BANDO

ELECTRIC WIRE ROPE HOIST

B A N D O

www.bandohoist.com

ISO 9001 kfq REGISTERED FIRM · CERTIFIED IQNet MANAGEMENT SYSTEM · 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	160Ø~800Ø
Wheel Unit	160Ø~800Ø
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

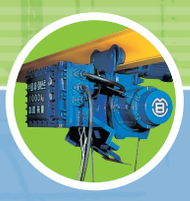
Soft Starter


Geared Motor-A
(ET TYPE)


Geared Motor-B
(오뚜기 TYPE)


Geared Motor-C
(넙죽이 TYPE)

Electric Wire Rope Hoist



CONTENTS

기본사양_ Specifications

Specfications \ Hoist		Regular type				Low-head type	Double-rail type
		Suspension hoist	Hoist with hand-push trolley	Hoist with chain trolley	Hoist with motor-driven trolley	Hoist with motor-driven trolley	Hoist with motor-driven trolley
Acessories and indications	push-button, switch and button indication	3-point(up-down-on/off)			6-point(on/off, pilot, up-down, east-west) 8-point(on/off, pilot, up-down, east-west, south-north)		
	Hoist body traverser	in case hoist body and traverser are separately furnished. spacers and suspension bolts to the traverser.					hoist body and traverser are intergrated
Specifications	Power supply	3Phase power source 220V/200V-60Hz/50Hz 380V/380V-60Hz/50Hz 440V/415V-60Hz/50Hz					
	Ambient temperature	-10°c + 40°c					
	Construction	Weather-and-dust-proof					
	Utilzation factor	$\%ED = \frac{\text{Motor-powered time(min) in one hour with maixmum work rate}}{60\ (\text{min})} \times 100$					
	Coating color	Munsell No For the Hoist Body:10B3/5, For the hook: 8.1 YR7.6/15.2					

형식 및 기종선정 방법_ Model Classification Of HOIST

하기 기호를 표시하여 희망하는 Model을 선정 발주할 수 있음.

□ □ □ □ □ □ □

Type (형식) ····· B (B Type Hoist)
C-B (Creep Hoist)

Kind (종류) ····· N-Regular type (보통형)
L-Low-head type (로-헤드형)
D-Double-rail type (더블레일형)

Rated load (정격하중) ····· 1/2, ~ 20 ····· Regular type
1/2, ~ ····· Low-head type
2, ~ 70 ····· Double-rail type

Hoisting Speed (권상속도) ····· H-High speed (고속)
L-Low speed (저속)

Lift (양정) ····· 6, 12-Regular type
6 -Low-head type
12-Double-rail type

(호이스트본체)

Trolley (횡행차) ····· P-Hand-push trolley Regular type
C-Chain trolley
M-Motordriven trolley

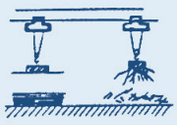
Traversing Speed (횡행속도) ····· H-High speed Motor driven trolley
L-Low speed Motor driven trolley

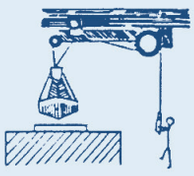
(횡행)

EXAMPLE :
BN3-H6-ML: Regular type 3 ton - high speed, 6m lift - motor trolley, low speed
BL3-L6-MH: Low head type 3 ton - low speed, 6m lift - motor trolley, high speed
Bd3-h12-ml: Double rail type 3 ton - high speed, 12m lift - motor trolley, low speed

호이스트의 사용예_ Examples using HOIST


Suspension Hoist

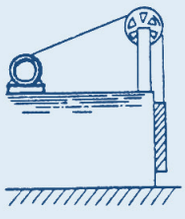

Magnetic Hoist

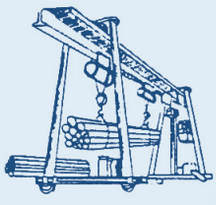

Charging Hoist

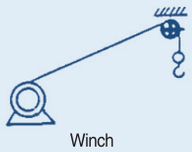

Staker Crane

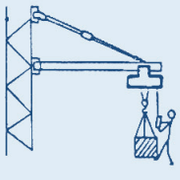

Overhead Travelling Crane


Suspension Hoist

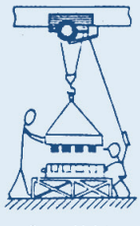

Hoist for Furnace gate


Concrete Pile Factory

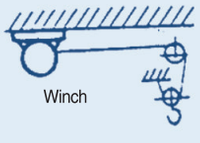

Winch

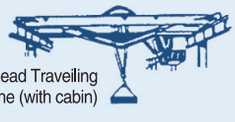

Jib Crane


Tower Crane


Creep Hoist


Derrick Crane


Winch


Overhead Traveiling Crane (with cabin)


Engine Room Crane


Lifter


Automobile Assembly Line


Working Cargo

기본사항 ; SPECIFICATION

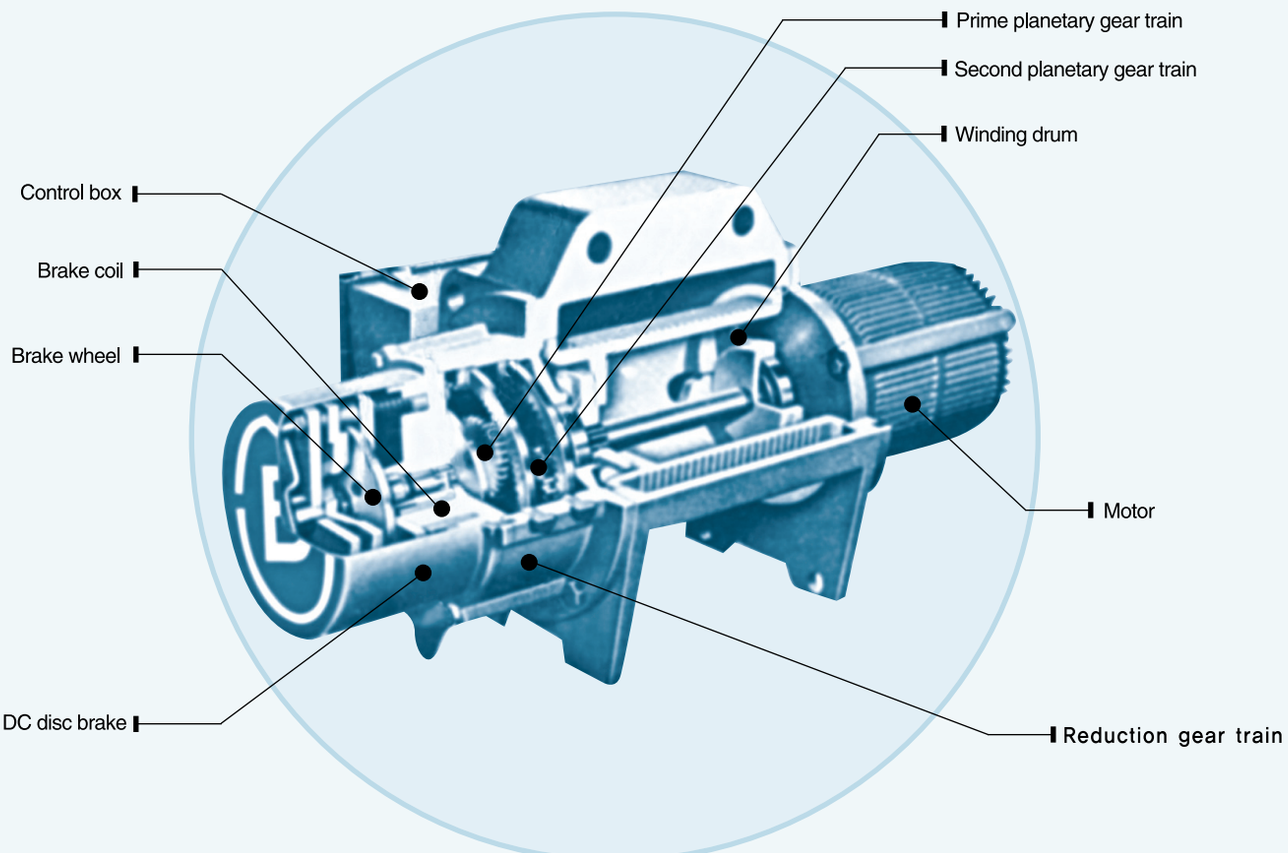
▶호이스트 주문시에는 하기사항을 반드시 명기하여 주십시요.

1. 사용장소(옥내,옥외)
2. 사용하중(Ton):
3. 양정(Meter:표준 6M, 12M임)
4. 속도(권상□M/Min-횡행□M/Min)
5. 전원(□V, □Hz)
6. I-Beam치수(I × ×)
7. 형식(Regular Hoist, Creep Hoist, Large-sized Hoist, Main & Aux Hoist)

▶Please stipulate what is mentioned below, when you order this hoist.

1. Setting Place(Inside, Outside)
2. Capacity(Ton):
3. Lift (Meter: 6M, 12M)
4. Speed(Hoisting□M/Min-Traversing□M/Min)
5. Power source(□V,□Hz)
6. Dimension of I-Beam(I × ×)
7. Traversing(Regular Hoist, Creep Hoist, Large-sized Hoist, Main & Aux Hoist)

호이스트의 단면 구조도 Cross-Sectional view



:: Regular Type (Mono Rail Type)

화물을 신속 · 자유롭게 권상 및 횡행할 수 있습니다.
멀리 떨어진 장소에서 화물이 빈번하게 이동되는 작업에 적합하고, I형강이 설치된 곳이면직선 또는 곡선에서 어떠한 중량물도 손쉽게 운반할 수 있습니다.

:: Double Rail Type

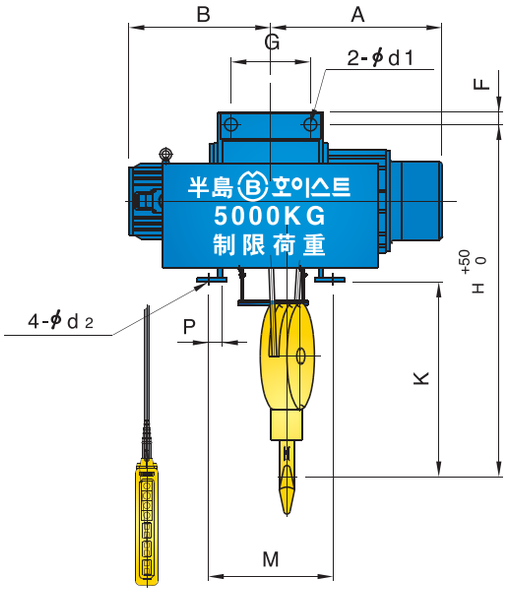
화물이 상하, 주행, 횡행 이동을 필요로 하는 장소의 권상장치로 적합합니다.
설치가 간편하고 보수점검도 안전하게 할 수 있고 크레인을 소형 경량화하여 경제성도 있습니다.

