



B BANDO

ELECTRIC CHAIN HOIST



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INNOBIZ

BEFORE
SERVICE

POWER



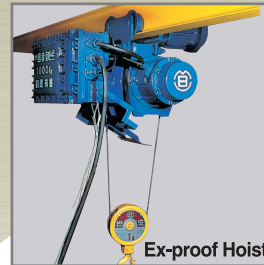
반도 호이스트크레인
BANDO CRANES

Main Products

www.bandohoist.com



Wire Rope Hoist



Ex-proof Hoist



Chain Hoist



i-LIFTER



Crane



Conveyor



F/A System



CI-LIFTER

Wire Rope Hoist & Explosion-proof Hoist

Mono-Rail Type	1/2ton~20ton
Double-Rail Type	2ton~140ton
Low-Head Type	0.5ton~5ton
Creep Type	1ton~140ton
Main & Aux. Hoist	5/2ton~100/60ton
Double Low-Head Type	2ton~7.5ton

Ceo Hoist

600 700 800 900 1,000 1,100 Series

Chain Hoist

CM, CS, CP, CG Type 0.25ton~20ton

Cranes

Hoist Crane	1/2ton~140ton
Crab Crane	5ton~200ton
Gantry Crane	1/2ton~140ton
Jib Crane	1/2ton~10ton

Components of Crane

Saddle Unit	160 \varnothing ~800 \varnothing
Wheel Unit	160 \varnothing ~800 \varnothing
Geared Motor	0.2kW~5.5kW
Soft Starter	
Load Limiter	

Tongs & Coil Lifter

Spool Hanger	5ton~40ton
Coil Lifter	10ton~40ton
C-Hook	5ton~30ton

Conveyor

Custom Engineered Conveyor Systems

F/A System

Automated Storage & Retrieval System



Ceo Hoist



Pendant Push Button Controllers

Load Limiter

Soft Starter

Geared Motor-A
(ET TYPE)

Geared Motor-B
(오투기 TYPE)

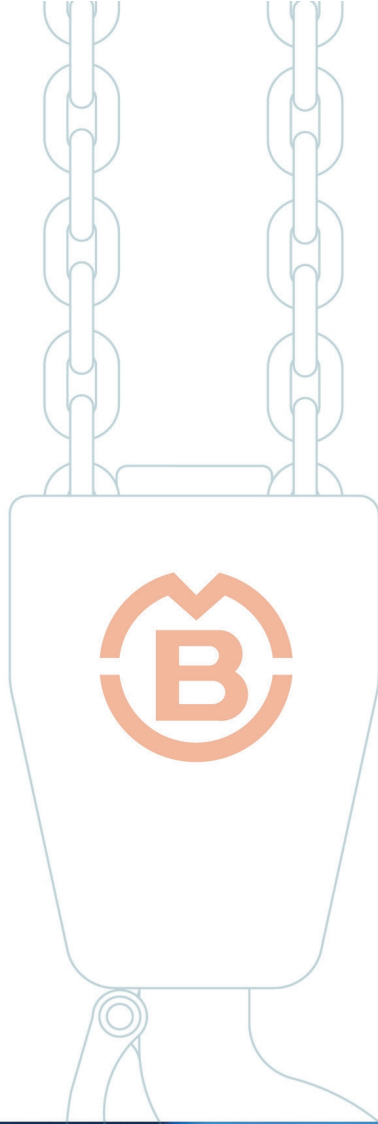
Geared Motor-C
(넙죽이 TYPE)

Electric Chain Hoist



CONTENTS

- 2 제품소개
INTRODUCTION
- 5 BANDO CHAIN HOIST의 특징
CHARACTERISTICS OF BANDO CHAIN HOIST
- 6 타입 및 표준사양
TYPE & STANDARD SPECIFICATIONS
- 7 기종선정요령
SELECTION OF BANDO CHAINHOIST
- 8 CS형 사양
CS TYPE SPECIFICATION
- 9 CM형 사양
CM TYPE SPECIFICATION
- 10 CP/CG형 사양
CG/CP TYPE SPECIFICATION
- 11 CS/CG/CM형 사양
CS/CG/CM TYPE SPECIFICATION
- 12 크레인 관련기기
CRANE COMPONENTS
- 13 호이스트 관련기기
HOIST ACCESSORIES



호이스트에는 WIRE ROPE HOIST와 CHAIN HOIST가 있으나
일반적으로 사용빈도가 많은 철강, 제지, 화학공장에는
WIRE ROPE HOIST를 주로 사용하고,
사용빈도가 적은 곳에서는 CHAIN HOIST를 사용합니다.
특히 아래와 같은 작업장소에서는 CHAIN HOIST가
더욱 유용하게 사용될 수 있습니다.

- 1) LOW HEAD TYPE이므로 건물 높이가 낮은 곳에서의 작업
- 2) 기계 및 금형공장에서의 공작물 및 JIG SETTING 작업
- 3) 시험연구소 및 전기전자 조립공장의 제품운반 작업



운반하역 작업의 **성력화**와
합리화에는 반도호이스트크레인의
CHAIN HOIST로!

BANDO'S
a wide product range
For solving your handling problems

BANDO Hoist & Crane is a leader for material handling equipments in Korea.

Our main products are as follows,

- Electric Wire Rope Hoist (0.5ton~140ton),
- Electric Chain Hoist (0.25ton~20ton),
- Cranes (0.5ton~200ton).

Bando chain hoist are

- Long life with no trouble,
- Quiet driving and high operator's safety,
- High work efficiency
- Wide work place

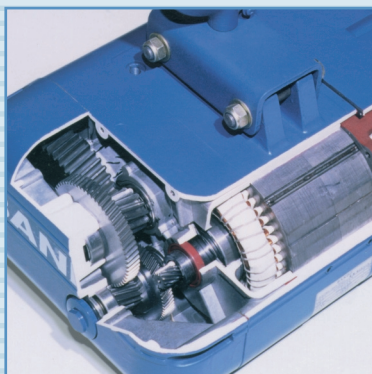
it will satisfy your requirement.

