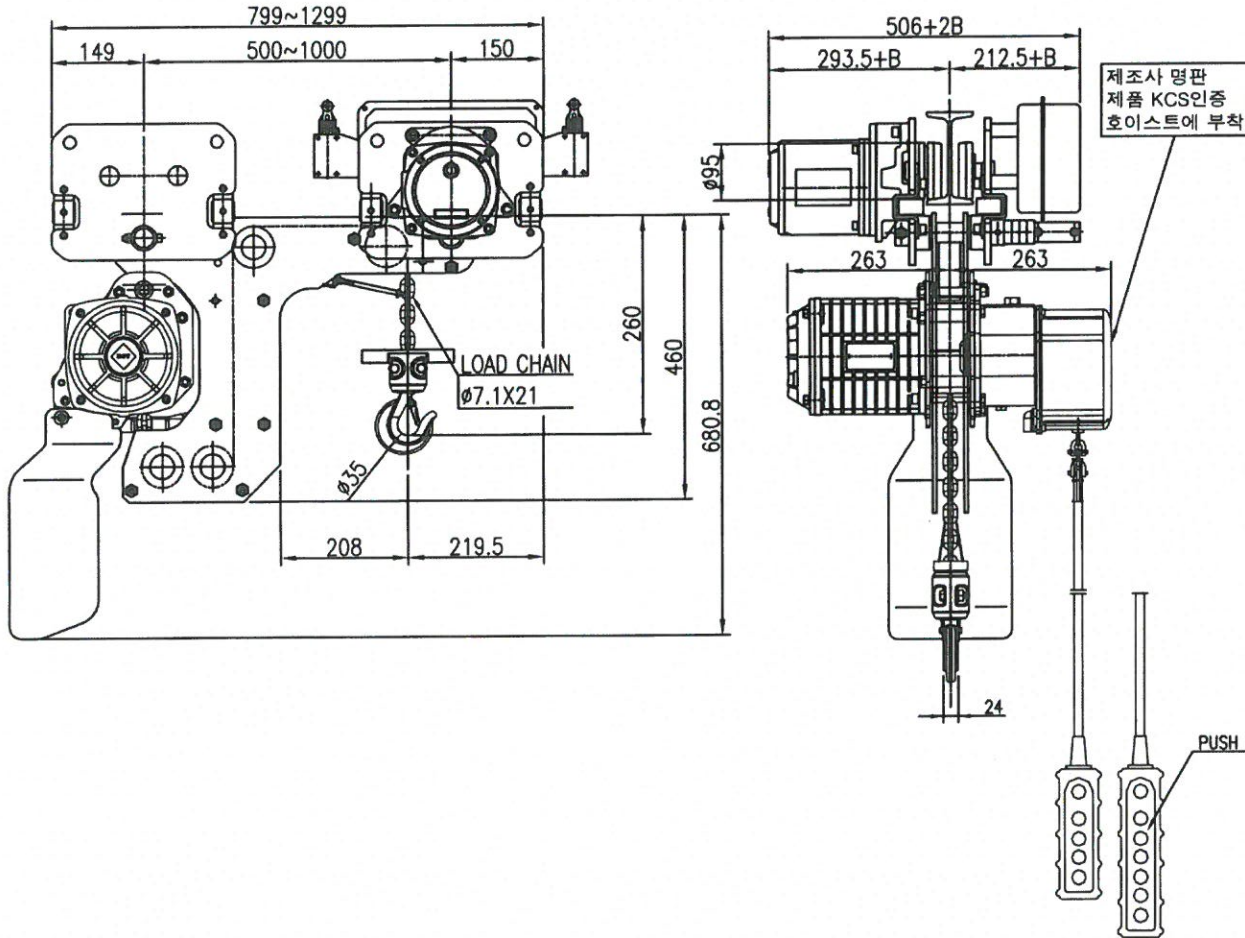


TECHNICAL SPECIFICATION



DESCRIPTION		1 TON (모노레일 식)	
TYPE		DSTHM - 1S	
RATED LOAD		1 [TON]	
TESTING LOAD		1.25 [TON]	
LIFT		50 [M] (기본 4 [M])	
SPEED & MOTOR	HOISTING (M/MIN) 60Hz	8.2	1.8[Kw] × 4P
	TRAVERSING (M/MIN) 60Hz	15/22	0.4[Kw] × 6P/4P
BRAKE SYSTEM	HOISTING	MAGNET CONE BRAKE	
	TRAVERSING	MECHANICAL BRAKE	
ELECTRIC SPECIFIC- ATION	POWER SOURCE	AC 3PH 60[Hz] 220, 380, 440, 460, 480[V]	
	CONTROL SOURCE	AC 110[V]	
	LIMIT SWITCH	TWO STEP LIMIT SWITCH	
	OVER LOAD LIMITER	ELECTRICAL TYPE.	
	EM. STOP DEVICE	EMERGENCY STOP BUTTON	
LOAD CHAIN	Ø 7.1 × P21 < 1 FALL >		
TRAVERSING POWER SYSTEM		TROLLEY BAR OR FESTOON TYPE	
MAX AMBIENT TEMPERATUE		40[°C]	
RATING		30[min]	
AREA CLASSIFICATION		INDOOR	
CONTROL METHOD		BY PENDANT PUSH BUTTON S/W	
PAINTING COLOR		MUNSELL NO EX8816D YELLOW	
방폭 유무		비방폭	

2020-07-23



NO	DESCRIPTION	MAITL	QTY	WT(KG)	REMARKS

SPECIFICATION	
RATED LOAD	1 TON
TESTING LOAD	1.25 TON
LIFTING HEIGHT	최대 50M (기본 4M)
HOISTING	SPEED 8.2 M/MIN
	MOTOR 1.8 KW x 4P x 1 SET
TRAVERSING	SPEED 15/22 M/MIN
	MOTOR 0.4 KW x 6P/4P x 1 SET
POWER SUPPLY	AC 220/380,440,480V 3φ x 60 Hz
CONTROL SOURCE	AC 110 [V]
OPERATING METHOD	P.B type ON . FL
WEIGHT	201 KG
I-BEAM SIZE	75-175
AREA CLASSIFICATION	INDOOR
LOAD CHAIN	φ7.1xP21 <1 FALL>

NOTE

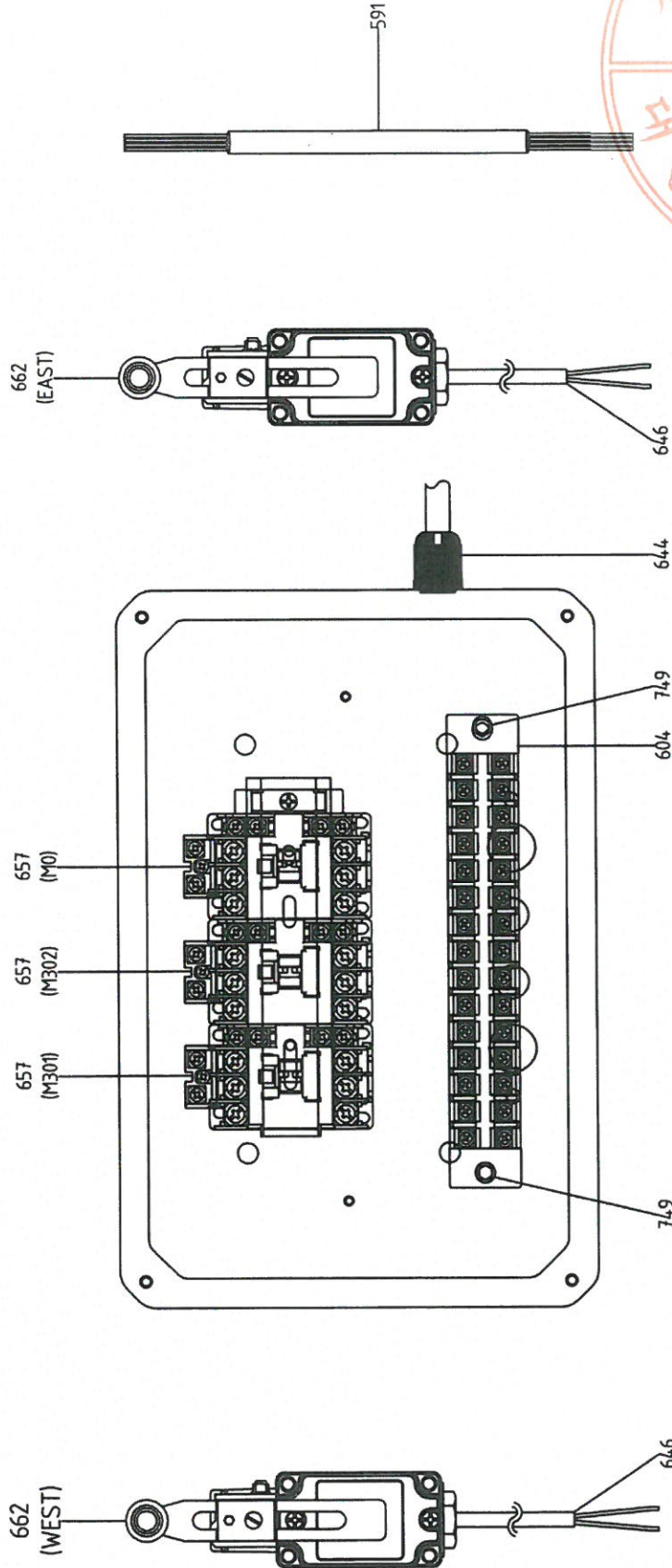
- * ROLLER DIA : φ95
- * 점검시 안전한 사다리 등 사용할 것.
- * BEAM 양끝에 스톱퍼를 설치한다.