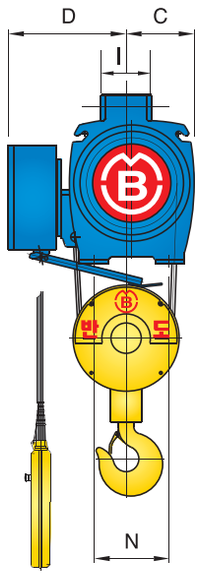
:: Low Head Type

권상 훅크의 높이를 크게한 호이스트로 천정이 낮은 옥내에서 화물을 보다 높이 올릴 경우에 사용됩니다. 같은 용량의 모노레일형 호이스트에 비해 250~500mm정도 높게 올릴 수 있습니다.

:: Main & Aux Type

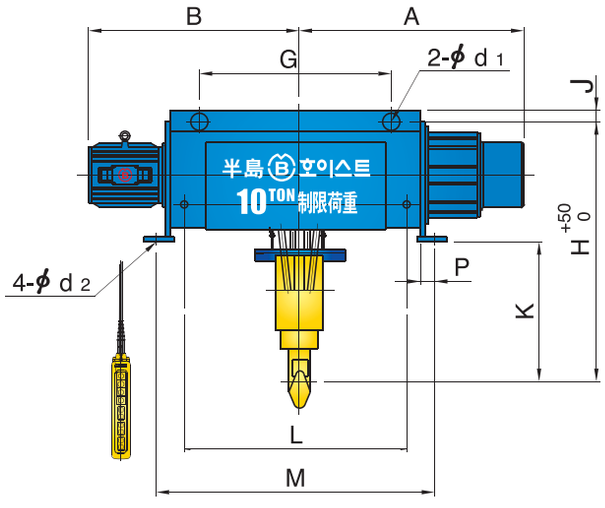
중량물과 경량물의 두가지 하중을 취급하는 작업장에 적합합니다.
중하중 작업은 주권 HOIST로 안전하고 확실하게, 빈도가 많은 경하중작업은 보권 HOIST를 빠르게 작업할 수 있으므로 두가지 기능을 발휘합니다.
크레인 설치대수가 적게 되므로 설치비, 운전경비, 건축비 등이 적게 듭니다.

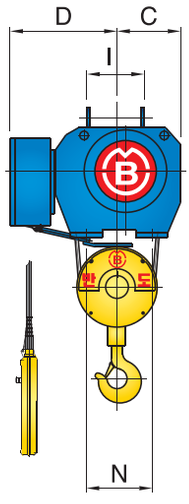




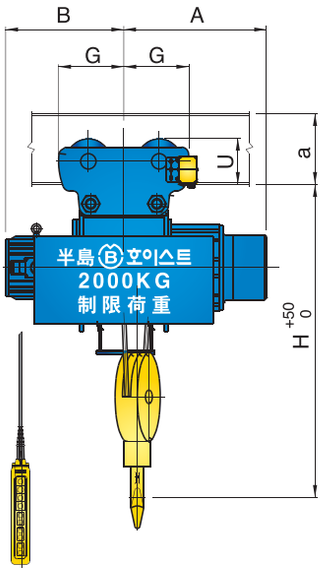
Capacity (ton)			1	2	2.8	3	5
Type Hoisting speed		High speed	BN1–H6(12)	BN2–H6(12)	BN2.8–H6(12)	BN3–H6(12)	BN5–H6(12)
		Low speed	BN1–L6(12)	BN2–L6(12)	BN2.8–L6(12)	BN3–L6(12)	BN5–L6(12)
Hoist	Max.lift (m)		6(12)	6(12)	6(12)	6(12)	6(12)
	Hoisting speed (m/min)	High speed 50/60 (Hz)	10/12	8.4/10	7.5/9	7.5/9	4.7/5.6
		Low speed 50/60 (Hz)	5/6	4.2/5	3.7/4.5	3.7/4.5	3.5/4.2
	Hoisting motor (Kw×P)	High speed	2.4×4	3.7×4	4.8×4	5.5×4	5.5×6
		Low speed	1.2×8	1.8×8	2.4×8	2.8×8	4.2×8
	Wire rope	Construction	6×37	6×37	6×37	6×37	6×37
		Dia.(min)× no. of ropes	8×2	10×2	12.5×2	12.5×2	16×2
	Brake		DC magnet disc brake				
Dimensions (approx.)(mm)		H	750	920	1060	1060	1245
		A	405(505)	465(565)	530(575)	530(575)	605(705)
		B	440(580)	440(590)	460(610)	460(610)	555(655)
		C	170	205	210	210	250
		D	275	310	380	380	415
		G	160	200	200	200	280
		F	28	34	30	30	40
		I	112	150	150	150	180
		K	360	470	560	560	690
		M	340(530)	340(530)	364(564)	364(564)	450(650)
		N	150	200	200	200	250
		P	45	47	44	44	55
		d1	26	33	33	33	47
		d2	17	17	17	17	17
Weight (approx.)(kg)			142(170)	204(240)	300(345)	300(345)	460(525)

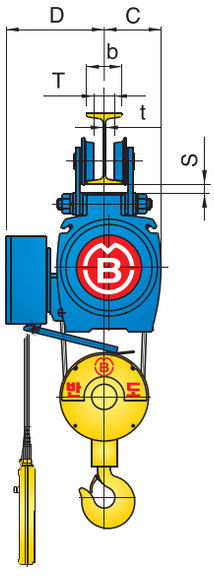
Note: Figures in parentheses are for hoist of 12-meter lift.





Capacity (ton)			7.5	10	15	20
Type Hoisting speed		High speed	BN7.5-H12	BN10-H12	BN15-H12	BN20-H12
		Low speed	BN7.5-L12	BN10-L12	BN15-L12	BN20-L12
Hoist	Max.lift (m)		12	12	12	12
	Hoisting speed (m/min)	High speed 50/60 (Hz)	3.1/3.8	3.7/4.5	3.7/4.5	3.5/4.2
		Low speed 50/60 (Hz)	2.3/2.8	2.5/3	2.5/3	2.3/2.8
	Hoisting motor (Kw×P)	High speed	5.5×6	9×8	13×8	17×8
		Low speed	4.2×8	6×12	8.5×12	11.5×12
	Wire rope	Construction	6×37	6×37	6×37	6×37
		Dia.(min)× no. of ropes	14×4	16×4	20×4	22.4×4
	Brake		DC magnet disc brake			
Dimensions (approx.)(mm)		H	1380	1330	1660	1900
		A	925	985	1075	1165
		B	870	1060	1065	1220
		C	300	330	370	400
		D	480	510	620	640
		G	800	800	800	850
		I	232	232	272	272
		J	50	50	65	65
		K	720	740	965	1150
		Wire rope L (max.)	852	850	872	934
		M	1100	1100	1150	1250
		N	400	400	500	500
		P	62	62	70	70
		d1	47	47	63	63
		d2	25	25	30	30
Weight (approx.)(kg)			700	1000	1500	1900

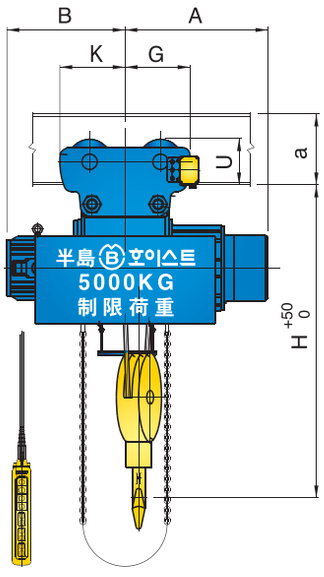


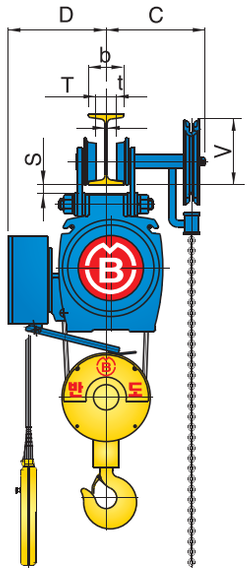


Capacity (ton)			1			2		
Type Hoisting speed		High speed	BN1-H6 (12)-P			BN2-H6 (12)-P		
		Low speed	BN1-L6 (12)-P			BN2-L6 (12)-P		
Hoist	Max.lift (m)		6 (12)			6 (12)		
	Hoisting speed (m/min)	High speed 50/60 (Hz)	10/12			8.4/10		
		Low speed 50/60 (Hz)	5/6			4.2/5		
	Hoisting motor (Kw×P)	High speed	2.4×4			3.7×4		
		Low speed	1.2×8			1.8×8		
	Wire rope	Construction	6×37			6×37		
		Dia.(min)× no. of ropes	8×2			10×2		
	Brake		DC magnet disc brake					
Dimensions (approx.)(mm)		H	815			980		
		A	405 (505)			465 (565)		
		B	440 (580)			440 (590)		
		C	170			205		
		D	275			310		
		G	155			180		
Dimensions (approx.)(mm)		a×b×t	S	T	U	S	T	U
		200×100×7	38	46	126	36	46	152
		250×125×7.5	30	71	134	24	71	162
		300×150×10	28	96	136	24	96	162
Min. radius of curvature (m)			1.5			1.8		
Weight (approx.)(kg)			166 (194)			244 (280)		

Note: 1. Figures in parentheses are for hoist of 12-meter lift.

2. Dimensions of I-beam in ▭ sections are standard ones.
Other I-beam also can be used by changing spacers.



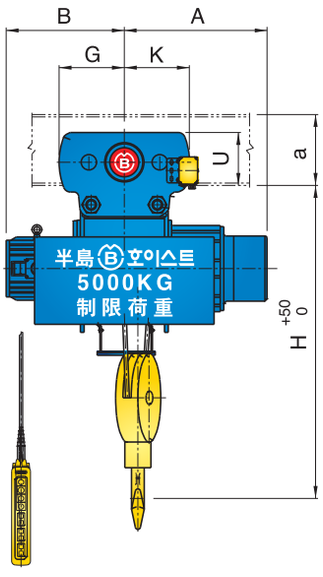


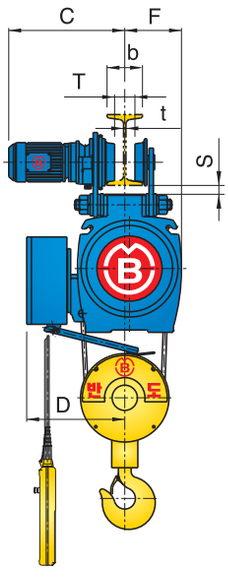
Capacity (ton)			1	2	2.8	3	5
Type Hoisting speed		High speed	BN1-H6 (12)-C	BN2-H6 (12)-C	BN2.8-H6 (12)-C	BN3-H6 (12)-C	BN5-H6 (12)-C
		Low speed	BN1-L6 (12)-C	BN2-L6 (12)-C	BN2.8-L6 (12)-C	BN3-L6 (12)-C	BN5-L6 (12)-C
Hoist	Max.lift (m)		6 (12)	6 (12)	6 (12)	6 (12)	6 (12)
	Hoisting speed (m/min)	High speed 50/60 (Hz)	10/12	8.4/10	7.5/9	7.5/9	4.7/5.6
		Low speed 50/60 (Hz)	5/6	4.2/5	3.7/4.5	3.7/4.5	3.5/4.2
	Hoisting motor (KwXP)	High speed	2.4×4	3.7×4	4.8×4	5.5×4	5.5×6
		Low speed	1.2×8	1.8×8	2.4×8	2.8×8	4.2×8
	Wire rope	Construction	6×37	6×37	6×3.7	6×37	6×37
		Dia.(min)× no. of ropes	8×2	10×2	12.5×2	12.5×2	16×2
	Brake		DC magnet disc brake				
Dimensions (approx.)(mm)		H	815	980	1115	1115	1325
		A	405 (505)	465 (565)	530 (575)	530 (575)	605 (705)
		B	440 (580)	440 (590)	460 (610)	460 (610)	555 (655)
		G	255	260	260	260	275
		D	275	310	380	380	415
		K	200	225	225	225	275

Dimensions (approx.)(mm) a×b×t	C	S	T	U	V	C	S	T	U	V	C	S	T	U	V	C	S	T	U	V	C	S	T	U	V
200×100×7	329	38	46	144	172	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
250×125×7.5	342	30	71	153	181	356	24	71	182	240	356	23	71	182	240	356	23	71	182	240	359	39	61	222	255
300×150×10	354	28	96	155	183	369	24	96	182	245	369	23	96	182	245	369	23	96	182	245	371	37	86	224	260
450×175×13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	384	34	111	228	265

Min. radius of curvature (m)	1.5	1.8	1.8	1.8	2.3
Weight (approx.)(kg)	190 (230)	273 (321)	369 (417)	369 (417)	562 (639)

Note : 1)Figures in parenthese are for hoist of 12-meter lift. 2)Dimensions of I-beam in ▭ sections are standard ones. Other I-beam also can be used by changing spacers.