To make BANDO chain hoist use more effectively, Chain hoist series, and Wire hoist accessories, and Crane endcarriages are available.

BANDO CHAIN HOIST의 특징

CHARACTERISTICS

BANDO CHAIN HOIST
is distinguished from existing
Chain Hoist in following characteristics.



- 1) 권상에 있어서 고속과 미속(속도비 4:1)의 DUAL SPEED TYPE이 표준사양으로 되어있기에 작업효율성이 높아집니다.
- 2) ALL DIE CASTING의 BODY와 ENGINEERING PLASTIC의 COVER를 사용하여 가볍고 튼튼하며 구조가 COMPACT 하므로 취급이 용이합니다.
- 3) 기존 CHAIN HOIST의 고장원인은 대부분 상한 LIMIT SWITCH의 LEVER에 있었던바 BANDO CHAIN HOIST에는 상한 LIMIT SWITCH 대신 SLIP CLUTCH장치를 채용하여 고장요인을 제거하였습니다.
- 4) BANDO CHAIN HOIST는 구조가 COMPACT하고 HOOK간 거리가 짧아서 작업공간이 협소하거나 낮은 건물에서도 작업범위가 넓어졌습니다.
- 5) 절연등급 'F' 종의 HIGH TORQUE MOTOR와 연마된 GEAR를 사용하므로써 소음과 진동이 적어 정숙한 운전이 가능합니다.
- 6) LOAD CHAIN은 "FEC"제품이 사용되고 PUSH BUTTON에는 기계적 INTERLOCK BUTTON을 사용하므로써 운전자의 안전을 더욱 높였습니다.
- 7) 과부하에 대한 SLIP CLUTCH와 전기적 OVER LOADLIMITER의 2중 안전장치가 채택되어 OVER LOAD로부터 CHAIN HOIST를 보호하므로써 고장없이 장기간 사용할 수 있습니다.
- 8) 기존 CHAIN HOIST의 가장 큰 취약점인 호이스트의 좌우 흔들림을 CE SERIES에선 본체와 횡행부를 직결로 체결하여 무부하 및 부하시 흔들림을 원천적으로 차단하였습니다.
- 9) CE SERIES의 경우 각 PART 별로 분리가 용이하여 A/S시 더욱 간편하게 작업할 수 있습니다.
- 10) 최적의 가격으로 최고의 성능이 발휘되도록 설계되었습니다.

BANDO CHAIN HOIST는
아래와 같은 점에서 기존 CHAIN HOIST와는
다르며 그것이 BANDO CHAIN HOIST의
특징이기도 합니다.

- 1) High Work Efficiency, designed as Dual-Speed type of high/ low speed (Ratio 4 : 1) for winding.
- 2) Easy Use, as a compact design. It is light and durable because it uses Body of AL Die Casting and Cover of Engineering Plastic.
- 3) Removed Trouble Cause, by employing Slip Clutch instead of Upper / Lower Limit Switch. Common cause of trouble with existing Chain Hoist was Lever of Upper / Lower Limit Switch.
- 4) Wide Work Place, because New BANDO CHAIN HOIST has a Compact Design and Short Distance between Hooks, is makes work possible in a small workplace or in a low - ceilinged building.
- 5) Quiet Driving, little noise and little bibration by using High TorqueÇ Motor with "F" insulation rating and ground Gear.
- 6) High Operator's Safety, by using "FEC" for Load Chain and mechanical Interlock Button for Push button.
- 7) Long Life with No Trouble, employing dual safety device to protect Chain Hoist from overload, Slip Clutch and Electric Over Load Limiter against overload.

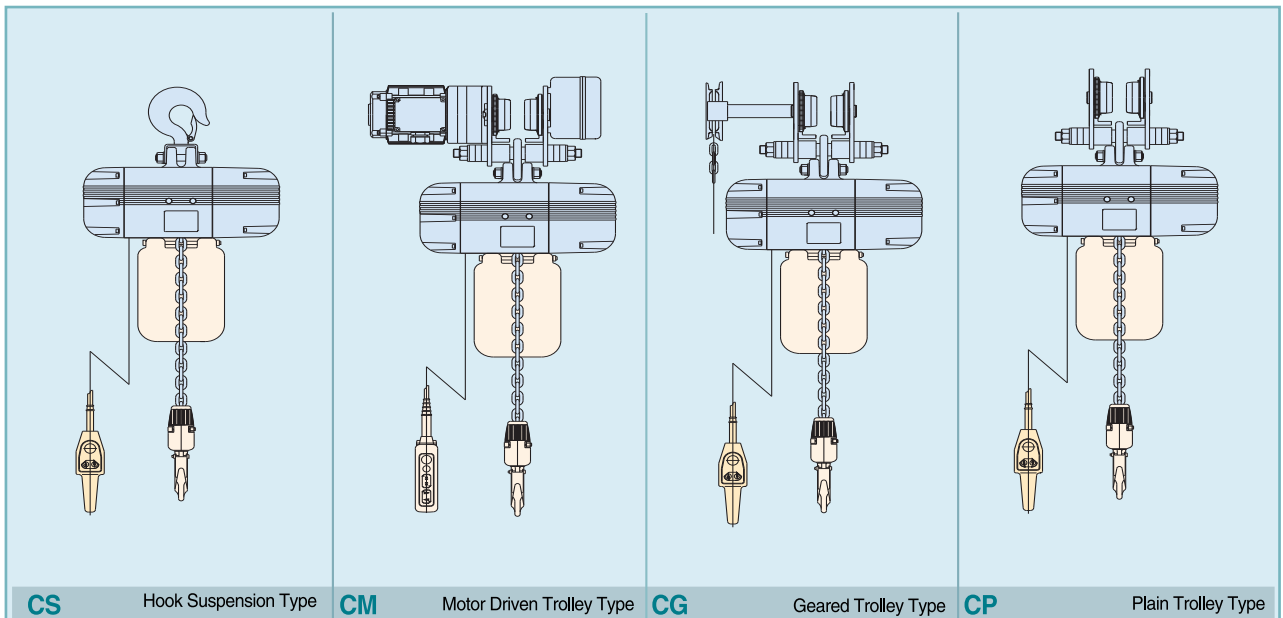
1. TYPE(설명)