TITLE DSTHM-1S CHAIN HOIST				PROJECTION	
WORK NO	MODEL NO				
	DSTHM-1S			SCALE	QTY
				1/1	1
DRAWN	CHECKED	REVIEWED	APPROVED	DRAWING NO	
김수환	-	이학재	선우영구	DSTHM0101S	
2020.06.28	-	2020.06.28	2020.06.28		
DAESAN INOTEK INC					

9/274

REV.NO	DATE	REVISION DESCRIPTION	DRAWN	CHECKED	APPROVED

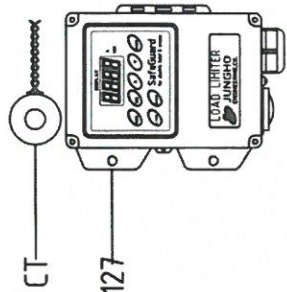
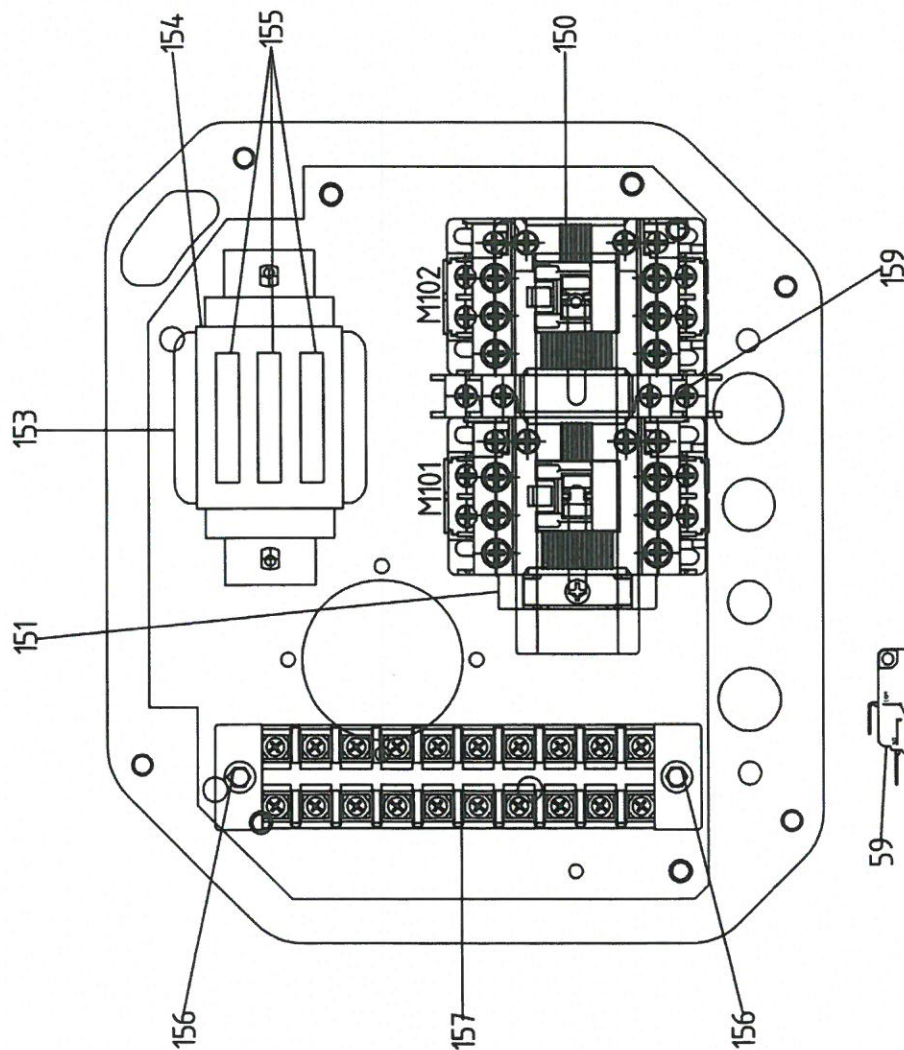
PART NO	COMMODITY	STANDARD	CAPACITY	QTY	M	REMARK
591	POWER CABLE	VCT	25SDAC	15M	KI CABLE	-
604	TERMINAL BLOCK	KTBI-020'S	20A 600VAC	1	HANYOUNG NJX	Machine Screw S/W M4x12
644	CABLE GLAND	BC-MBS-G	MBS	1	BOXCO	-
657	MAGNETIC CONTACTOR	MC-12b	AC3	2	LS IS	-
665	CHANNEL	150mm	150mm	1	DAESAN INOTEC	Machine Screw S/W P/W M4x12 (P/W #6)
667	CHANNEL STOPPER	JTSN-2	-	1	JEONO	-
749	HEX STAY PN	62mm	62mm	2	DAESAN INOTEC	-
646	LIMIT SWITCH CABLE	VCTF	15SD2Cx0.6H	2	KI CABLE	-
662	LIMIT SWITCH	HY-M904	6A-250VAC	2	HANYOUNG NJX	-
M0	MAGNETIC CONTACTOR	MC-22b	AC3	1	LS IS	-



TITLE	DSTHM-IS		
SHEET	1/1		
REVISION NO	0		
3Phase 220,380,440,460,480V 50/60Hz			
TROLLEY CONTROL BOX			
DRAWING	CHECKED	REVIEWED	APPROVED
KIM.H.J	WOO.S.W	Y.K	
20.06.03	20.06.03	20.06.03	
			DSTHM1010E03

DAESAN INOTEC INC.

PART NO	COMMODITY	STANDARD	CAPACITY	QTY	M	REMARK
59	LIMIT SWITCH	KH-9012-HLC	6A-250VAC	1	KONO	-
127	LOAD LIMITER	JULS-70	110VAC	1	JANGHO ENG	Machine Screw S/W P/W M1x12 (P/W #10)
150	CHANNEL	115mm	115mm	1	DAESAN INOTEC	Machine Screw S/W P/W M1x12 (P/W #8)
151	CHANNEL STOPPER	JTSM-2	-	1	JEDNO	-
153	TRANSFORMER	35VA	220,380,440V -110V	1	UECHANG TRANSFORMER	Machine Screw S/W P/W M1x8 (P/W #10)
154	FUSE HOLDER	3P	20A 250VAC	1	IK SUNG	Lapping Screw M1x12
155	FUSE	S61	1A 250VAC	3	ORSEL	-
156	HEX STAY PIN	62mm	62mm	2	DAESAN INOTEC	-
157	TERMINAL BLOCK	KTBI-02010	20A 600VAC	1	HANYOUNG NUX	Machine Screw S/W M1x12
159	MAGNETIC CONTACTOR	MC-2b	AC3	2	LSS	-
CT	CURRENT TRANSFORMER	C-20	80 : 0.08A	1	JUNGHO ENG	-

