANALYSIS OF WIRE ROD

CHARGE NO.	C X 100	Si X 100	Mn X 100	P X 1000	S X 1000
SF17867	72	20	71	12	8

DATE OF SAMPLE TEST Sep. 07, 2012

Approved by Q.C Manager H. J. LIM
KISWIRE LTD., KOREA



KS



JIS



API



ABS



KR



NK



G.Lloyd's



DNV



L.R



BV