CM	TYPE	CS : Hook Suspension Type	CG : Geared Trolley Type
		CP : Plain Trolley Type	CM : Motor Driven Trolley Type
2	LOAD CHAIN FALL	1 : 1Fall	2 : 2Fall
0100	CAPACITY	0050 : 500kg	0100 : 1000kg
D	HOISTING SPEED	D : Dual Speed L : Low Speed	H : High Speed
H/L	TRAVERSING SPEED	H : High Speed	L : Low Speed

2. STANDARD SPECIFICATIONS

사 양	CS/CG/CP	CM
POWER SOURCE	AC3Ø220V 50/60Hz, 380V 50/60Hz, 440V 50/60Hz	
PUSH BUTTON	3 - point(O, U, D)	5 - point (O, U, D, E, W) 7 - point (O, U, D, E, W, S, N)
CONTROL VOLTAGE	AC 110V	
CONSTRUCTION	Weather and dust proof	
AMBIENT TEMPERATURE	-10°C ~ + 40°C	
COATING COLOR	Munsell 10B3/5	
INSULATION CLASS	F class	
UTILIZATION FACTOR	25%ED, 240time/hr	

3. HOIST TYPE(기종)



CHAIN HOIST 기종을 작업용도에 맞도록 적절하게 선정하시면 고장없이 오랫동안 사용할 수 있습니다.

You can use CHAIN HOIST for a long time without and trouble if you select it properly according to the purpose of work.

1) 부하시간율과 시동빈도에 대하여 (Load-Time Factor and Starting Frequency)

BANDO CHAIN HOIST는 반복운전에 걸리는 부하시간율은 25% 시동빈도는 240회/시간으로 되어있습니다.
(BANDO CHAIN HOIST has 25% of Load-Time Factor and statring Frequency of 240 times/hour)

부하시간율 (Load-Time Factor)	=	$\frac{\text{격심한 작업조건에서 전동기에 통전되는 시간의 합계 (Total hours Powered into Motor in hard work condition)}}{60\text{분 (60 minutes)}}$
사용빈도 (Starting frequency)	=	격심한 작업조건에서 1시간당 시동횟수 (Starting time per hour in hard work condition)

2) HOIST의 사용빈도 (Application Frequency of Hoist)

일일평균사용시간 (hr)		≤0.5	≤1	≤2	≤4	≤8	≤16	>16
경부하 Light Loading	 <p>통상30%이하의 경하중에서 정격 하중으로도 사용 Usually very small loads and in exceptional cases only to maximum loads.</p>	I m	I m	I m	II m	II m	III m	IV m
표준부하 Standard Loading	 <p>통상50~80%의 하중에서 정격 하중으로도 사용 Usually medium loads but frequently to maximum loads.</p>	I m	I m	II m	II m	III m	IV m	V m
중부하 Heavy Loading	 <p>정격에 가까운 하중에서 자주 사용됨 Usually maximum or almost maximum load.</p>	I m	II m	III m	IV m	IV m	V m	V m

* 상기표의 I m, II m, III m 등의 기호는 크레인 구조규격의 적용군을 표시합니다. (I m, II m, and III m in the table mean application range of crane standard)

3) CRANE의 종류와 적용군 (Type and application)

CRANE 종류	적용군	CRANE 종류	적용군
발전소 천정크레인 Power Plant Traveling Crane	I m	버킷 천정크레인 Bucket Traveling Crane	II m-IV m
기계공장 천정크레인 Machine Factory Traveling Crane	I m	스크랩 야드크레인 Scrap Yard Crane	IV m (I m-IV m)
창고천정 크레인 Store House Traveling Crance	II m-III m	철판운반용 마그넷 천정크레인 Magnet Traveling Crane for Conveying steel Plate	III m-IV m (I m-IV m)
작업장천정 크레인 Workplace Traveling Crane	I m-II m (II m)	주조 크레인 Casting Crane	III m-IV m (II m-IV m)

(주) () 내는 보편을 표시함

Note : () means auxiliary hoisting range

4) 부하시간율과 시동빈도의 산출예 (Calculation of Load-Time Factor and Starting Frequency)

■ 부하시간율 (Load-Time Factor)

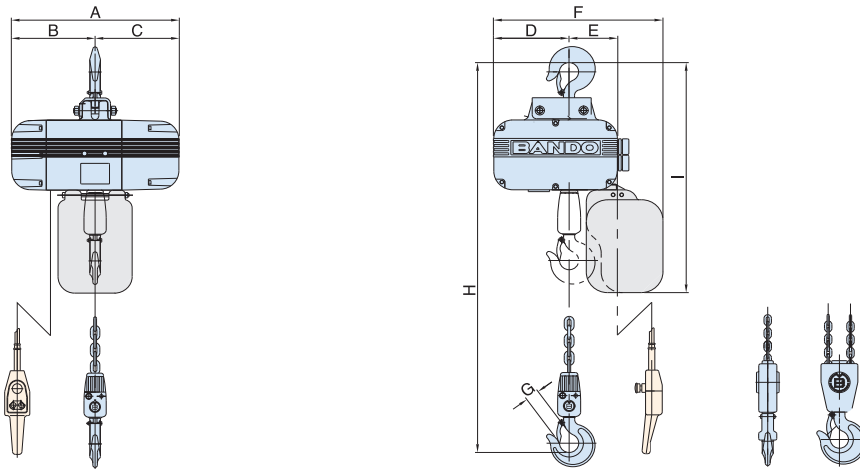
$$2 \times \frac{3}{10} \times \frac{25}{60} \times 100 = 25\%$$