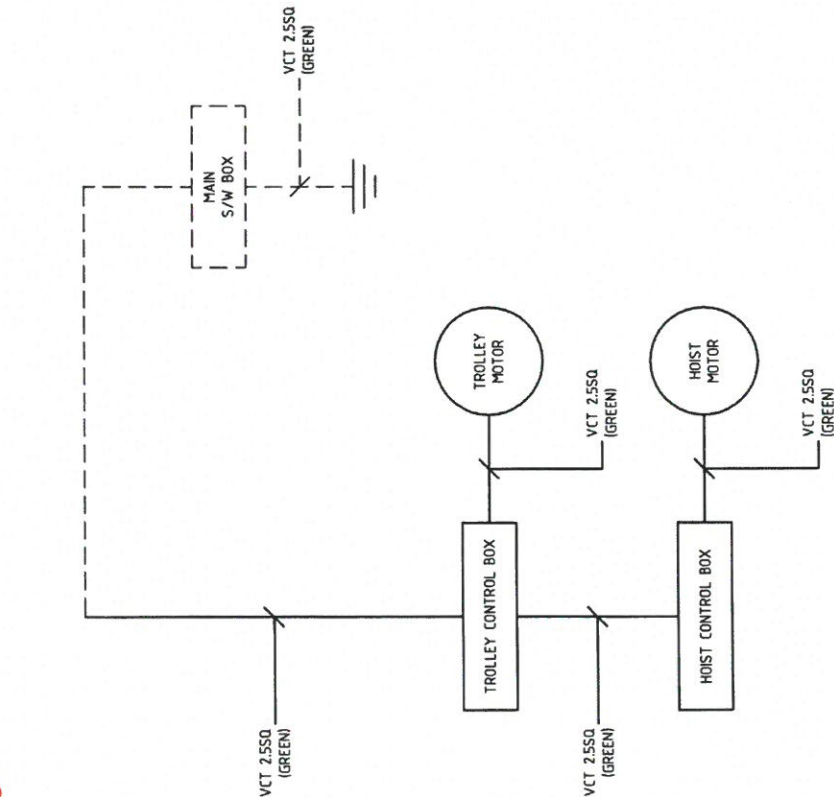


대한산업기계

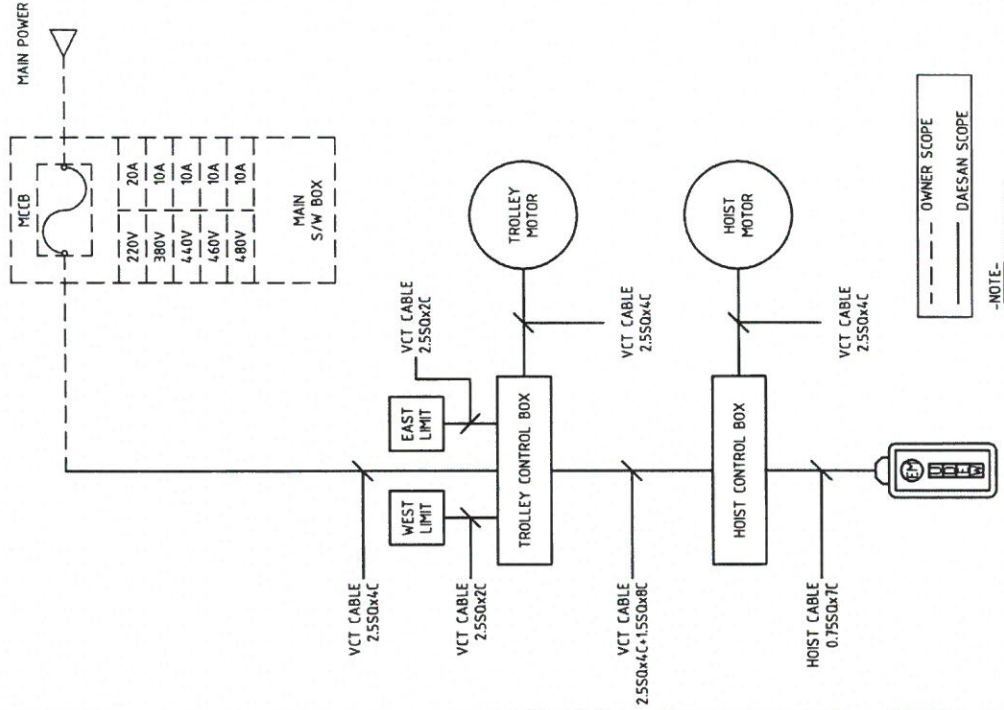
DAESAN INOTEC INC.

TITLE	DSTHM-IS	3Phase 220,380,440,460,480V 50/60Hz	HOIST CONTROL BOX
SHEET	1/1	REVISION NO	0
DRAWING	KIM.H.J WOO.S.W	APPROVED	Y.K
CHECKED	20.06.03	REVIEWED	20.06.03
DRAWING NO	20.06.03	DRAWING NO	DSTHM010E04

GROUNDING



CABLE



-NOTE-
 T. CONNECTION WIRE
 A. POWER : KIV 2.55Q(BLACK)
 B. CONTROL : KIV 1.55Q(RED)

■ 접지공사 시설방법
 1. 전동기의 프레임 제어반, 레일등은 접지를 해야 하며 다음의 규정을 따른다.

접지 저항

3중 접지	400V 이하	100Ω 이하
특별 제3중 접지	400V 초과	10Ω 이하

단 방폭지역은 전압에 관계없이 10Ω 이하일 것.

1. 접지전용 트롤리선 및 전선은 당해 전기기기, 기구에 대하여 충분한 용량 및 전기적, 기계적 강도를 가져야 한다.
2. 접지선이 외상을 받을 우려가 있는 경우에는 전선관, 합성 수지관 등에 보호하여야 한다.
3. 접지공사는 지표면에서 최저 75cm 이상의 깊이에 접지봉을 박고 접지봉에는 접지 동판을 연결한다.

■ NOTE

1. TROLLEY-BAR는 전기 기술기준 제226호(저압접속전선)에 준하여 설치 한다.
2. MAIN S/W BOX는 당해 크레인을 지상에서 쉽게 개폐할 수 있는 잘 보이는 곳에 설치 한다.

DAESAN INOTECH INC.

TITLE	DS THM-1S	SHEET	1/1
	3Phase 220,380,440,460,480V 50/60Hz	REVISION NO	0
	SCHEMATIC DIAGRAM	DRAWING NO	DS THM1010E05
DRAWING	KIM,H.J WOO,S.W	APPROVED	Y.K
DRAWING	20.06.03	REVIEWED	20.06.03