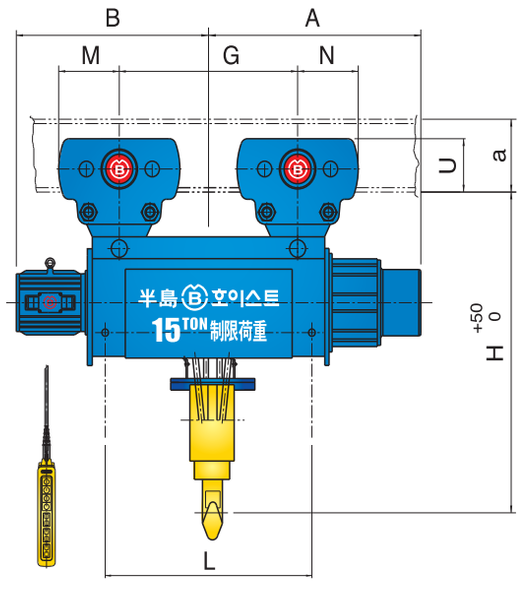


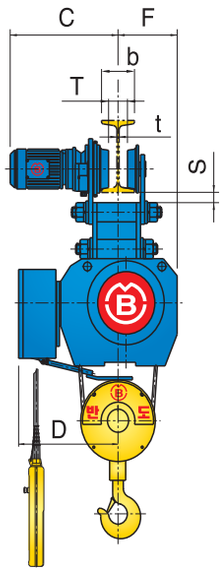


Capacity (ton)			1	2	2.8	3	5
Type Hoisting speed		High-high	BN1-H6 (12)-MH	BN2-H6 (12)-MH	BN2.8-H6 (12)-MH	BN3-H6 (12)-MH	BN5-H6 (12)-MH
		High-low	BN1-H6 (12)-ML	BN2-H6 (12)-ML	BN2.8-H6 (12)-ML	BN3-H6 (12)-ML	BN5-H6 (12)-ML
		Low-high	BN1-L6 (12)-MH	BN2-L6 (12)-MH	BN2.8-L6 (12)-MH	BN3-L6 (12)-MH	BN5-L6 (12)-MH
		Low-low	BN1-L6 (12)-ML	BN2-L6 (12)-ML	BN2.8-L6 (12)-ML	BN3-L6 (12)-ML	BN5-L6 (12)-ML
Hoist	Max.lift (m)		6 (12)	6 (12)	6 (12)	6 (12)	6 (12)
	Hoisting speed (m/min)	High speed 50/60 (Hz)	10/12	8.4/10	7.5/9	7.5/9	4.7/5.6
		Low speed 50/60 (Hz)	5/6	4.2/5	3.7/4.5	3.7/4.5	3.5/4.2
	Hoisting motor (KwXP)	High speed	2.4×4	3.7×4	4.8×4	5.5×4	5.5×6
		Low speed	1.2×8	1.8×8	2.4×8	2.8×8	4.2×8
	Wire rope	Construction	6×37	6×37	6×37	6×37	6×37
		Dia.(min)× no. of ropes	8×2	10×2	12.5×2	12.5×2	16×2
	Brake		DC magnet disc brake				
Traversing	Traversing speed (m/min)	High speed 50/60 (Hz)	20/24	20/24	20/24	20/24	20/24
		Low speed 50/60 (Hz)	13/16	13/16	13/16	13/16	13/16
	Traversing motor (kwXP)	High speed	0.4×4	0.75×4	0.75×4	0.75×4	0.75×4
		Low speed	0.2×6	0.5×6	0.5×6	0.5×6	0.5×6
Dimensions (approx.)(mm)		H	815	980	1115	1115	1325
		A	405 (505)	465 (565)	530 (575)	530 (575)	605 (705)
		B	440 (580)	440 (590)	460 (610)	460 (610)	555 (655)
		D	275	310	380	380	415
		G	255	260	260	260	275
		K	200	225	225	225	275

I-beam and spacing (mm)	a×b×t	C	F	S	T	U	C	F	S	T	U	C	F	S	T	U	C	F	S	T	U	C	F	S	T	U
	200×100×7	385	170	38	46	144	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
	250×125×7.5	395	170	30	71	153	490	205	24	71	182	490	210	23	71	182	490	210	23	71	182	510	250	39	61	222
	300×150×10	410	170	28	96	155	515	205	24	96	182	515	210	23	96	182	515	210	23	96	182	520	250	37	86	224
	450×175×13	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	535	250	34	111	228
Min. radius of curvature (m)		1.5					1.8					1.8					1.8					2.3				
Weight (approx.)(kg)		190 (218)					278 (314)					374 (418)					374 (418)					577 (642)				

Note: 1) Figures in parenthese are for hoist of 12-meter lift. 2) Dimensions of I-beam in ▭ sections are standard ones. Other I-beam also can be used by changing spacers.



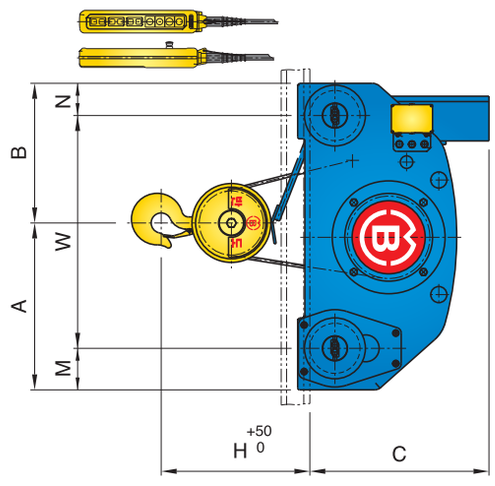


Capacity (ton)			7.5	10	15	20
Type Hoisting speed		High-high	BN7.5-H12-MH	BN10-H12-MH	BN15-H12-MH	BN20-H12-MH
		High-low	BN7.5-H12-ML	BN10-H12-ML	BN15-H12-ML	BN20-H12-ML
		Low-high	BN7.5-L12-MH	BN10-L12-MH	BN15-L12-MH	BN20-L12-MH
		Low-low	BN7.5-L12-ML	BN10-L12-ML	BN15-L12-ML	BN20-L12-ML
Hoist	Max.lift (m)		12	12	12	12
	Hoisting speed (m/min)	High speed 50/60 (Hz)	3.1/3.8	3.7/4.5	3.7/4.5	3.5/4.2
		Low speed 50/60 (Hz)	2.3/2.8	2.5/3	2.5/3	2.3/2.8
	Hoisting motor (KwXP)	High speed	5.5×6	9×8	13×8	17×8
		Low speed	4.2×8	6×12	8.5×12	11.5×12
	Wire rope	Construction	6×37	6×37	6×37	6×37
		Dia.(min)× no. of ropes	14×4	16×4	20×4	22.4×4
	Brake		DC magnet disc brake			
Traversing	Traversing speed (m/min)	High speed 50/60 (Hz)	12.5/15	12.5/15	12.5/15	12.5/15
		Low speed 50/60 (Hz)	8.3/10	8.3/10	8.3/10	8.3/10
	Traversing motor (kwXP)	High speed	0.75×4(2units)	0.75×4(2units)	1.5×4(2units)	1.5×4(2units)
		Low speed	0.5×6(2units)	0.5×6(2units)	1×6(2units)	1×6(2units)
	Brake		DC magnet disc brake			
Dimensions (approx.)(mm)		H	1460	1565	1875	2115
		A	925	985	1075	1165
		B	870	1060	1065	1210
		D	480	510	620	640
		G	800	800	800	850
		M	276	276	300	300
		N	276	276	300	300

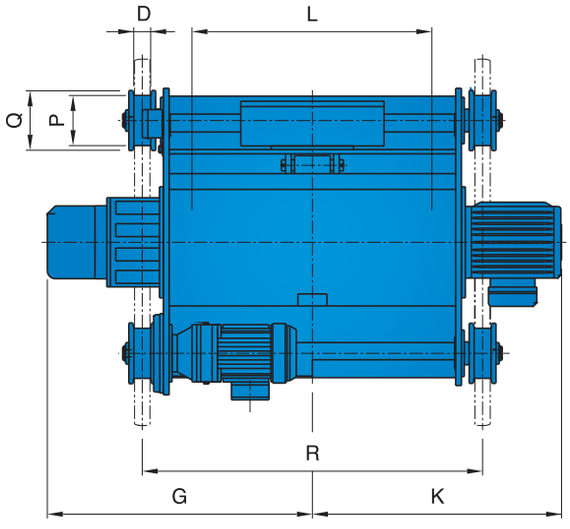
I-beam and spacing (mm)	a×b×t	C	F	S	T	U	C	F	S	T	U	C	F	S	T	U	C	F	S	T	U
	300×150×10	527	300	35	68	224	527	330	35	68	224	–	–	–	–	–	–	–	–	–	–
	450×175×13	537	300	30	93	228	537	330	30	93	228	650	370	32	77	248	650	400	32	77	248
	600×190×13	547	300	25	118	232	547	330	25	118	232	660	370	32	92	248	660	400	32	92	248

Min. radius of curvature (m)	For straight rails only		
Weight (approx.)(kg)	910	1210	2030	2430

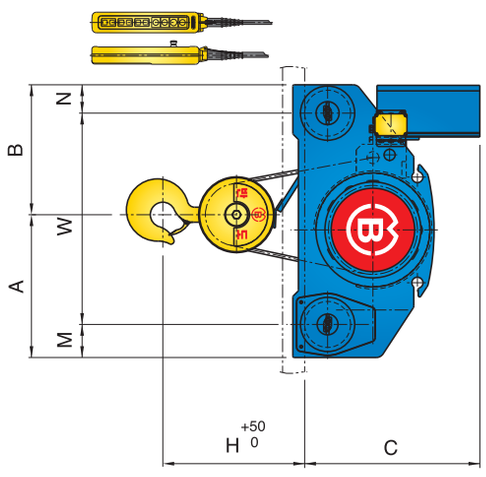
Note: 1)If curved rail requires. this must be indicated in advance 2)Dimensions of I-beam in [ ] sections are standard ones. Other I-beam also can be used by changing spacers.