실양정 Actual head (권상+권하(회) Winding+Unwinding(Time))
 1시간내의 운반횟수 Conveying time per hour (권상속도(m/min) Winding speed(m/min))
 1시간(60분) 1hour (60min)

■ 사용빈도 (Starting Frequency)

$$2 \times 5 \times 24 = 240\text{time/hr}$$

1시간내의 운반횟수 Conveying time per hour (권상+권하(회) Winding+Unwinding)
 1회당 시동횟수 Starting time per time



ELECTRIC CHAIN HOIST

Specifications

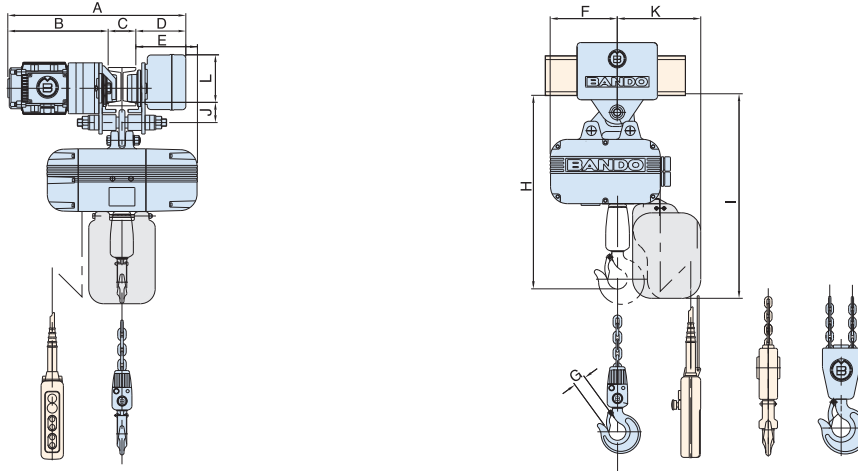
Working Load(t)	Model	Lift (m)	Hoisting Speed(m/min)		Hoisting Motor		Load Chain dia × falls	Net Weight (kg)	Weight in kg for Additional One Meter of Lift(kg)
			50Hz	60Hz	Output(kw)	Rating(min)			
0.25	CS10025D	4	8.3/2.1	10/2.5	1.0/0.25	30	5.0 × 1	34	0.55
0.5	CS10050D		8.3/2.1	10/2.5	1.0/0.25		5.0 × 1	34	0.55
1	CS20100D		4.2/1.1	5/1.25	1.0/0.25		5.0 × 2	39	1.1
1	CS10100D		8.3/2.1	10/2.5	1.9/0.48		7.1 × 1	53	1.1
2	CS20200D		4.2/1.1	5/1.25	1.9/0.48		7.1 × 2	62	2.2
2	CS10200D		6.7/1.7	8/2	3.3/0.83		11.2 × 1	129	2.73
2.5	CS10250D		5.4/1.35	6.4/1.6	3.3/0.83		11.2 × 1	129	2.73
2.8	CS20280D		4.3/1.1	5.2/1.3	3.3/0.83		11.2 × 2	160	5.46
3	CS20300D		4.3/1.1	5.2/1.3	3.3/0.83		11.2 × 2	160	5.46
5	CS20500D		2.7/0.7	3.2/0.8	3.3/0.83		11.2 × 2	165	5.46

Working Load(t)	Model	Lift (m)	Hoisting Speed(m/min)		Hoisting Motor		Load Chain dia × falls	Net Weight (kg)	Weight in kg for Additional One Meter of Lift(kg)
			50Hz	60Hz	Output(kw)	Rating(min)			
0.25	CS10025H	4	8.3	10	1.0	30	5.0 × 1	34	0.55
0.5	CS10050H		8.3	10	1.0		5.0 × 1	34	0.55
1	CS20100H		4.2	5	1.0		5.0 × 2	39	1.1
1	CS10100H		8.3	10	1.9		7.1 × 1	53	1.1
2	CS20200H		4.2	5	1.9		7.1 × 2	62	2.2
2	CS10200H		6.7	8	3.3		11.2 × 1	129	2.73
2.5	CS10250H		5.4	6.4	3.3		11.2 × 1	129	2.73
2.8	CS20280H		4.3	5.2	3.3		11.2 × 2	160	5.46
3	CS20300H		4.3	5.2	3.3		11.2 × 2	160	5.46
5	CS20500H		2.7	3.2	3.3		11.2 × 2	165	5.46

Working Load(t)	Model	Lift (m)	Hoisting Speed(m/min)		Hoisting Motor		Load Chain dia × falls	Net Weight (kg)	Weight in kg for Additional One Meter of Lift(kg)
			50Hz	60Hz	Output(kw)	Rating(min)			
0.25	CS10025L	4	4.2	5	0.5	30	5.0 × 1	34	0.55
0.5	CS10050L		4.2	5	0.5		5.0 × 1	34	0.55
1	CS20100L		2.1	2.5	0.5		5.0 × 2	39	1.1
1	CS10100L		4.2	5	1.0		7.1 × 1	53	1.1
2	CS20200L		2.1	2.5	1.0		7.1 × 2	62	2.2
2	CS10200L		3.3	4	1.7		11.2 × 1	129	2.73
2.5	CS10250L		2.7	3.2	1.7		11.2 × 1	129	2.73
2.8	CS20280L		2.2	2.6	1.7		11.2 × 2	160	5.46
3	CS20300L		2.2	2.6	1.7		11.2 × 2	160	5.46
5	CS20500L		1.3	1.6	1.7		11.2 × 2	165	5.46

Dimensions[mm]

Working Load(t)	Model	Min. Distance between Hooks:H	A	B	C	D	E	F	G	I
0.25	CS10025	454	362	167	195	150	112	338	26	518
0.5	CS10050	454							26	518
1	CS20100	499							30	518
1	CS10100	504	409	204	205	178	115	398	30	535
2	CS20200	621							38	610
2	CS10200	730	497	250	247	226	176	494	38	811
2.5	CS10250	737							41	811
2.8	CS20280	860							41	924
3	CS20300	860							41	924
5	CS20500	879							48	924