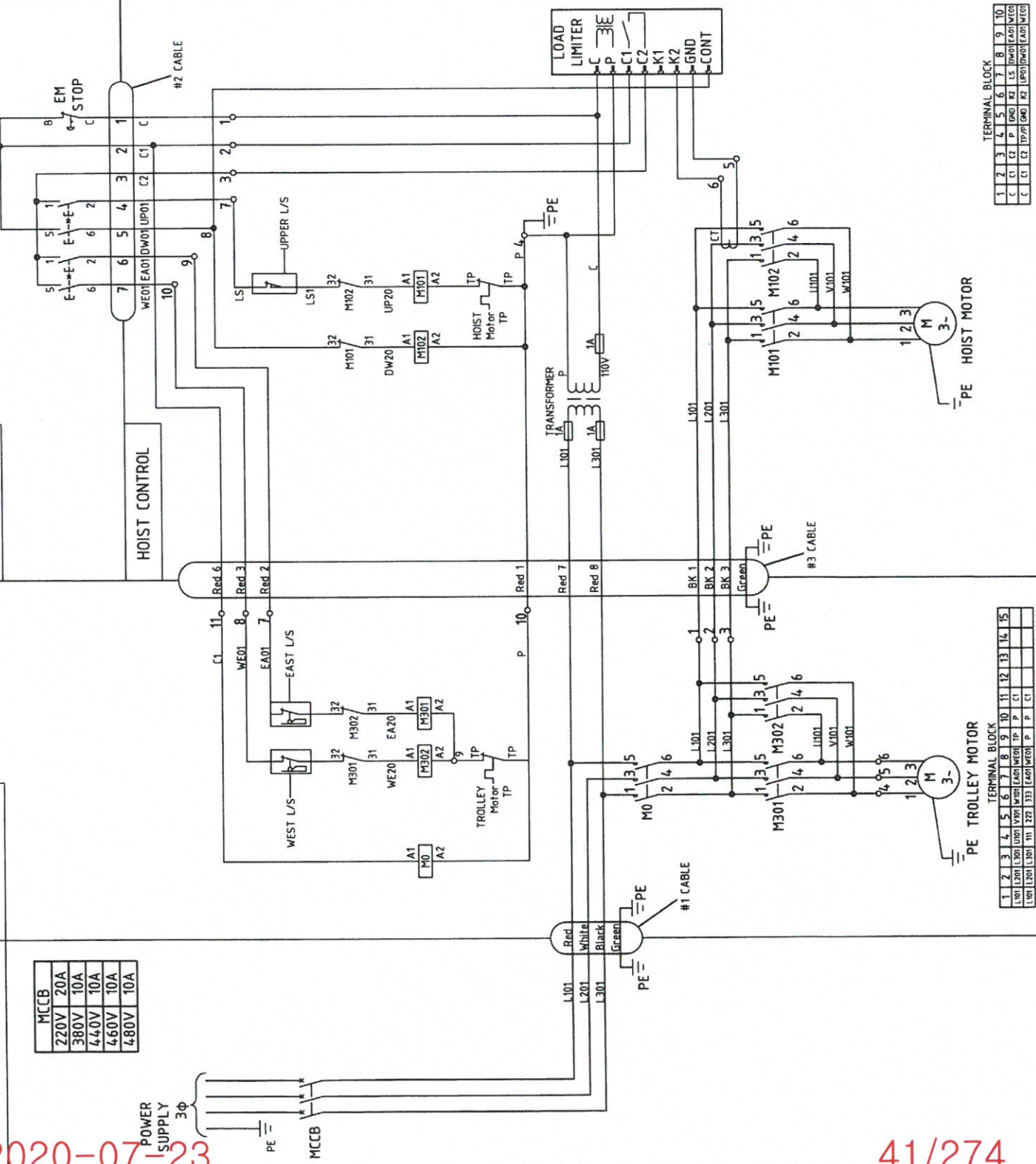
CONSUMER

MCCB	220V	20A
	380V	10A
	4.4.0V	10A
	4.60V	10A
	4.80V	10A

TROLLEY CONTROL

PUSH BUTTON

HOIST CONTROL

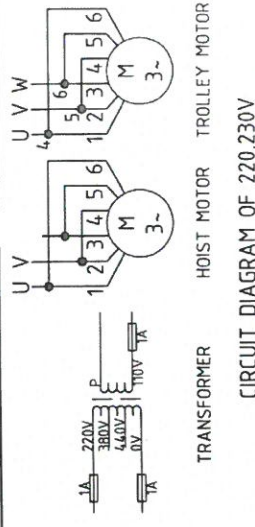


TERMINAL BLOCK

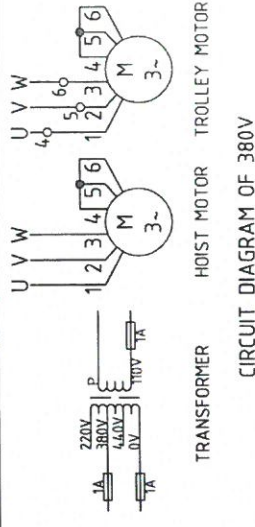
1	2	3	4	5	6	7	8	9	10
L101	L201	L301	L101	L201	L301	L101	L201	L301	L101
L201	L301	L101	L201	L301	L101	L201	L301	L101	L201
L301	L101	L201	L301	L101	L201	L301	L101	L201	L301
L101	L201	L301	L101	L201	L301	L101	L201	L301	L101

TERMINAL BLOCK

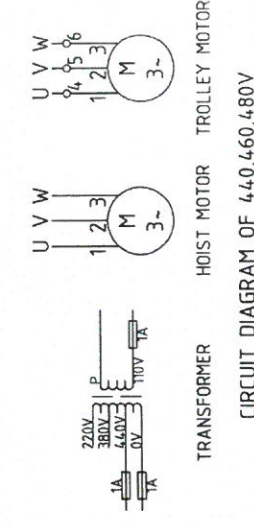
1	2	3	4	5	6	7	8	9	10
L1	L2	L3	L1	L2	L3	L1	L2	L3	L1
L2	L3	L1	L2	L3	L1	L2	L3	L1	L2
L3	L1	L2	L3	L1	L2	L3	L1	L2	L3
L1	L2	L3	L1	L2	L3	L1	L2	L3	L1



CIRCUIT DIAGRAM OF 220, 380V



CIRCUIT DIAGRAM OF 380V



CIRCUIT DIAGRAM OF 4.40, 4.60, 4.80V

NOTE
 1. POWER WIRE : 2.550 BLACK
 2. CONTROL WIRE : 1.550 RED
 3. EARTH WIRE : 2.550 GREEN

ABBREVIATION
 CT : CURRENT TRANSFORMER
 MCCB : MOLDED CASE CIRCUIT BREAKER
 TP : THERMAL PROTECTOR
 EM : EMERGENCY
 BK : BLACK
 RD : RED
 GR : GREEN
 YL : YELLOW

MOTOR SPEC
 1. HOIST : 3φ 18kW 4P
 2. TROLLEY : 3φ 0.4kW 6P

CABLE
 #1. POWER CABLE
 #2. HOIST CABLE
 #3. COMBINED CABLE

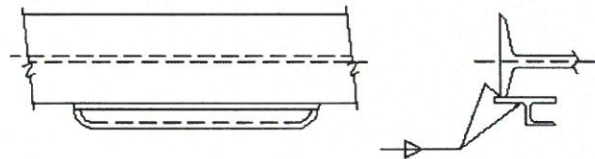
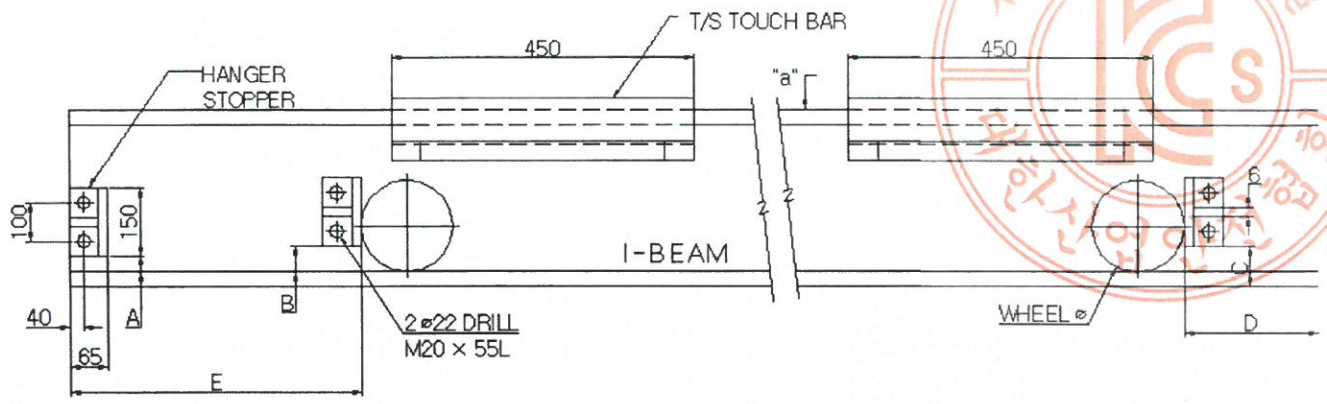
TITLE

DSTHM-1S
 3Phase 220, 380, 4.40, 4.60, 4.80V 50/60Hz
 CIRCUIT DIAGRAM

DRAWING	CHECKED	REVIEWED	APPROVED
KIM.H.J	WOO.S.W		Y.K
20.06.03	20.06.03		20.06.03

SHEET 1/1
 REVISION NO 0
 DRAWING NO DSTHM10E06

TRAVERSING STOPPER



VIEW "a"

T/S WHEEL DIA									
MODEL	CAPACITY	I-BEAM		ANGLE	A	B	C	D	E
DSM-1S, DSTHM-1S	1TON								
DSM-1T, DSTHM-1S	1TON	I-300×150×10	L 65 × 6	45	30	60	30	450	산출방법 E=70+N×60 (N:MAGIC HANGER갯수)
		I-250×125×7.5			40	70	40	350	
		I-200×100×7			45	75	40	300	
		I-150×75×5.5			45	75	40	350	

1) BEAM JOINT시 BOLT간 PITCH(MM)

I-BEAM폭	BOLT 체결 PITCH(MM)	BOLT SIZE
75	54	M14-16
100	64	M16-18
150	80	M18-20
175	94	M20-22
190	106	M22-24

2) BOLT에 대한 허용 인장력(KG) 안전율 :5일때

BOLT SIZE \ 재질	4T	8.8T	10.9T	REMARK
M14	920	1840	2300	
M16	1260	2520	3140	
M18	1540	3080	3840	
M20	1960	3920	4900	
M22	2420	4840	6060	
M24	2820	5640	7060	

*허용 전단력 = 허용 인장력 × 0.6

* BOLT 체결시 BOLT의 허용 인장/전단 하중 *



M14

1) 재질 4T일때

* 최소 인장 하중 $P = 4600\text{KG}$
안전율 $S : 5$ 일때

* 허용 인장 하중 $P' = \frac{P}{S} = \frac{4600}{5} = 920\text{KG}$

* 허용 전단 하중 $Z=0.6P' \quad 0.6 \times 920 = 552\text{KG}$

2) 재질 8.8T일때

* 최소 인장 하중 $P = 9200\text{KG}$

* 허용 인장 하중 $P' = \frac{9200}{5} = 1840\text{KG}$

* 허용 전단 하중 $Z=0.6P' \quad 0.6 \times 1840 = 1104\text{KG}$

3) 재질 12.9T일때

* 최소 인장 하중 $P = 11500\text{KG}$

* 허용 인장 하중 $P' = \frac{11500}{5} = 2300\text{KG}$

* 허용 전단 하중 $Z=0.6P' \quad 0.6 \times 2300 = 1380\text{KG}$

M16

1) 재질 4T일때 (미터 보통나사)