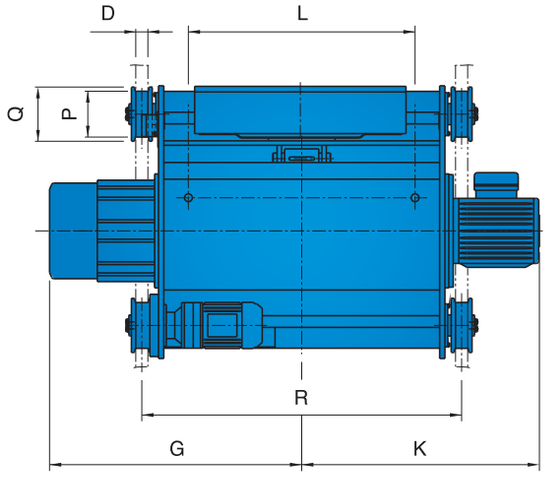


Distance of wire at lowest level

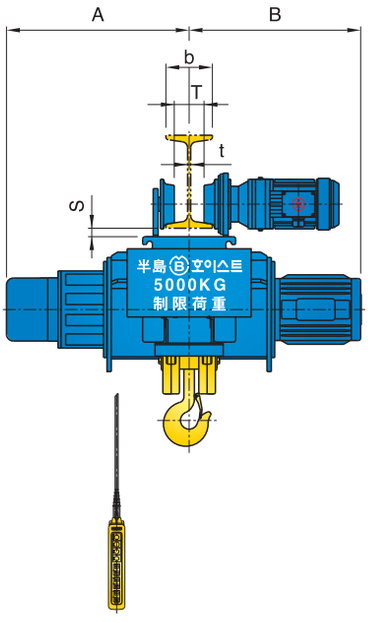


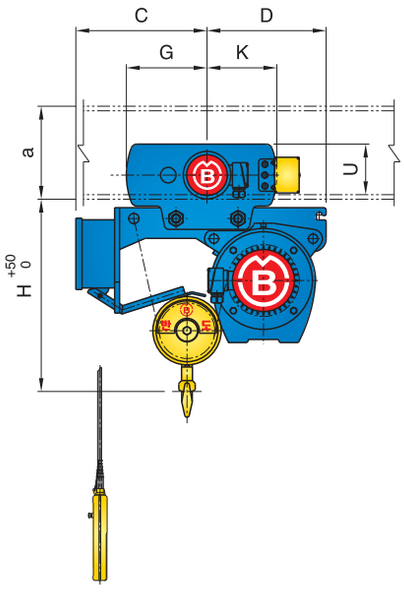
Capacity (ton)			2	2.8	3	5
Type	Hoisting speed (High-low) Traversing speed (High-low)	High-high	BD2-H12-MH	BD2.8-H12-MH	BD3-H12-MH	BD5-H12-MH
		High-low	BD2-H12-ML	BD2.8-H12-ML	BD3-H12-ML	BD5-H12-ML
		Low-high	BD2-L12-MH	BD2.8-L12-MH	BD3-L12-MH	BD5-L12-MH
		Low-low	BD2-L12-ML	BD2.8-L12-ML	BD3-L12-ML	BD5-L12-ML
Hoist	Max.lift (m)		12	12	12	12
	Hoisting speed (m/min)	High speed 50/60 (Hz)	8.4/10	7.5/9	7.5/9	4.7/5.6
		Low speed 50/60 (Hz)	4.2/5	3.7/4.5	3.7/4.5	3.5/4.2
	Hoisting motor (Kw×P)	High speed	3.7×4	4.8×4	5.5×4	5.5×6
		Low speed	1.8×8	2.4×8	2.8×8	4.2×8
	Wire rope	Construction	6×37	6×37	6×37	6×37
		Dia.(min)× no. of ropes	8×4	9×4	9×4	12.5×4
	Brake		DC magnet disc brake			
Traversing	Traversing speed (m/min)	High speed 50/60 (Hz)	20/24	20/24	20/24	20/24
		Low speed 50/60 (Hz)	13/16	13/16	13/16	13/16
	Traversing motor (Kw×P)	High speed	0.75×4	0.75×4	0.75×4	0.75×4
		Low speed	0.5×6	0.5×6	0.5×6	0.5×6
Dimensions (approx.)(mm)		H	415	420	420	510
		R	950	950	950	1150
		A	465	465	465	510
		B	390	390	390	475
		C	500	600	600	630
		G	740	790	790	935
		K	715	720	720	885
		W	650	650	650	760
		D	47	47	47	47
		L	728	690	690	892
		M	115	115	115	120
		N	90	90	90	105
		P	140	140	140	165
		Q	170	170	170	195
Weight (approx.)(kg)			450	550	550	850
Rail			15kg/m	15kg/m	15kg/m	15kg/m





Capacity (ton)			7.5	10	15	20	30
Type	Hoisting speed (High-low) Traversing speed (High-low)	High-high	BD7.5-H12-MH	BD10-H12-MH	BD15-H12-MH	BD20-H12-MH	BD30-H12-MH
		High-low	BD7.5-H12-ML	BD10-H12-ML	BD15-H12-ML	BD20-H12-ML	BD30-H12-ML
		Low-high	BD7.5-L12-MH	BD10-L12-MH	BD15-L12-MH	BD20-L12-MH	BD30-L12-MH
		Low-low	BD7.5-L12-ML	BD10-L12-ML	BD15-L12-ML	BD20-L12-ML	BD30-L12-ML
Hoist	Max.lift (m)		12	12	12	12	12
	Hoisting speed (m/min)	High speed 50/60 (Hz)	3.1/3.8	3.7/4.5	3.7/4.5	3.5/4.2	2.3/2.8
		Low speed 50/60 (Hz)	2.3/2.8	2.5/3	2.5/3	2.3/2.8	1.5/1.8
	Hoisting motor (Kw×P)	High speed	5.5×6	9×8	13×8	17×8	17×8
		Low speed	4.2×8	6×12	8.5×12	11.5×12	11.5×12
	Wire rope	Construction	6×37	6×37	6×37	6×37	6×37
		Dia.(min)× no. of ropes	14×4	16×4	20×4	22.4×4	22.4×6
	Brake		DC magnet disc brake				
Traversing	Traversing speed (m/min)	High speed 50/60 (Hz)	12.5/15	12.5/15	12.5/15	12.5/15	12.5/15
		Low speed 50/60 (Hz)	8.3/10	8.3/10	8.3/10	8.3/10	8.3/10
	Traversing motor (Kw×P)	High speed	0.75×4	0.75×4	1.5×4	1.5×4	1.5×4(2units)
		Low speed	0.5×6	0.5×6	1×6	1×6	1×6(2units)
Dimensions (approx.)(mm)		H	730	775	995	1175	1480
		R	1150	1150	1200	1300	1800
		A	535	565	625	670	930
		B	480	510	555	610	950
		C	645	695	860	900	980
		G	925	985	1075	1165	1425
		K	870	1060	1065	1220	1480
		W	800	865	920	1000	1540
		D	58	58	58	58	70
		L	852	850	872	934	1451
		M	120	110	130	140	180
		N	95	100	130	140	160
		P	165	165	180	220	250
		Q	195	195	210	250	280
Weight (approx.)(kg)			900	1200	1850	2300	3450
Rail			15kg/m	15kg/m	22kg/m	22kg/m	30kg/m