Specifications

ELECTRIC CHAIN HOIST

Working Load(t)	Model	Lift (m)	Hoisting speed (m/min)		Hoisting Motor		T/S speed (m/min)		T/S Motor		I beam Width (mm)	Minimum Curve Radius (mm)	Load Chain dia x falls	Net Weight (kg)	Weight in kg for Additional One meter of lift(kg)		
			50Hz	60Hz	Output (kw)	Rating (min)	50Hz	60Hz	Output (kw)	Rating (min)							
			DUAL SPEED														
0.25	CM10025DH/L	4	8.3/2.1	10/2.5	1.0/0.25	30	16.7	20	0.25	30	(75)	1000	5.0 x 1	57	0.55		
0.5	CM10050DH/L		8.3/2.1	10/2.5	1.0/0.25							0.25	1000	5.0 x 1	57	0.55	
1	CM20100DH/L		4.2/1.1	5/1.25	1.0/0.25							0.25	1000	5.0 x 2	62	1.1	
1	CM10100DH/L		8.3/2.1	10/2.5	1.9/0.48							0.25	1000	7.1 x 1	78	1.1	
2	CM20200DH/L		4.2/1.1	5/1.25	1.9/0.48							0.25	1000	7.1 x 2	101	2.2	
2	CM10200DH/L		6.7/1.7	8/2	3.3/0.83							0.25	125.150	1500	11.2 x 1	160	2.73
2.5	CM10250DH/L		5.4/1.35	6.4/1.6	3.3/0.83							0.25	125.150	1500	11.2 x 1	173	2.73
2.8	CM20280DH/L		4.3/1.1	5.2/1.3	3.3/0.83							0.25	1500	11.2 x 2	205	5.46	
3	CM20300DH/L		4.3/1.1	5.2/1.3	3.3/0.83							0.25	1500	11.2 x 2	205	5.46	
5	CM20500DH/L		2.7/0.7	3.2/0.8	3.3/0.83							0.75	(125)150.175	2000	11.2 x 2	210	5.46

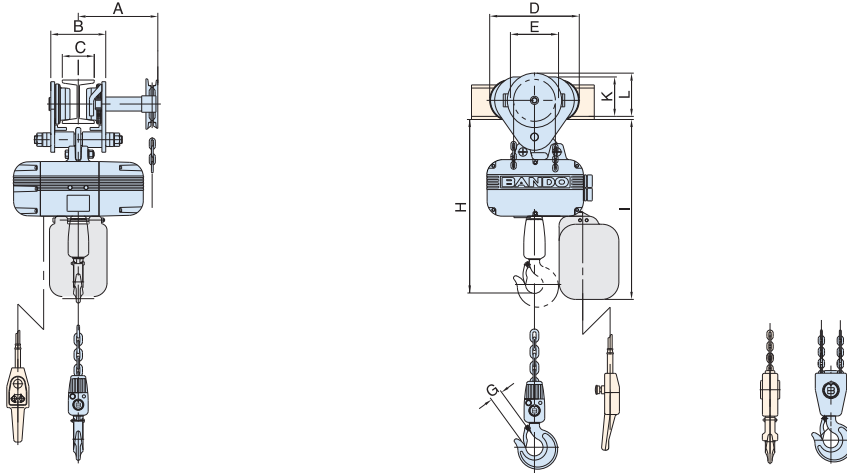
Working Load(t)	Model	Lift (m)	Hoisting speed (m/min)		Hoisting Motor		T/S speed (m/min)		T/S Motor		I beam Width (mm)	Minimum curve radius (mm)	Load Chain dia x falls	Net Weight (kg)	Weight in kg for Additional One meter of lift(kg)		
			50Hz	60Hz	Output (kw)	Rating (min)	50Hz	60Hz	Output (kw)	Rating (min)							
			HIGH SPEED														
0.25	CM10025HH	4	8.3	10	1.0	30	16.7	20	0.25	30	(75)	1000	5.0 x 1	57	0.55		
0.5	CM10050HH		8.3	10	1.0							0.25	1000	5.0 x 1	57	0.55	
1	CM20100HH		4.2	5	1.0							0.25	1000	5.0 x 2	62	1.1	
1	CM10100HH		8.3	10	1.9							0.25	1000	7.1 x 1	78	1.1	
2	CM20200HH		4.2	5	1.9							0.25	1000	7.1 x 2	101	2.2	
2	CM10200HH		6.7	8	3.3							0.25	125.150	1500	11.2 x 1	160	2.73
2.5	CM10250HH		5.4	6.4	3.3							0.25	125.150	1500	11.2 x 1	173	2.73
2.8	CM20280HH		4.3	5.2	3.3							0.25	1500	11.2 x 2	205	5.46	
3	CM20300HH		4.3	5.2	3.3							0.25	1500	11.2 x 2	205	5.46	
5	CM20500HH		2.7	3.2	3.3							0.75	(125)150.175	2000	11.2 x 2	210	5.46

Working Load(t)	Model	Lift (m)	Hoisting speed (m/min)		Hoisting Motor		T/S speed (m/min)		T/S Motor		I beam Width (mm)	Minimum curve radius (mm)	Load Chain dia x falls	Net Weight (kg)	Weight in kg for Additional One meter of lift(kg)		
			50Hz	60Hz	Output (kw)	Rating (min)	50Hz	60Hz	Output (kw)	Rating (min)							
			LOW SPEED														
0.25	CM10025LL	4	4.2	5	0.5	30	8.35	10	0.25	30	(75)	1000	5.0 x 1	57	0.55		
0.5	CM10050LL		4.2	5	0.5							0.25	1000	5.0 x 1	57	0.55	
1	CM20100LL		2.1	2.5	0.5							0.25	1000	5.0 x 2	62	1.1	
1	CM10100LL		4.2	5	1.0							0.25	1000	7.1 x 1	78	1.1	
2	CM20200LL		2.1	2.5	1.0							0.25	1000	7.1 x 2	101	2.2	
2	CM10200LL		3.3	4	1.7							0.25	125.150	1500	11.2 x 1	160	2.73
2.5	CM10250LL		2.7	3.2	1.7							0.25	125.150	1500	11.2 x 1	173	2.73
2.8	CM20280LL		2.2	2.6	1.7							0.25	1500	11.2 x 2	205	5.46	
3	CM20300LL		2.2	2.6	1.7							0.25	1500	11.2 x 2	205	5.46	
5	CM20500LL		1.3	1.6	1.7							0.75	(125)150.175	2000	11.2 x 2	210	5.46