* 최소 인장 하중 $P = 6300\text{KG}$
안전율 $S : 5$ 일때

* 허용 인장 하중 $P' = \frac{P}{S} = \frac{6300}{5} = 1260\text{KG}$

* 허용 전단 하중 $Z=0.6P' \quad 0.6 \times 1260 = 756\text{KG}$

2) 재질 8.8T일때

* 최소 인장 하중 $P = 12600\text{KG}$

* 허용 인장 하중 $P' = \frac{12600}{5} = 2520\text{KG}$

* 허용 전단 하중 $Z=0.6P' \quad 0.6 \times 2520 = 1512\text{KG}$

3) 재질 10.9T일때

* 최소 인장 하중 $P = 15700\text{KG}$

* 허용 인장 하중 $P' = \frac{15700}{5} = 3140\text{KG}$

* 허용 전단 하중 $Z=0.6P' \quad 0.6 \times 3140 = 1884\text{KG}$

M18

1) 재질 4T일때

* 최소 인장 하중 $P = 7700\text{KG}$

* 허용 인장 하중 $P' = \frac{7700}{5} = 1540\text{KG}$

* 허용 전단 하중 $Z=0.6P' \quad 0.6 \times 1540 = 924\text{KG}$

2) 재질 8.8T일때

* 최소 인장 하중 $P = 15400\text{KG}$

* 허용 인장 하중 $P' = \frac{15400}{5} = 3080\text{KG}$

* 허용 전단 하중 $Z=0.6P' \quad 0.6 \times 3080 = 1848\text{KG}$

3) 재질 10.9T일때

* 최소 인장 하중 $P = 19200\text{KG}$

* 허용 인장 하중 $P' = \frac{19200}{5} = 3840\text{KG}$

* 허용 전단 하중 $Z=0.6P' \quad 0.6 \times 3840 = 2304\text{KG}$

M20

1) 재질 4T일때

* 최소 인장 하중 $P = 9800\text{KG}$

* 허용 인장 하중 $P' = \frac{9800}{5} = 1960\text{KG}$

* 허용 전단 하중 $Z=0.6P' \quad 0.6 \times 1960 = 1176\text{KG}$



2) 재질 8.8T일때

- * 최소 인장 하중 $P = 19600\text{KG}$
- * 허용 인장 하중 $P' = \frac{19600}{5} = 3920\text{KG}$
- * 허용 전단 하중 $Z=0.6P' \quad 0.6 \cdot 3920 = 2352\text{KG}$

3) 재질 10.9T일때

- * 최소 인장 하중 $P = 24500\text{KG}$
- * 허용 인장 하중 $P' = \frac{24500}{5} = 4900\text{KG}$
- * 허용 전단 하중 $Z=0.6P' \quad 0.6 \cdot 4900 = 2940\text{KG}$

M22

1) 재질 4T일때

- * 최소 인장 하중 $P = 12100\text{KG}$
- * 허용 인장 하중 $P' = \frac{12100}{5} = 2420\text{KG}$
- * 허용 전단 하중 $Z=0.6P' \quad 0.6 \cdot 2420 = 1452\text{KG}$

2) 재질 8.8T일때

- * 최소 인장 하중 $P = 24200\text{KG}$
- * 허용 인장 하중 $P' = \frac{24200}{5} = 4840\text{KG}$
- * 허용 전단 하중 $Z=0.6P' \quad 0.6 \cdot 4840 = 2904\text{KG}$

3) 재질 10.9T일때

- * 최소 인장 하중 $P = 30300\text{KG}$
- * 허용 인장 하중 $P' = \frac{30300}{5} = 6060\text{KG}$
- * 허용 전단 하중 $Z=0.6P' \quad 0.6 \cdot 6060 = 3636\text{KG}$

M24

1) 재질 4T일때

- * 최소 인장 하중 $P = 14100\text{KG}$
- * 허용 인장 하중 $P' = \frac{14100}{5} = 2820\text{KG}$
- * 허용 전단 하중 $Z=0.6P' \quad 0.6 \cdot 2820 = 1692\text{KG}$

2) 재질 8.8T일때

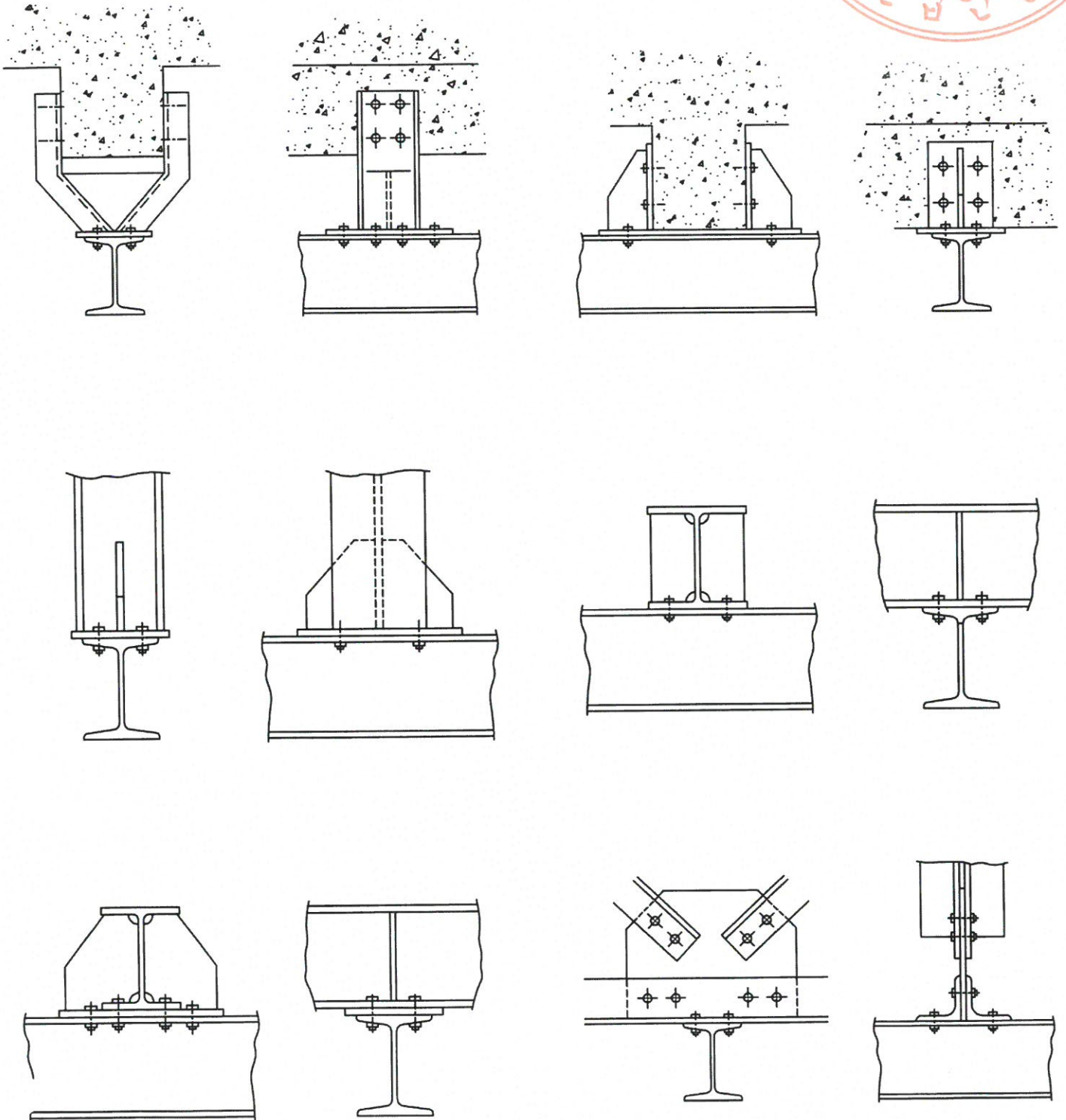
- * 최소 인장 하중 $P = 28200\text{KG}$
- * 허용 인장 하중 $P' = \frac{28200}{5} = 5640\text{KG}$
- * 허용 전단 하중 $Z=0.6P' \quad 0.6 \cdot 5640 = 3384\text{KG}$