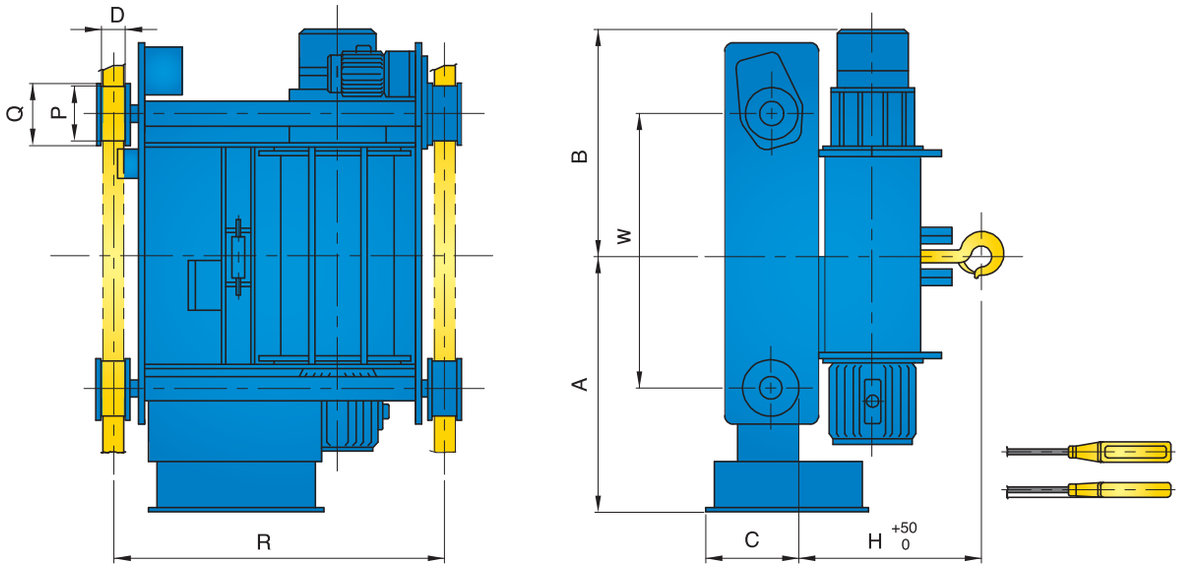




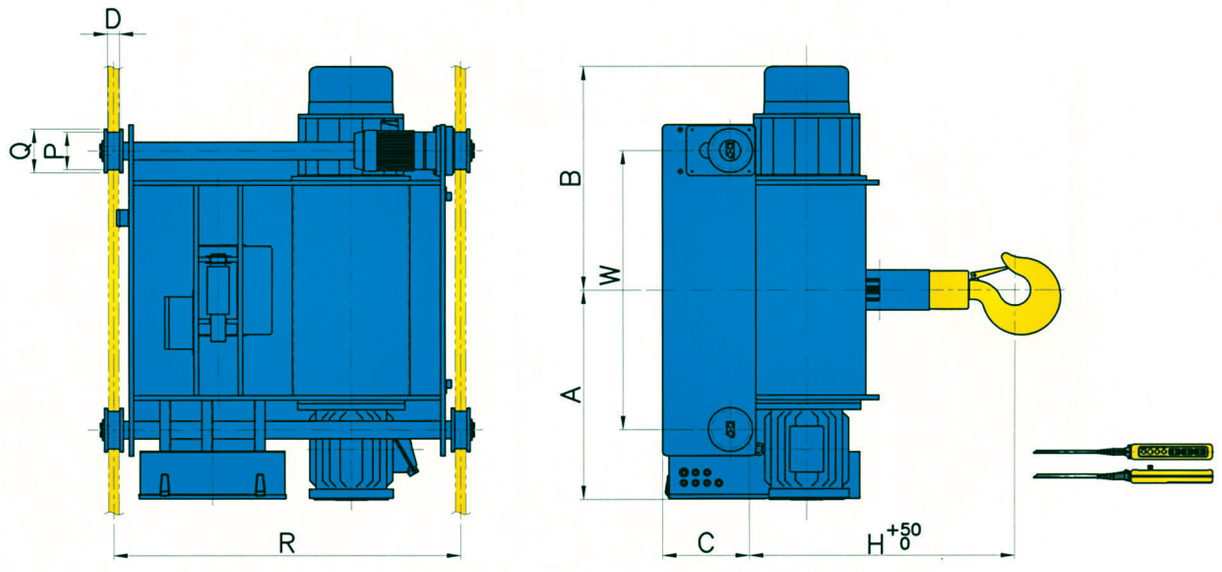
Capacity (ton)			1			2			2.8			3			5		
Type	Hoisting speed (High-low) Traversing speed (High-low)	High-high	BL1-H6-MH			BL2-H6-MH			BL2.8-H6-MH			BL3-H6-MH			BL5-H6-MH		
		High-low	BL1-H6-ML			BL2-H6-ML			BL2.8-H6-ML			BL3-H6-ML			BL5-H6-ML		
		Low-high	BL1-L6-MH			BL2-L6-MH			BL2.8-L6-MH			BL3-L6-MH			BL5-L6-MH		
		Low-low	BL1-L6-ML			BL2-L6-ML			BL2.8-L6-ML			BL3-L6-ML			BL5-L6-ML		
Hoist	Max.lift (m)		6			6			6			6			6		
	Hoisting speed (m/min)	High speed 50/60 (Hz)	10/12			8.4/10			7.5/9			7.5/9			4.7/5.6		
		Low speed 50/60 (Hz)	5/6			4.2/5			3.7/4.5			3.7/4.5			3.5/4.2		
	Hoisting motor (Kw×P)	High speed	2.4×4			3.7×4			4.8×4			5.5×4			5.5×6		
		Low speed	1.2×8			1.8×8			2.4×8			2.8×8			4.2×8		
	Wire rope	Construction	6×19			6×37			6×37			6×37			6×37		
		Dia.(min)× no. of ropes	6×4			8×4			9×4			9×4			11.2×4		
	Brake		DC magnet disc brake														
Traversing	Traversing speed (m/min)	High speed 50/60 (Hz)	20/24			20/24			20/24			20/24			20/24		
		Low speed 50/60 (Hz)	13/16			13/16			13/16			13/16			13/16		
	Traversing motor (Kw×P)	High speed	0.4×4			0.75×4			0.75×4			0.75×4			0.75×4		
		Low speed	0.2×6			0.5×6			0.5×6			0.5×6			0.5×6		
Dimensions (approx.)(mm)		H	550			620			620			620			800		
		A	505			590			620			620			705		
		B	540			560			555			555			655		
		C	415			470			530			530			585		
		D	290			385			395			395			465		
		G	255			260			260			260			275		
		K	200			225			225			225			275		
		a×b×t	S	T	U	S	T	U	S	T	U	S	T	U	S	T	U
		200×100×7	38	46	144	–	–	–	–	–	–	–	–	–	–	–	–
		250×125×7.5	30	71	153	22	71	182	23	71	182	23	71	182	–	–	–
		300×150×10	28	96	155	22	96	182	23	96	182	23	96	182	26	86	224
		450×175×13	–	–	–	–	–	–	–	–	–	–	–	–	23	111	228
Min. radius of curvature (m)			1.5			1.8			1.8			1.8			2.3		
Weight (approx.)(kg)			200			350			440			440			730		

Note: 1. Figures in parentheses are for hoist of 12-meter lift. 2. Dimensions of I-beam in ▭ sections are standard ones. Other I-beam also can be used by changing spacers.

DOUBLE-LOWHEAD TYPE Hoist With Motor-Driven Trolley



Capacity (ton)			2	2.8	3	5	7.5
Type	Hoisting speed - Traversing speed	High-high	BM2-H6-MH	BM2.8-H6-MH	BM3-H6-MH	BM5-H6-MH	BM7.5-H12-MH
		High-low	BM2-H6-ML	BM2.8-H6-ML	BM3-H6-ML	BM5-H6-ML	BM7.5-H12-ML
		Low-high	BM2-L6-MH	BM2.8-L6-MH	BM3-L6-MH	BM5-L6-MH	BM7.5-L12-MH
		Low-low	BM2-L6-ML	BM2.8-L6-ML	BM3-L6-ML	BM5-L6-ML	BM7.5-L12-ML
Hoist	Max.lift (m)		6	6	6	6	12
	Hoisting speed (m/min)	High speed 50/60 (Hz)	8.4/10	7.5/9	7.5/9	4.7/5.6	3.1/3.8
		Low speed 50/60 (Hz)	4.2/5	3.7/4.5	3.7/4.5	3.5/4.2	2.3/2.8
	Hoisting motor (Kw×P)	High speed	3.7×4	4.8×4	5.5×4	5.5×6	5.5×6
		Low speed	1.8×8	2.4×8	2.8×8	4.2×8	4.2×8
	Wire rope	Construction	6×37	6×37	6×37	6×37	6×37
		Dia.(min)× no. of ropes	8×4	9×4	9×4	11.2×4	14×4
	Brake		DC magnet disc brake				
	Traversing speed (m/min)	High speed 50/60 (Hz)	20/24	20/24	20/24	20/24	12.5/15
		Low speed 50/60 (Hz)	13/16	13/16	13/16	13/16	8.3/10
	Traversing motor (Kw×P)	High speed	0.75×4	0.75×4	0.75×4	0.75×4	0.75×4
		Low speed	0.5×4	0.5×4	0.5×4	0.5×6	0.5×4
Dimensions (approx.)(mm)		H	600	630	630	800	1005
		R	1150	1150	1150	1150	1400
		A	840	795	795	830	878
		B	589	625	625	705	925
		C	198	178	178	210	207
		W	670	650	650	750	1200
		D	47	47	47	47	58
		P	140	140	140	165	165
		Q	168	168	168	195	195
Weight (approx.)(kg)			390	550	550	620	1000
Rail			15kg/m	15kg/m	15kg/m	15kg/m	15kg/m



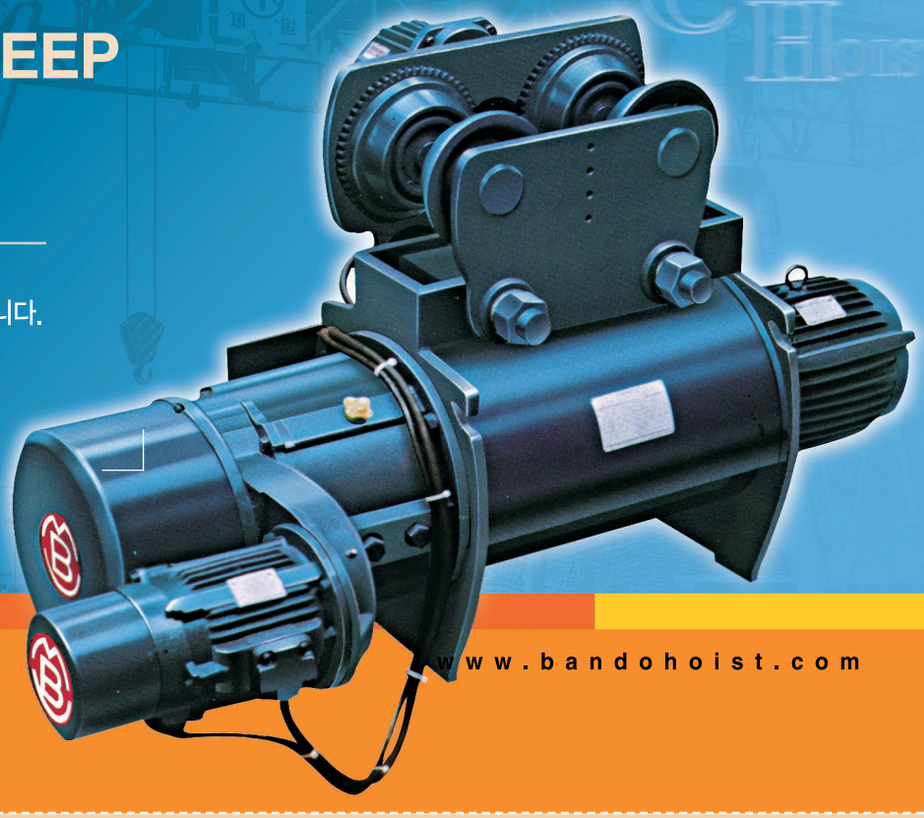
Capacity (ton)			10	15	20
Type	Hoisting speed - Traversing speed	High-high	BM10-H12-MH	BM15-H12-MH	BM20-H12-MH
		High-low	BM10-H12-ML	BM15-H12-ML	BM20-H12-ML
		Low-high	BM10-L12-MH	BM15-L12-MH	BM20-L12-MH
		Low-low	BM10-L12-ML	BM15-L12-ML	BM20-L12-ML
Hoist	Max.lift (m)		12	12	12
	Hoisting speed (m/min)	High speed 50/60 (Hz)	3.7/4.5	3.7/4.5	3.5/4.2
		Low speed 50/60 (Hz)	2.5/3	2.5/3	2.3/2.8
	Hoisting motor (Kw×P)	High speed	9×8	13×8	17×8
		Low speed	6×12	8.5×12	11.5×12
	Wire rope	Construction	6×37	6×37	6×37
		Dia.(min)× no. of ropes	16×4	20×4	22.4×4
	Brake		DC magnet disc brake		
	Traversing speed (m/min)	High speed 50/60 (Hz)	12.5/15	12.5/15	12.5/15
		Low speed 50/60 (Hz)	8.3/10	8.3/10	8.3/10
	Traversing motor (Kw×P)	High speed	0.75×4	1.5×4	1.5×4
		Low speed	0.5×4	1.0×6	1.0×6
Dimensions (approx.)(mm)		H	1005	1250	1500
		R	1650	1650	1800
		A	1028	1005	1208
		B	987	1075	1164
		C	322	410	430
		W	1245	1340	1450
		D	58	58	58
		P	165	180	220
		Q	195	210	250
Weight (approx.)(kg)			1510	2300	2740
Rail			15kg/m	22kg/m	22kg/m

BANDO CREEP HOIST

SOFT LANDING

기계조립 및 형맞춤 등의 정밀
작업에 탁월한 성능을 발휘합니다.

Demonstrates excellent perfomance in doing precise work such as machinery assembling and form adjusting.



www.bandohoist.com

특 징

1. 미속Hoist는 작업능률을 향상시킵니다.

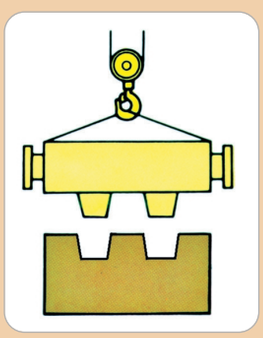
Inching없이 정위치에 확실히 운반물을 착상시킬수 있으며,
운반물에는 운반시에는 고속으로, 정밀한 작업시에는 미속으로 할수 있으므로 운반물의 over run이 없으며 안전하고 고능률적입니다.