Dimensions[mm]

Working Load(t)	Model	Min.Distance from bottom of I-Beam to Hook:H	A	B	C	D	E	F	G	I	J	K	L
0.25	CM10025	433	483	292	75	136	159	212	26	496	55	196	140
0.5	CM10050	433							26				
1	CM20100	473							30				
1	CM10100	481	530	303	100	147	171	212	30	512	60	201	145
2	CM20200	570							38				
2	CM10200	660							38				
2.5	CM10250	667	557	308	100	170	201	202	41	748	67	254	150
2.8	CM20280	790							41				
3	CM20300	790							41				
5	CM20500	804	567	318	125				41	848	67	344	150

NOTE:0.25~2TON(2FALL)에 TROLLEY BAR 설치시 30A를, 2TON(1FALL)이상에서는 60A를 적용하여 주십시오.



10 ELECTRIC CHAIN HOIST

Specifications

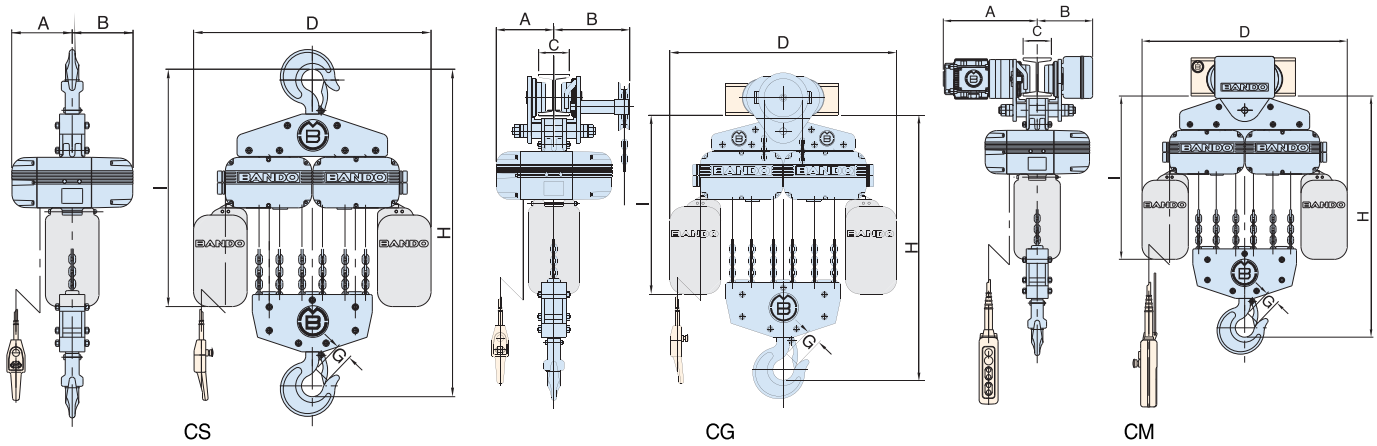
Working Load(t)	Model	Lift (m)	Hoisting Speed(m/min)		Hoisting Motor		I Beam Width (mm)	Minimum Curve Radius (mm)	Load Chain dia × falls	Net Weight (kg)	Weight in kg for Additional One Meter of Lift(kg)
			50Hz	60Hz	Output(kw)	Rating(min)					
0.25	CG10025D	4	8.3/2.1	10/2.5	1.0/0.25	30	(75)100. 125	1000	5.0 × 1	51	0.55
0.5	CG10050D		8.3/2.1	10/2.5	1.0/0.25						
1	CG20100D		4.2/1.1	5/1.25	1.0/0.25						
1	CG10100D		8.3/2.1	10/2.5	1.9/0.48						
2	CG20200D		4.2/1.1	5/1.25	1.9/0.48						
2	CG10200D		6.7/1.7	8/2	3.3/0.83						
2.5	CG10250D		5.4/1.35	6.4/1.6	3.3/0.83						
2.8	CG20280D		4.3/1.1	5.2/1.3	3.3/0.83						
3	CG20300D		4.3/1.1	5.2/1.3	3.3/0.83						
5	CG20500D		2.6/0.65	3.2/0.8	3.3/0.83						

Working Load(t)	Model	Lift (m)	Hoisting Speed(m/min)		Hoisting Motor		I Beam Width (mm)	Minimum Curve Radius (mm)	Load Chain dia × falls	Net Weight (kg)	Weight in kg for Additional One Meter of Lift(kg)
			50Hz	60Hz	Output(kw)	Rating(min)					
0.25	CG10025H	4	8.3	10	1.0	30	(75)100. 125	1000	5.0 × 1	51	0.55
0.5	CG10050H		8.3	10	1.0						
1	CG20100H		4.2	5	1.0						
1	CG10100H		8.3	10	1.9						
2	CG20200H		4.2	5	1.9						
2	CG10200H		6.7	8	3.3						
2.5	CG10250H		5.4	6.4	3.3						
2.8	CG20280H		4.3	5.2	3.3						
3	CG20300H		4.3	5.2	3.3						
5	CG20500H		2.7	3.2	3.3						