3) 재질 10.9T일때

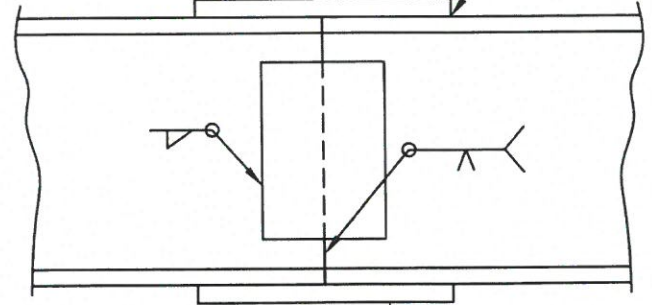
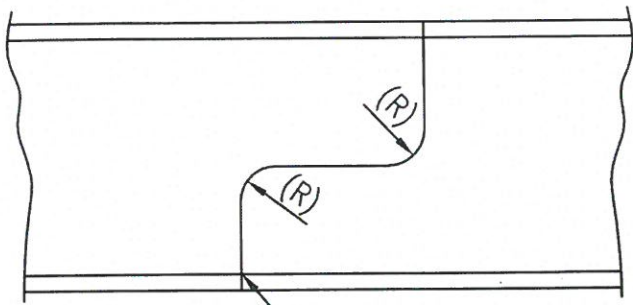
- * 최소 인장 하중 $P = 35300\text{KG}$
- * 허용 인장 하중 $P' = \frac{35300}{5} = 7060\text{KG}$
- * 허용 전단 하중 $Z=0.6P' \quad 0.6 \cdot 7060 = 4236\text{KG}$

MONORAIL용 I-BEAM의 취부법

A) BOLT 체결의 여러가지 방법

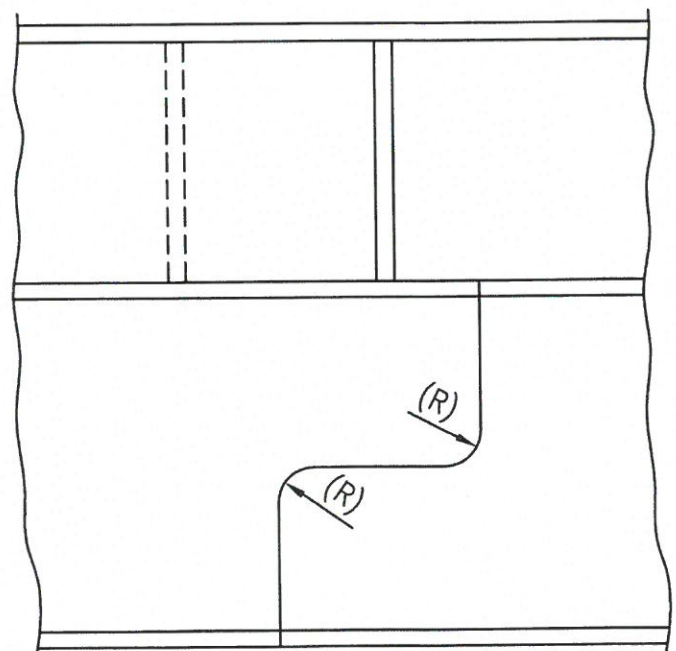
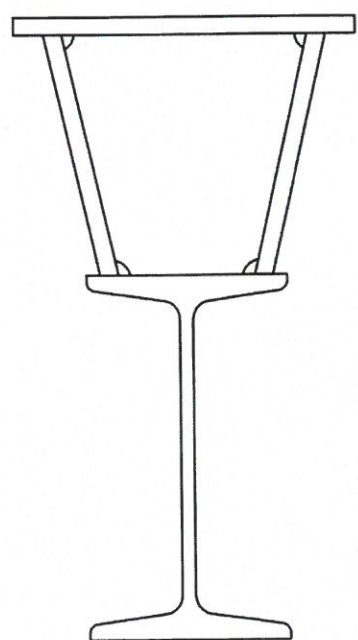
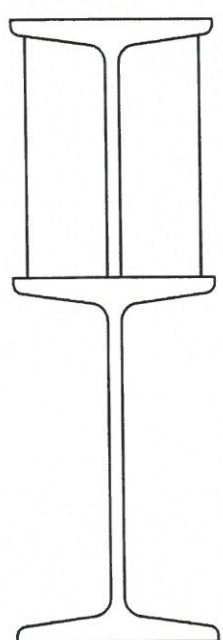


B) I-BEAM의 JOINT방법



횡행 주행면은 용접후
그라인딩 사상

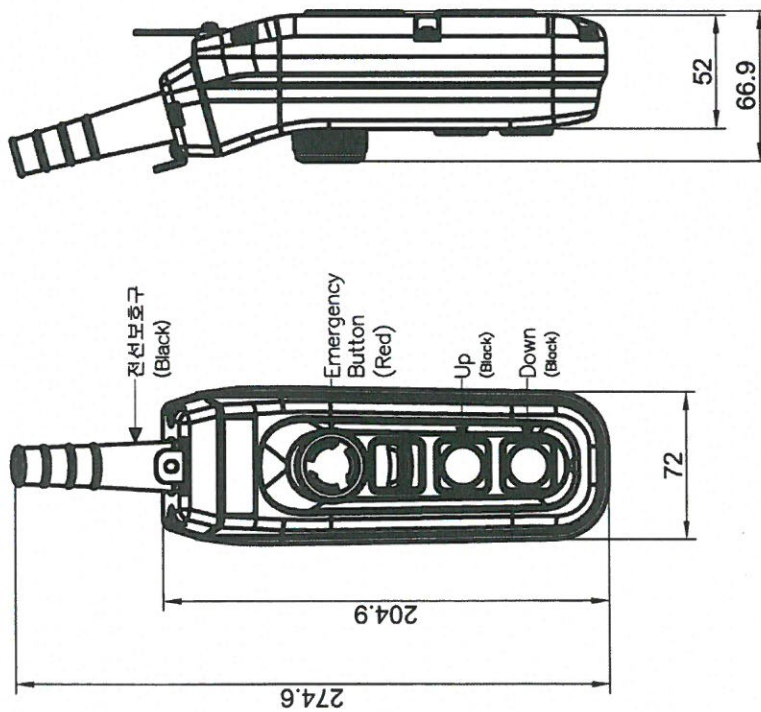
판의 두께는 I-BEAM의
후렌지 두께 정도



DSTHM-1S I-BEAM CALCULATION SHEET




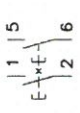

	I-150x75x5.5	I-200x100x7	I-250x125x7.5	I-300x150x10	I-450x175x11
SPAN L=CM	280	460	690	1100	1530
Ix(Cm⁴)	819	2170	5180	12700	39200
Iy(Cm⁴)	58	138	337	886	1510
Zx(Cm³)	109	217	414	849	1740
ZY(Cm³)	15	28	54	118	173
σ1(Kg. Cm²)	678.42	950.09	787.41	607.67	506.87
δ 2(Cm)	0.319	0.534	0.756	1.249	1.089
δ/L	1/855.454	1/810.287	1/802.764	1/802.376	1/812.350



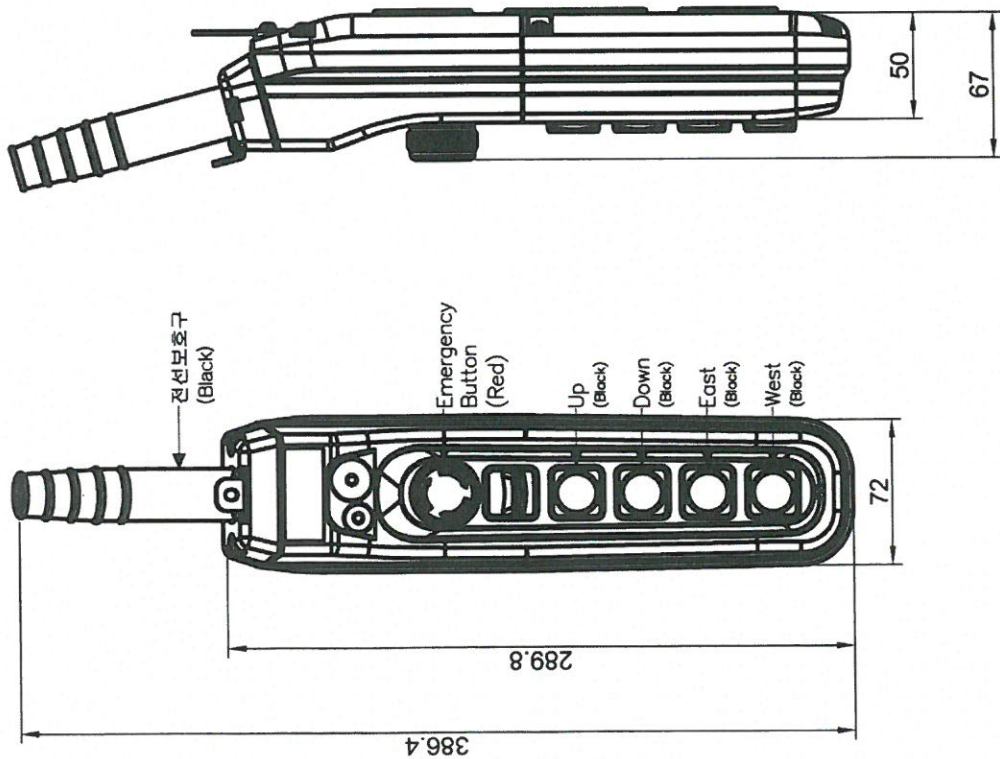
※ 사양

정격 전류	6 A 250 V a.c.
정격 전압	10 A 250 V a.c. 비상용 스위치 (푸쉬 록-턴 리셋)
내 전압	100 MΩ (500 V a.c.)
내 전압	2000 V a.c. 1 분간 (충진부-비충진부 사이)
보호 구조	IP-65
재질	케이스 : 고흡격용 ABS수지 점점 : AgSnO2
진동 (내구)	10 - 55 Hz 복진폭 1.0 mm
충격 (내구)	500 m/s ²
사용주위 온도	-10 ~ 45 °C
사용주위 습도	45 ~ 85 % R.H.