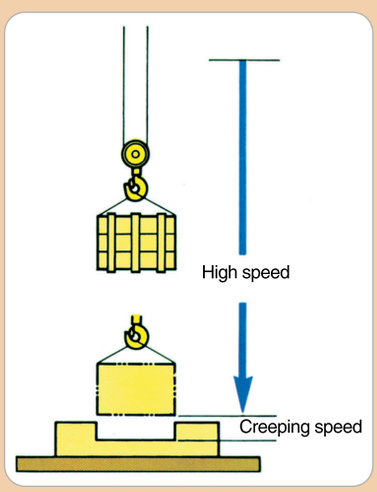
2. 안전작업이 약속됩니다.

단거리의 승강도 정숙하게 확실히 되므로 사고가 방지됩니다.
또한 고속 미속의 교환이 충격없이 서서히 변화합니다.
2단 Push Button Switch의 작동은 살짝 누르면 미속, 세게 누르면 고속이 되므로 잘못 조작사용시에도 위험이 없습니다.

3. 운반물에 손상을 주지 않습니다.

정지희망위치를 지나치거나, 모자라거나 충격적으로 착상하는 일은 전혀 없으므로 정밀가공품이라도 손상시키는 일은 없습니다





WORKING EFFICIENCY

Speed is freely changed with push buttons at a high speed When large movement and creep speed when fine adjusting movement. The hoisted load is securely and effciently stopped and unloaded.

SAFETY DESIGN

Two moters of creep speed and high speed are provided. The creep speed selected by 2nd level pushed button and the high speed by 1st level pushed button. Even if the load is hoisted for a short distance, it is stably and smoothly.

SMOOTH TROLLEY TRAVEL

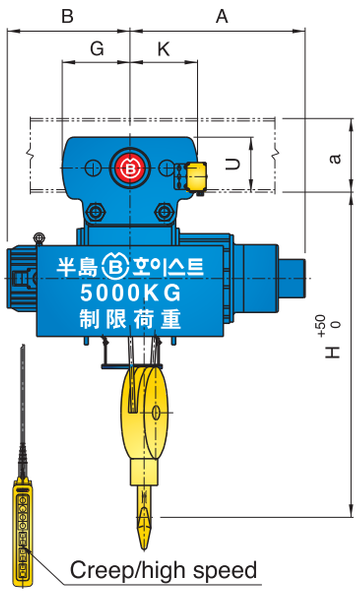
Trolley is equipped with geared motor of slow-start and stop so that the trolley position is and smoothly adjusted.

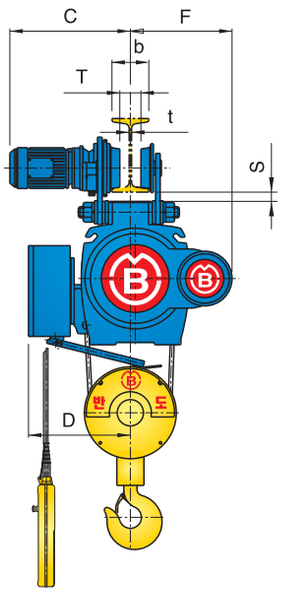
DURABILITY AND ECONOMICAL IMPROVEMENT

Since inching operation is unnecessary, there is no over-current, machine mechanism shock is softened and durability is increased.
Thus, the hoist is the energy saving type which reduces denamd.

FINE WORK, VARIOUS APPLICATIONS

- Work removable to machine tool
- Machine assembly
- Die matching of injection machine
- Die transter, maching and drawing works at casting shop
- Die mounting, removing to press
- Change of jigs and tooks



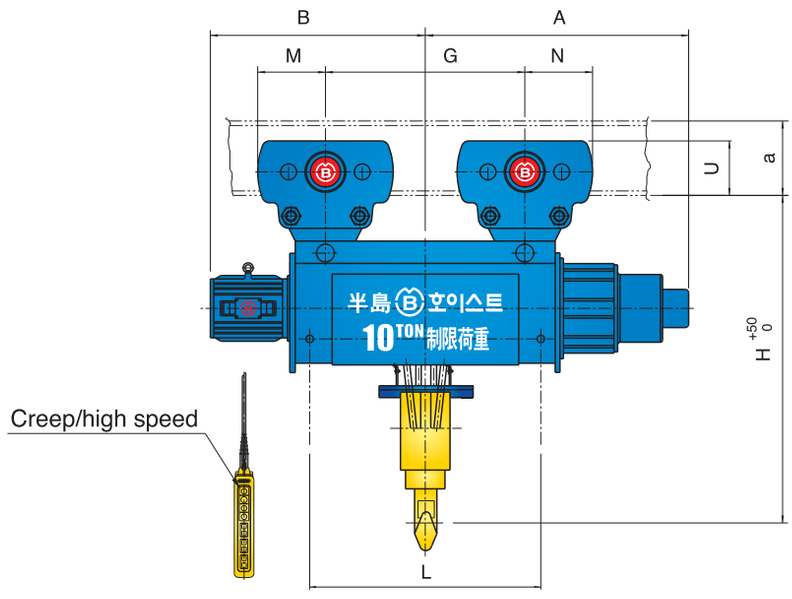


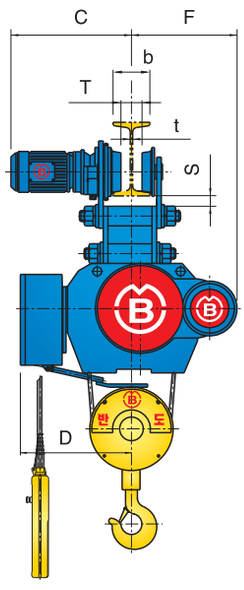
Capacity (ton)				1	2	2.8	3	5
Type	High-speed traversing			C-BN1-H6(12)-MH	C-BN2-H6(12)-MH	C-BN2.8-H6(12)-MH	C-BN3-H6(12)-MH	C-BN5-H6(12)-MH
	Low-speed traversing			C-BN1-H6(12)-ML	C-BN2-H6(12)-ML	C-BN2.8-H6(12)-ML	C-BN3-H6(12)-ML	C-BN5-H6(12)-ML
Hoist	Max.lift (m)			6(12)	6(12)	6(12)	6(12)	6(12)
	Hoisting speed (m/min) High/creep speed		50Hz	10/1	8.4/0.84	7.5/0.75	7.5/0.75	4.7/0.47
			60Hz	12/1.2	10/1	9/0.9	9/0.9	5.6/0.56
	Motor (kw×p) High/creep speed			2.4/0.4×4	3.7/0.4×4	4.8/1.1×4	5.5/1.1×4	5.5/1×6
	Wire rope	Construction		6×37	6×37	6×37	6×37	6×37
		Dia.(min)× no. of ropes		8×2	10×2	12.5×2	12.5×2	16×2
	Brake			DC magnet disc brake				
Traversing	Traversing speed (m/min)	High speed	50Hz	20	20	20	20	20
			60Hz	24	24	24	24	24
		Low speed	50Hz	13	13	13	13	13
			60Hz	16	16	16	16	16
	Motor (Kw×P)		High speed	0.4×4	0.75×4	0.75×4	0.75×4	0.75×4
			Low speed	0.2×6	0.5×6	0.5×6	0.5×6	0.5×6
Dimensions (approx.)(mm)			H	815	980	1115	1115	1325
			A	610 (680)	650 (720)	780 (825)	780 (825)	850 (950)
			B	440 (580)	440 (590)	460 (610)	460 (610)	555 (655)
			D	275	310	380	380	415
			F	330	370	375	375	430
			G	255	260	260	260	275
			K	200	225	225	225	275

I-beam and spacing (mm) a×b×t	C	S	T	U	C	S	T	U	C	S	T	U	C	S	T	U	C	S	T	U
200×100×7	385	38	46	144	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
250×125×7.5	395	30	71	153	490	26	71	182	490	25	71	182	490	25	71	182	510	37	61	222
300×150×10	410	28	96	155	515	24	96	182	515	23	96	182	515	23	96	182	520	32	86	224
450×175×13	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	535	32	111	228

Min. radius of curvature (m)	1.5	1.8	1.8	1.8	2.3
Weight (approx.)(kg)	225 (245)	320 (355)	415 (460)	415 (460)	635 (700)

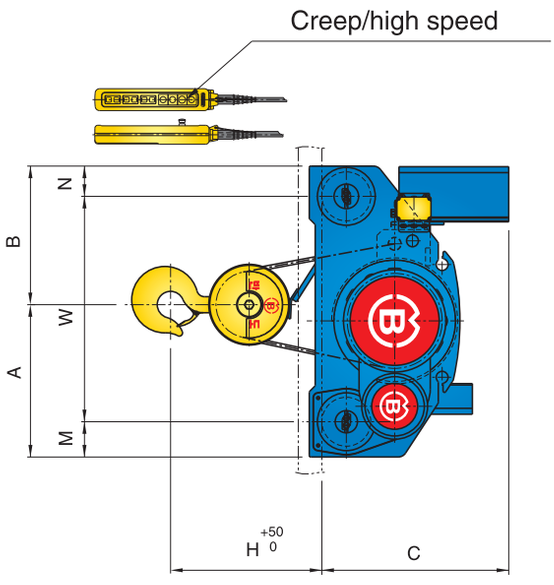
Note: 1) Figures in parentheses are for hoist of 12-meter lift. 2) Dimensions of I-beam in ▭ sections are standard ones. Other I-beam also can be used by changing spacers.