Working Load(t)	Model	Lift (m)	Hoisting Speed(m/min)		Hoisting Motor		I Beam Width (mm)	Minimum Curve Radius (mm)	Load Chain dia × falls	Net Weight (kg)	Weight in kg for Additional One Meter of Lift(kg)
			50Hz	60Hz	Output(kw)	Rating(min)					
0.25	CG10025L	4	4.2	5	0.5	30	(75)100. 125	1000	5.0 × 1	51	0.55
0.5	CG10050L		4.2	5	0.5						
1	CG20100L		2.1	2.5	0.5						
1	CG10100L		4.2	5	1.0						
2	CG20200L		2.1	2.5	1.0						
2	CG10200L		3.3	4	1.7						
2.5	CG10250L		2.7	3.2	1.7						
2.8	CG20280L		2.2	2.6	1.7						
3	CG20300L		2.2	2.6	1.7						
5	CG20500L		1.3	1.6	1.7						

Dimensions[mm]

Working Load(t)	Model	Min Distance between Hooks:H	A	B	C	D	E	G	I	K	L
0.25	CG10025	433	230	127	75	210	114	26	496	108	120
0.5	CG10050	433			75			26			
1	CG20100	473			75			30			
1	CG10100	481			75			30			
2	CG20200	570	260	166	100	276	145	38	587	121	120
2	CG10200	667			100			38			
2.5	CG10250	667			100			41			
2.8	CG20280	790			100			41			
3	CG20300	790	295	182	100	282	162	41	848	135	140
3	CG20300	790			100			41			
5	CG20500	804			335			211			



Specifications

Working Load(t)	Model	Lift (m)	Hoisting Speed(m/min)		Hoisting Motor		Load Chain dia × falls	Net Weight (kg)	Weight in kg for Additional One Meter of Lift(kg)
			50Hz	60Hz	Output(kw)	Rating(min)			
7.5	CS40750D	4	2.6/0.65	3.2/0.8	2 × 3.3/0.83	30	11.2 × 4	350	11
10	CS41000D		2.6/0.65	3.2/0.8	2 × 3.3/0.83		11.2 × 4	350	11
15	CS61500D		1.8/0.45	2.1/0.53	2 × 3.3/0.83		11.2 × 6	500	16.4
20	CS82000D		1.3/0.33	1.6/0.4	2 × 3.3/0.83		11.2 × 8	650	22

Working Load(t)	Model	Lift (m)	Hoisting Speed(m/min)		Hoisting Motor		I Beam Width (mm)	Load Chain dia × falls	Net Weight (kg)	Weight in kg for Additional One Meter of Lift(kg)
			50Hz	60Hz	Output(kw)	Rating(min)				
7.5	CG40750D	4	2.6/0.65	3.2/0.8	2 × 3.3/0.83	30	(150)175. 190	11.2 × 4	410	11
10	CG41000D		2.6/0.65	3.2/0.8	2 × 3.3/0.83			11.2 × 4	410	11
15	CG61500D		1.8/0.45	2.1/0.53	2 × 3.3/0.83			11.2 × 6	630	16.4
20	CG82000D		1.3/0.33	1.6/0.4	2 × 3.3/0.83			11.2 × 8	730	22

Working Load (t)	Model	Lift (m)	Hoisting Speed (m/min)		Hoisting Motor		T/S Speed (m/min)		T/S Motor		I Beam Width (mm)	Load Chain dia × falls	Net Weight (kg)	Weight in kg for Additional One Meter of Lift(kg)	
			50Hz	60Hz	Output (kw)	Rating (min)	50Hz	60Hz	Output (kw)	Rating (min)					
7.5	CM40750DH/L	4	2.6/0.65	3.2/0.8	2 × 3.3/0.83	30	16.7	20	0.75	30	(150)175. 190	11.2 × 4	430	11	
10	CM41000DH/L		2.6/0.65	3.2/0.8	2 × 3.3/0.83							0.75	11.2 × 4	430	11
15	CM61500DH/L		1.8/0.45	2.1/0.53	2 × 3.3/0.83							2 × 0.75	11.2 × 6	650	16.4
20	CM82000DH/L		1.3/0.33	1.6/0.4	2 × 3.3/0.83							2 × 0.75	11.2 × 8	750	22

Dimensions[mm]

CS TYPE

Working Load(t)	Model	Min. Distance from Bottom of I-Beam to Hook:H	A	B	D	I	G
7.5	CS40750	1400	250	250	1300	1100	90.5
10	CS41000	1400					
15	CS61500	1700	250	250	1500	1400	111
20	CS82000	1800					112

CG TYPE

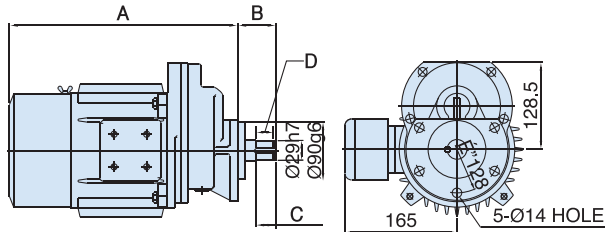
Working Load(t)	Model	Min. Distance from Bottom of I-Beam to Hook:H	A	B	C	D	I	G
7.5	CG40750	1100	250	320	150	1100	1100	90.5
10	CG41000	1100						
15	CG61500	1500	250	320	150	1300	1200	111
20	CG82000	1500						112

CM TYPE

Working Load(t)	Model	Min. Distance from Bottom of I-Beam to Hook:H	A	B	C	D	I	G
7.5	CM40750	1100	380	250	150	1300	1100	90.5
10	CM41000	1100						
15	CM61500	1500	380	250	150	1500	1200	111
20	CM82000	1500						112