※ 점점구성

비상용 스위치	1단 스위치	2단 스위치
		

TITLE				SHEET	
HOIST SWITCH				1/1	
HY-P1024S				REVISION NO	
2 POINT				0	
DRAWING	CHECKED	REVIEWED	APPROVED	DRAWING NO	
KIM.H.J	WOO.S.W		Y.K	HY-P1022SB	
20.03.16	20.03.16		20.03.16		
DAESAN INOTECH INC.					



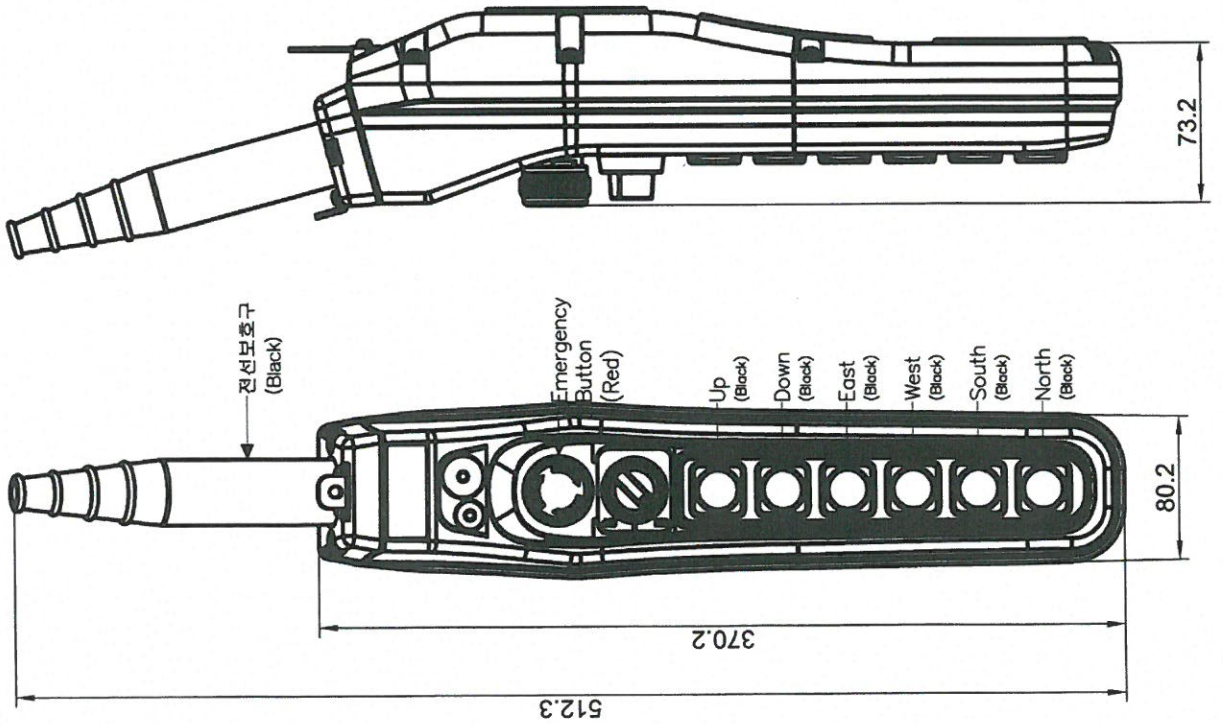
※ 사양

정격 전류	6 A 250 V a.c.
정격 전압	10 A 250 V a.c. 비상용 스위치 (푸쉬 록-턴 리셋) 100 MVA (500 V a.c.)
내전압	2000 V a.c. 1분간 (송진부-비송진부 사이)
보호구조	IP-65
재질	케이스 : 고타격용 ABS수지 점접 : AgSnO2
진동 (내구)	10 - 55 Hz 복진폭 1.0 mm
충격 (내구)	500 ms ²
사용주위 온도	-10 ~ 45 °C
사용주위 습도	45 ~ 85 % R.H.

※ 접점구성

비상용 스위치	1단 스위치	2단 스위치

TITLE		SHEET	
HOIST SWITCH		1/1	
HY-P1024S		REVISION NO	
4 POINT		0	
DRAWING	CHECKED	REVIEWED	APPROVED
KIM.H.J	WOO.S.W		Y.K
20.03.16	20.03.16	20.03.16	20.03.16
DAESAN INOTECH INC.			DRAWING NO
			HY-P1024SBB



※ 사양

정격 전 류	6 A 250 V a.c.
결연 지 항	10 A 250 V a.c. 비상용 스위치 (무수 특-턴 리셋) 100 MΩ (500 V a.c.)
내 권 압	2000 V a.c. 1분간 (충진부-비충진부 시01)
보호 구 조	IP-65
재 질	케이스 : 고풍격용 ABS수지 점점 : AgSnO2
진 동 (내 구)	10 - 55 Hz 복진폭 1.0 mm
충 격 (내 구)	500 m/s ²
사용주위 온도	-10 ~ 45 °C
사용주위 습도	45 ~ 85 % R.H.

※ 점점구성

비상용 스위치	1단 스위치	2단 스위치

TITLE				SHEET	
HOIST SWITCH				1/1	
HY-P1024SB BB				REVISION NO	
6 POINT				0	
DRAWING	CHECKED	REVIEWED	APPROVED	DRAWING NO	
KIM.H.J	WOO.S.W		Y.K	HY-P1026SB BB	
20.03.16	20.03.16		20.03.16		
DAESAN INOTECH INC.					



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



SCHEDULE OF TECHNICAL DATA

1. SERVICE	HOISTING
2. MANUFACTURE	DAESAN INOTEC INC.
3. MOTOR MODEL NO.	DSTI - 1S - 220
4. RATED POWER	1.8 KW x 4 P
5. RATED VOLTAGE AND FREQUENCY	220 V 60 HZ
6. MOTOR TYPE	SQUIRREL CAGE ROTOR YPE
7. RATING	30 MIN
8. LOCATION	IN-DOOR
9. INSULATION CLASS	F
10. DESING TEMPERATURE RISE (BY RESISTANCE)	80°C
11. FULL LOAD SPEED	1750 RPM
12. FULL LOAD CURRENT	7.4 A
13. STARTING CURRENT AT RATED VOLTAGE	47.0 A
14. MINIMUM STATING VOLTAGE	198 V
15. EFFICIENCY AT 100% RAGED LOAD	72.0%
16. POWER FACTOR AT 100% RATED LOAD	70.0%
17. STARTING TORQUE	238%
18. TYPE OF ENCLOSURE	전폐형
19. TYPE OF BEARING	PL : 6204DD OPL : 6208ZZ
20. MOUNTING	VERTICAL
21. MAXIMUM AMBIENT TEMPERATURE	40°C
22. BEARING LUBRICATION	GREASE
23. STARTING METHOD	FULL VOLTAGE

SCHEDULE OF TECHNICAL DATA

1. SERVICE	HOISTING
2. MANUFACTURE	DAESAN INOTEC INC.
3. MOTOR MODEL NO.	DSTI - 1S - 380
4. RATED POWER	1.8 KW x 4 P
5. RATED VOLTAGE AND FREQUENCY	380 V 60 HZ
6. MOTOR TYPE	SQUIRREL CAGE ROTOR YPE
7. RATING	30 MIN
8. LOCATION	IN-DOOR
9. INSULATION CLASS	F
10. DESING TEMPERATURE RISE (BY RESISTANCE)	80°C
11. FULL LOAD SPEED	1750 RPM
12. FULL LOAD CURRENT	3.9 A
13. STARTING CURRENT AT RATED VOLTAGE	26.8 A
14. MINIMUM STATING VOLTAGE	342 V
15. EFFICIENCY AT 100% RAGED LOAD	72.5%
16. POWER FACTOR AT 100% RATED LOAD	68.8%
17. STARTING TORQUE	243%
18. TYPE OF ENCLOSURE	전폐형
19. TYPE OF BEARING	PL : 6204DD OPL : 6208ZZ
20. MOUNTING	VERTICAL
21. MAXIMUM AMBIENT TEMPERATURE	40°C
22. BEARING LUBRICATION	GREASE
23. STARTING METHOD	FULL VOLTAGE