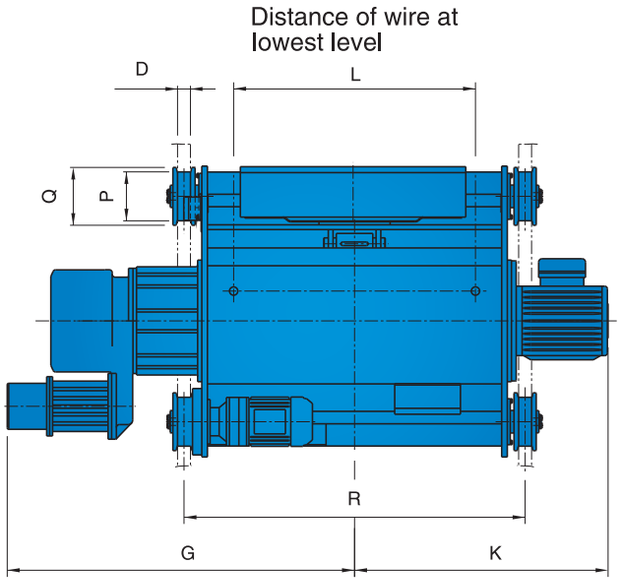




Capacity (ton)				7.5				10				15				20			
Type	High-speed traversing			C-BN7.5-H12-MH				C-BN10-H12-MH				C-BN15-H12-MH				C-BN20-H12-MH			
	Low-speed traversing			C-BN7.5-H12-ML				C-BN10-H12-ML				C-BN15-H12-ML				C-BN20-H12-ML			
Hoist	Max.lift (m)			12				12				12				12			
	Hoisting speed (m/min) High/creep speed		50Hz	3.1/0.31				3.7/0.37				3.7/0.37				3.5/0.35			
			60Hz	3.8/0.38				4.5/0.45				4.5/0.45				4.2/0.42			
	Motor (kw×p) High/creep speed			5.5/1×6				9/1.1×8				13/1.8×8				17/1.8×8			
	Wire rope	Construction		6×37				6×37				6×37				6×37			
		Dia.(min)× no. of ropes		14×4				16×4				20×4				22.4×4			
	Brake			DC magnet disc brake															
Traversing	Traversing speed (m/min)	High speed	50Hz	12.5				12.5				12.5				12.5			
			60Hz	15				15				15				15			
		Low speed	50Hz	8.3				8.3				8.3				8.3			
			60Hz	10				10				10				10			
	Motor (Kw×P)		High speed	0.75×4(2units)				0.75×4(2units)				1.5×4(2units)				1.5×4(2units)			
			Low speed	0.5×6(2units)				0.5×6(2units)				1×6(2units)				1×6(2units)			
Dimensions (approx.)(mm)			H	1460				1565				1875				2115			
			A	1185				1275				1385				1480			
			B	870				1060				1065				1210			
			D	480				510				620				640			
			F	510				570				625				660			
			L	852				850				872				934			
			G	800				800				800				850			
			M	276				276				300				300			
			N	276				276				300				300			
I-beam and spacing (mm)	a×b×t			C	S	T	U	C	S	T	U	C	S	T	U	C	S	T	U
	300×150×10			527	35	68	224	527	35	68	224	–	–	–	–	–	–	–	–
	450×175×13			537	30	93	228	537	30	93	228	650	32	77	248	650	32	77	248
	600×190×13			547	32	118	227	547	32	118	227	660	37	92	243	660	37	92	243
Min. radius of curvature (m)				Straight line															
Weight (approx.)(kg)				970				1280				2180				2520			

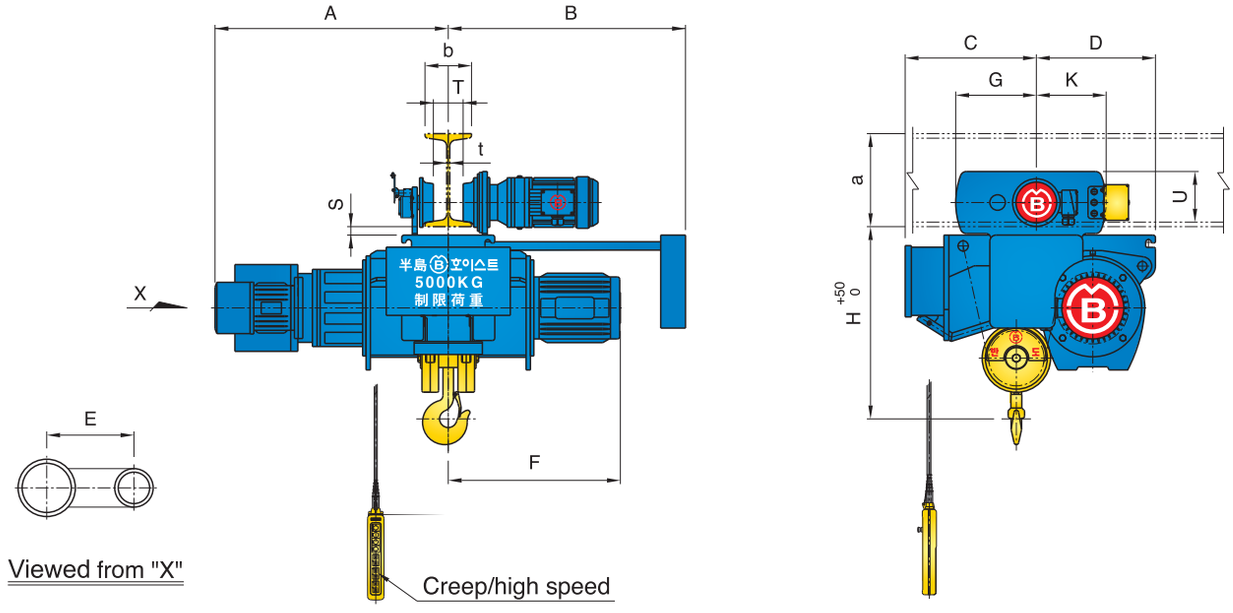
Note: 1) Figures in parentheses are for hoist of 12-meter lift. 2) Dimensions of I-beam in ▭ sections are standard ones. Other I-beam also can be used by changing spacers.





Capacity (ton)				2	2.8	3	5	7.5	10	15	20	30
Type	HIgh-speed traversing			C-BD2-H12-MH	C-BD2.8-H12-MH	C-BD3-H12-MH	C-BD5-H12-MH	C-BD7.5-H12-MH	C-BD10-H12-MH	C-BD15-H12-MH	C-BD20-H12-MH	C-BD30-H12-MH
	Low-speed traversing			C-BD2-H12-ML	C-BD2.8-H12-ML	C-BD3-H12-ML	C-BD5-H12-ML	C-BD7.5-H12-ML	C-BD10-H12-ML	C-BD15-H12-ML	C-BD20-H12-ML	C-BD30-H12-ML
Hoist	Max.lift (m)			12	12	12	12	12	12	12	12	12
	Hoisting speed (m/min) High/creep speed		50Hz	8.4/0.84	7.5/0.75	7.5/0.75	4.7/0.47	3.1/0.31	3.7/0.37	3.7/0.37	3.5/0.35	2.3/0.23
			60Hz	10/1	9/0.9	9/0.9	5.6/0.56	3.8/0.38	4.5/0.45	4.5/0.45	4.2/0.42	2.8/0.28
	Motor (kw×p) High/creep speed			3.7/0.4×4	4.8/1.1×4	5.5/1.1×4	5.5/1×6	5.5/1×6	9/1.1×8	13/1.8×8	17/1.8×8	17/1.8×8
	Wire rope	Construction		6×37	6×37	6×37	6×37	6×37	6×37	6×37	6×37	6×37
		Dia.(min)× no. of ropes		8×4	9×4	9×4	12.5×4	14×4	16×4	20×4	22.4×4	22.4×6
	Brake			DC magnet disc brake								
Traversing	Traversing speed (m/min)	High speed	50Hz	20	20	20	20	12.5	12.5	12.5	12.5	12.5
			60Hz	24	24	24	24	15	15	15	15	15
		Low speed	50Hz	13	13	13	13	8.3	8.3	8.3	8.3	8.3
			60Hz	16	16	16	16	10	10	10	10	10
	Motor (Kw×P)		High speed	0.75×4	0.75×4	0.75×4	0.75×4	0.75×4	0.75×4	1.5×4	1.5×4	1.5×4(2units)
			Low speed	0.5×6	0.5×6	0.5×6	0.5×6	0.5×6	0.5×6	1×6	1×6	1×6(2units)
Dimensions (approx.)(mm)			H	415	420	420	510	730	775	995	1175	1480
			R	950	950	950	1150	1150	1150	1200	1300	1800
			A	465	465	465	510	535	565	625	670	930
			B	390	390	390	475	480	510	555	610	950
			C	500	600	600	630	645	695	860	900	980
			G	905	1025	1025	1170	1230	1275	1385	1480	1740
			K	715	721	721	885	870	1060	1065	1220	1480
			W	650	650	650	760	800	865	920	1000	1540
			D	47	47	47	47	58	58	58	58	70
			L	728	690	690	892	852	850	872	934	1451
			M	115	115	115	120	120	110	130	140	180
			N	90	90	90	105	95	100	130	140	160
			P	140	140	140	165	165	165	180	220	250
			Q	170	170	170	195	195	195	210	250	280
Weight (approx.)(kg)				490	590	590	900	955	1265	1920	2385	3536
Rail				15kg/m	15kg/m	15kg/m	15kg/m	15kg/m	15kg/m	22kg/m	22kg/m	30kg/m

LOW-HEAD TYPE Creep Hoist With Motor-Driven Trolley



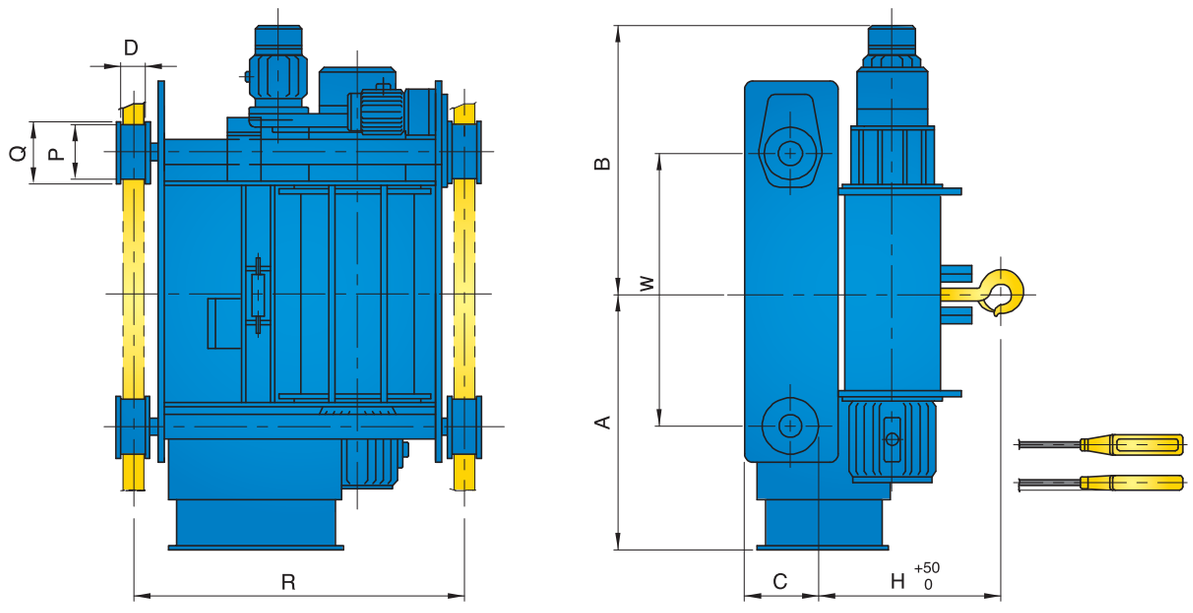
Capacity (ton)				1	2	2.8	3	5
Type	High-speed traversing			C-BL1-H6-MH	C-BL2-H6-MH	C-BL2.8-H6-MH	C-BL3-H6-MH	C-BL5-H6-MH
	Low-speed traversing			C-BL1-H6-ML	C-BL2-H6-ML	C-BL2.8-H6-ML	C-BL3-H6-ML	C-BL5-H6-ML
Hoist	Max.lift (m)			6	6	6	6	6
	Hoisting speed (m/min)		50Hz	10/1	8.4/0.84	7.5/0.75	7.5/0.75	4.7/0.47
	High/creep speed		60Hz	12/1.2	10/1	9/0.9	9/0.9	5.6/0.56
	Motor (kw×p) High/creep speed			2.4/0.4×4	3.7/0.4×4	4.8/1.1×4	5.5/1.1×4	5.5/1×6
	Wire rope	Construction		6×19	6×37	6×37	6×37	6×37
		Dia.(min)× no. of ropes		6×4	8×4	9×4	9×4	11.2×4
	Brake			DC magnet disc brake				
Traversing	Traversing speed (m/min)	High speed	50Hz	20	20	20	20	20
			60Hz	24	24	24	24	24
		Low speed	50Hz	13	13	13	13	13
			60Hz	16	16	16	16	16
	Motor (Kw×P)	High-speed		0.4×4	0.75×4	0.75×4	0.75×4	0.75×4
		Low-speed		0.2×6	0.5×6	0.5×6	0.5×6	0.5×6
Dimensions (approx.)(mm)		H		550	620	620	620	800
		A		710	775	870	870	950
		B		560	765	765	765	820
		C		450	470	530	530	585
		D		290	540	555	555	635
		G		255	260	260	260	275
		K		200	225	225	225	275
		E		330	375	375	375	425
		F		540	560	555	555	655