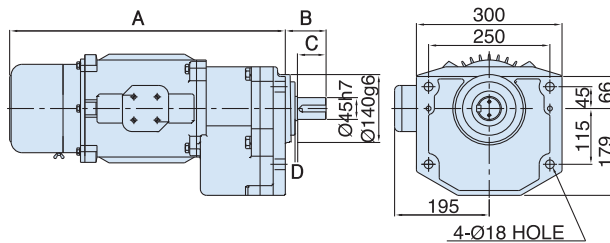
Geared Motor

오투기 TYPE



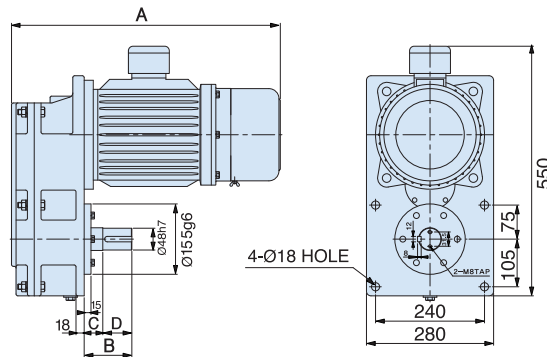
CAP	0.5KWx6P	1KWx6P
DIMENSIONS	0.75KWx4P	1.5KWx4P
A	336	371
B	56.5	77.5
C	29	34
D	25	30
REDUCE RATIO	1/8.4, 1/12.12, 1/16.36	

ET TYPE



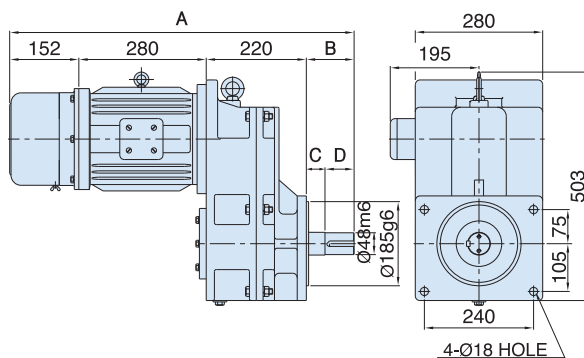
CAP	1.5KWx6P, 2.2KWx4P
DIMENSIONS	
A	565
B	84
C	59
D	5
REDUCE RATIO	1/20.26

넓죽이 A TYPE



CAP	2.2KWx6P, 3.7KWx4P
DIMENSIONS	5.5KWx4P
A	592
B	105
C	41
D	64
REDUCE RATIO	1/22

넓죽이 B TYPE



CAP	2.2KWx6P, 3.7KWx4P
DIMENSIONS	5.5KWx4P
A	757
B	105
C	41
D	64
REDUCE RATIO	1/22

- 특징 : 1) 고정도 GEAR를 사용한 GEARED MOTOR로 정속한 운전 및 쾌적한 작업환경을 보장합니다.
2) 사용자의 용도에 따라 단일속도, 이중속도등 선택 사용할 수 있습니다.


- 1) GEARED MOTOR with high standard GEAR guarantees quiet operation and comfortable work environment.
2) The user can choose between single speed and double speed according to purpose of usage.

Pendant Push Button Controllers

3 POINT	6 POINT	8 POINT	10 POINT
 280 E.S.B UP DOWN 84 Depth:54	 291 HORN E.S.B UP DOWN EAST WEST 74 Depth:64	 351 LAMP E.S.B UP DOWN EAST WEST SOUTH NORTH 74 Depth:64	 415 LAMP LIGHT HORN E.S.B UP DOWN EAST WEST SOUTH NORTH 74 Depth:64
<p>특징 : 1) BANDO PUSH BUTTON S/W는 산업안전보건법에서 요구하는 제반기능 (E.M STOP, LAMP, HORN) 을 조립할 수 있는 LEVER TYPE (기계식 INTERLOCK)의 견고한 제품입니다.</p> <p>2) 단일속도 SWITCH와 이중속도 SWITCH의 조립호환성이 있는 제품입니다.</p>		<p>1) BANDO PUSH BUTTON S/W is a LEVER TYPE (mechanical INTERLOCK) firm product that can assemble various functions (E.M STOP, LAMP, HORN) required by the Health Law of Industrial Safety.</p> <p>2) This is a product that has interchangeability of assembly between single speed SWITCH and double speed SWITCH.</p>	

Load Limiter (Digital Type)

 118 125 90 Depth:58	<p style="background-color: #e67e22; color: white; padding: 2px;">CHAIN HOIST용</p> <p>TYPE : BCDL-80 CAPACITY : 10ton이하 적용MOTOR CHAIN HOIST 전기종 조작전압 : 110V~220V (Free)</p>	<p style="background-color: #e67e22; color: white; padding: 2px;">WIRE HOIST용</p> <p>TYPE : BDL-250 적용MOTOR WIRE HOIST 전기종 조작전압 : 110V~220V (Free)</p>
	<p>특징 : 1) BANDO LOAD LIMITER는 CHAIN HOIST 및 WIRE HOIST 등의 어떠한 제품에도 취부할 수 있도록 다양한 모델을 가지고 있습니다.</p> <p>2) MICRO COMPUTER를 탑재하여 RESET TIME 지연기능 및 과부하 상승시간을 기억하고 있으므로 동일 시간동안 하강하면 AUTO RESET가 되는 기능을 가지고 있습니다.</p> <p>1) BANDO LOAD LIMITER has a various model such as CHAIN HOIST and WIRE HOIST, etc. to accommodate any kinds of products.</p> <p>2) It has a MICRO COMPUTER which remembers the RESET TIME trial movement and overload ascending time. If it descends for a same amount of time, it has a function to change to AUTO RESET.</p>	



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Explosion-proof Hoist
Chain Hoist
Cranes
Components of Crane
Tongs & Coil Lifter
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Health Law for Industrial Safety regulates that all cranes receive inspection on designing, performance and inspection upon completion. Only the cranes that have passed the inspection are allowed to be used. Based on our technology we have been accumulating, our company produces and supplies products that our customers can always be satisfied.
Especially, in the case of HOIST, all the types have already passed the performance inspection of the Industrial Safety Corporation. At the time of completion inspection of CRANES, inspection to HOIST itself will be exempted. Therefore, the inspection period can be shortened.



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