SCHEDULE OF TECHNICAL DATA

1. SERVICE	HOISTING
2. MANUFACTURE	DAESAN INOTEC INC.
3. MOTOR MODEL NO.	DSTI - 1S - 440
4. RATED POWER	1.8 KW x 4 P
5. RATED VOLTAGE AND FREQUENCY	440 V 60 HZ
6. MOTOR TYPE	SQUIRREL CAGE ROTOR YPE
7. RATING	30 MIN
8. LOCATION	IN-DOOR
9. INSULATION CLASS	F
10. DESING TEMPERATURE RISE (BY RESISTANCE)	80°C
11. FULL LOAD SPEED	1750 RPM
12. FULL LOAD CURRENT	3.4 A
13. STARTING CURRENT AT RATED VOLTAGE	22.8 A
14. MINIMUM STATING VOLTAGE	396 V
15. EFFICIENCY AT 100% RAGED LOAD	71.9%
16. POWER FACTOR AT 100% RATED LOAD	69.8%
17. STARTING TORQUE	245%
18. TYPE OF ENCLOSURE	전폐형
19. TYPE OF BEARING	PL : 6204DD OPL : 6208ZZ
20. MOUNTING	VERTICAL
21. MAXIMUM AMBIENT TEMPERATURE	40°C
22. BEARING LUBRICATION	GREASE
23. STARTING METHOD	FULL VOLTAGE

SCHEDULE OF TECHNICAL DATA

1. SERVICE	HOISTING
2. MANUFACTURE	DAESAN INOTEC INC.
3. MOTOR MODEL NO.	DSTI - 1S - 460
4. RATED POWER	1.8 KW x 4 P
5. RATED VOLTAGE AND FREQUENCY	460 V 60 HZ
6. MOTOR TYPE	SQUIRREL CAGE ROTOR YPE
7. RATING	30 MIN
8. LOCATION	IN-DOOR
9. INSULATION CLASS	F
10. DESING TEMPERATURE RISE (BY RESISTANCE)	80°C
11. FULL LOAD SPEED	1750 RPM
12. FULL LOAD CURRENT	3.3 A
13. STARTING CURRENT AT RATED VOLTAGE	21.8 A
14. MINIMUM STATING VOLTAGE	414 V
15. EFFICIENCY AT 100% RAGED LOAD	71.9%
16. POWER FACTOR AT 100% RATED LOAD	69.8%
17. STARTING TORQUE	245%
18. TYPE OF ENCLOSURE	전폐형
19. TYPE OF BEARING	PL : 6204DD OPL : 6208ZZ
20. MOUNTING	VERTICAL
21. MAXIMUM AMBIENT TEMPERATURE	40°C
22. BEARING LUBRICATION	GREASE
23. STARTING METHOD	FULL VOLTAGE

SCHEDULE OF TECHNICAL DATA

1. SERVICE	HOISTING
2. MANUFACTURE	DAESAN INOTEC INC.
3. MOTOR MODEL NO.	DSTI - 1S - 480
4. RATED POWER	1.8 KW x 4 P
5. RATED VOLTAGE AND FREQUENCY	480 V 60 HZ
6. MOTOR TYPE	SQUIRREL CAGE ROTOR YPE
7. RATING	30 MIN
8. LOCATION	IN-DOOR
9. INSULATION CLASS	F
10. DESING TEMPERATURE RISE (BY RESISTANCE)	80°C
11. FULL LOAD SPEED	1750 RPM
12. FULL LOAD CURRENT	3.2 A
13. STARTING CURRENT AT RATED VOLTAGE	21.5 A
14. MINIMUM STATING VOLTAGE	432 V
15. EFFICIENCY AT 100% RAGED LOAD	71.9%
16. POWER FACTOR AT 100% RATED LOAD	69.8%
17. STARTING TORQUE	245%
18. TYPE OF ENCLOSURE	전폐형
19. TYPE OF BEARING	PL : 6204DD OPL : 6208ZZ
20. MOUNTING	VERTICAL
21. MAXIMUM AMBIENT TEMPERATURE	40°C
22. BEARING LUBRICATION	GREASE
23. STARTING METHOD	FULL VOLTAGE

SCHEDULE OF TECHNICAL DATA

1. SERVICE	TRAVERSING
2. MANUFACTURE	DAESAN INOTEC INC.
3. MOTOR MODEL NO.	MT - 1 - 220
4. RATED POWER	0.4 KW x 6 P
5. RATED VOLTAGE AND FREQUENCY	220 V 60 HZ
6. MOTOR TYPE	SQUIRREL CAGE ROTOR YPE
7. RATING	30 MIN
8. LOCATION	IN-DOOR
9. INSULATION CLASS	F
10. DESING TEMPERATURE RISE (BY RESISTANCE)	100°C
11. FULL LOAD SPEED	1140 RPM
12. FULL LOAD CURRENT	3.3 A
13. STARTING CURRENT AT RATED VOLTAGE	13.9 A
14. MINIMUM STATING VOLTAGE	198V
15. EFFICIENCY AT 100% RAGED LOAD	57.5%
16. POWER FACTOR AT 100% RATED LOAD	54.5%
17. STARTING TORQUE	249%
18. TYPE OF ENCLOSURE	전폐형
19. TYPE OF BEARING	PL : 6202DD OPL : 6204ZZ
20. MOUNTING	VERTICAL
21. MAXIMUM AMBIENT TEMPERATURE	40°C
22. BEARING LUBRICATION	GREASE
23. STARTING METHOD	FULL VOLTAGE

SCHEDULE OF TECHNICAL DATA

1. SERVICE	TRAVERSING
2. MANUFACTURE	DAESAN INOTEC INC.
3. MOTOR MODEL NO.	MT - 1 - 380
4. RATED POWER	0.4 KW x 6 P
5. RATED VOLTAGE AND FREQUENCY	380 V 60 HZ
6. MOTOR TYPE	SQUIRREL CAGE ROTOR YPE
7. RATING	30 MIN
8. LOCATION	IN-DOOR
9. INSULATION CLASS	F
10. DESING TEMPERATURE RISE (BY RESISTANCE)	100°C
11. FULL LOAD SPEED	1140 RPM
12. FULL LOAD CURRENT	1.7 A
13. STARTING CURRENT AT RATED VOLTAGE	9.2 A
14. MINIMUM STATING VOLTAGE	342V
15. EFFICIENCY AT 100% RAGED LOAD	53.0%
16. POWER FACTOR AT 100% RATED LOAD	51.0%
17. STARTING TORQUE	249%
18. TYPE OF ENCLOSURE	전폐형
19. TYPE OF BEARING	PL : 6202DD OPL : 6204ZZ
20. MOUNTING	VERTICAL
21. MAXIMUM AMBIENT TEMPERATURE	40°C
22. BEARING LUBRICATION	GREASE
23. STARTING METHOD	FULL VOLTAGE

SCHEDULE OF TECHNICAL DATA

1. SERVICE	TRAVERSING
2. MANUFACTURE	DAESAN INOTEC INC.
3. MOTOR MODEL NO.	MT - 1 - 440
4. RATED POWER	0.4 KW x 6 P
5. RATED VOLTAGE AND FREQUENCY	440 V 60 HZ
6. MOTOR TYPE	SQUIRREL CAGE ROTOR YPE
7. RATING	30 MIN
8. LOCATION	IN-DOOR
9. INSULATION CLASS	F
10. DESING TEMPERATURE RISE (BY RESISTANCE)	100°C
11. FULL LOAD SPEED	1140 RPM
12. FULL LOAD CURRENT	1.5 A
13. STARTING CURRENT AT RATED VOLTAGE	9.2 A
14. MINIMUM STATING VOLTAGE	396V
15. EFFICIENCY AT 100% RAGED LOAD	55.3%
16. POWER FACTOR AT 100% RATED LOAD	57.2%
17. STARTING TORQUE	249%
18. TYPE OF ENCLOSURE	전폐형
19. TYPE OF BEARING	PL : 6202DD OPL : 6204ZZ
20. MOUNTING	VERTICAL
21. MAXIMUM AMBIENT TEMPERATURE	40°C
22. BEARING LUBRICATION	GREASE
23. STARTING METHOD	FULL VOLTAGE