I-beam and spacing (mm)	a×b×t	1			2			2.8			3			5		
		S	T	U	S	T	U	S	T	U	S	T	U	S	T	U
	200×100×7	38	46	144	33	46	172	–	–	–	–	–	–	–	–	–
	250×125×7.5	30	71	153	24	71	182	25	71	182	23	71	182	–	–	–
	300×150×10	28	96	155	22	96	182	23	96	182	23	96	182	37	86	224
	450×175×13	–	–	–	–	–	–	–	–	–	–	–	–	34	111	228

Min. radius of curvature (m)	1.5	1.8	1.8	1.8	2.3
Weight (approx.)(kg)	275	440	545	545	775

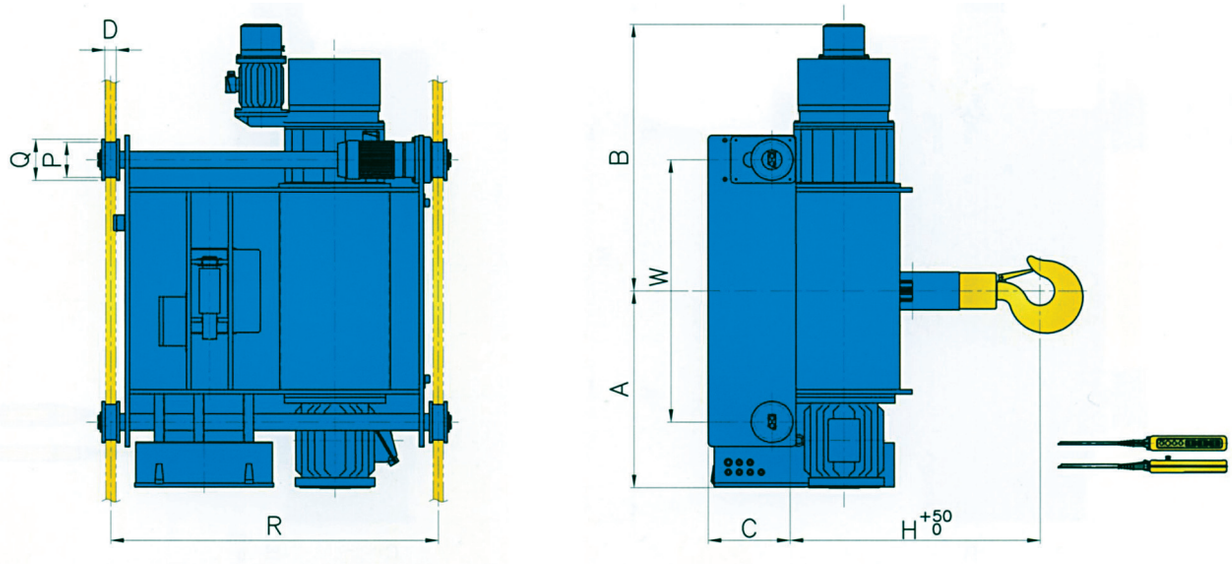
Note: 1) Figures in parentheses are for hoist of 12-meter lift.
2) Dimensions of I-beam in ▭ sections are standard ones.
Other I-beam also can be used by changing spacers.

DOUBLE-LOWHEAD TYPE Creep Hoist With Motor-Driven Trolley

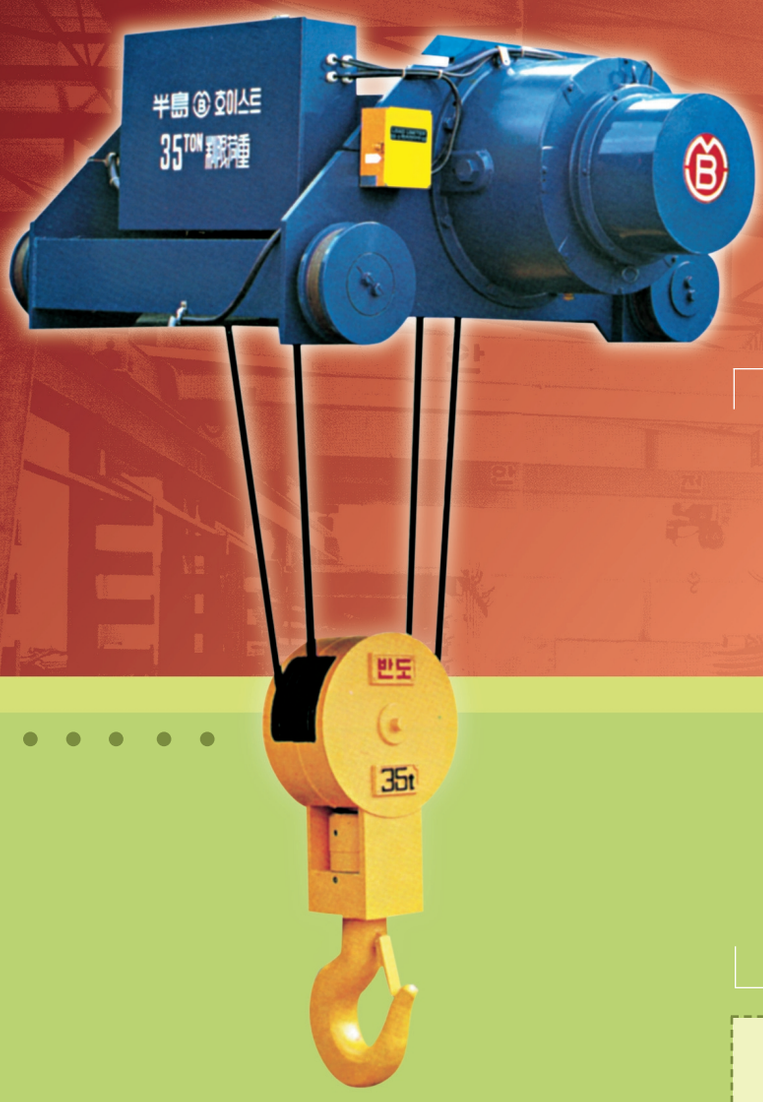


Capacity (ton)			2	2.8	3	5	7.5
Type	Hoisting speed – Traversing speed	High-high	C-BM2-H6-MH	C-BM2.8-H6-MH	C-BM3-H6-MH	C-BM5-H6-MH	C-BM7.5-H12-MH
		High-low	C-BM2-H6-ML	C-BM2.8-H6-ML	C-BM3-H6-ML	C-BM5-H6-ML	C-BM7.5-H12-ML
		Low-high	C-BM2-L6-MH	C-BM2.8-L6-MH	C-BM3-L6-MH	C-BM5-L6-MH	C-BM7.5-L12-MH
		Low-low	C-BM2-L6-ML	C-BM2.8-L6-ML	C-BM3-L6-ML	C-BM5-L6-ML	C-BM7.5-L12-ML
Hoist	Max.lift (m)		6	6	6	6	12
	Hoisting speed (m/min) High/Creep	50 (Hz)	8.4/0.84	7.5/0.75	7.5/0.75	4.7/0.47	3.1/0.31
		60 (Hz)	10/1	9/0.9	9/0.9	5.6/0.56	3.8/0.38
	Hoisting motor(Kw×P) High/Creep speed		3.7/0.4×4	4.8/1.1×4	5.5/1.1×4	5.5/1×6	5.5×1×6
	Wire rope	Construction	6×37	6×37	6×37	6×37	6×37
		Dia.(min)× no. of ropes	8×4	9×4	9×4	11.2×4	14×4
	Brake		DC magnet disc brake				
	Traversing speed (m/min)	High speed 50/60 (Hz)	20/24	20/24	20/24	20/24	12.5/15
		Low speed 50/60 (Hz)	13/16	13/16	13/16	13/16	8.3/10
	Traversing motor (Kw×P)	High speed	0.75×4	0.75×4	0.75×4	0.75×4	0.75×4
		Low speed	0.5×4	0.5×4	0.5×4	0.5×6	0.5×4
Dimensions (approx.)(mm)		H	600	630	630	800	1005
		R	1150	1150	1150	1150	1400
		A	840	795	795	830	878
		B	755	625	625	705	925
		C	198	178	178	210	207
		W	670	650	650	750	1200
		D	47	47	47	47	58
		P	140	140	140	165	165
		Q	168	168	168	195	195
Weight (approx.)(kg)			440	590	590	680	1055
Rail			15kg/m	15kg/m	15kg/m	15kg/m	15kg/m

DOUBLE-LOWHEAD TYPE Creep Hoist With Motor-Driven Trolley



Capacity (ton)			10	15	20
Type	Hoisting speed - Traversing speed	High-high	C-BM10-H12-MH	C-BM15-H12-MH	C-BM20-H12-MH
		High-low	C-BM10-H12-ML	C-BM15-H12-ML	C-BM20-H12-ML
		Low-high	C-BM10-L12-MH	C-BM15-L12-MH	C-BM20-L12-MH
		Low-low	C-BM10-L12-ML	C-BM15-L12-ML	C-BM20-L12-ML
Hoist	Max.lift (m)		12	12	12
	Hoisting speed (m/min)	50 (Hz)	3.7/0.37	3.7/0.37	3.5/0.35
		60 (Hz)	4.5/0.45	4.5/0.45	4.2/0.42 17/1.8×8
	Hoisting motor(Kw×P) High/Creep speed		9/1.1×8	13/1.8×8	
	Wire rope	Construction	6×37	6×37	6×37
		Dia.(min)× no. of ropes	16×4	20×4	22.4×4
	Brake		DC magnet disc brake		
	Traversing speed (m/min)	High speed 50/60 (Hz)	12.5/15	12.5/15	12.5/15
		Low speed 50/60 (Hz)	8.3/10	8.3/10	8.3/10
	Traversing motor (Kw×P)	High speed	0.75×4	1.5×4	1.5×4
		Low speed	0.5×4	1.0×6	1.0×6
Dimensions (approx.)(mm)		H	1005	1250	1500
		R	1650	1650	1800
		A	1028	1005	1208
		B	987	1362	1456
		C	322	410	430
		W	1245	1340	1450
		D	58	58	58
		P	165	180	220
		Q	195	210	250
Weight (approx.)(kg)			1510	2370	2825
Rail			15kg/m	22kg/m	22kg/m



www.bandohoist.com

LARGE SIZED
35~70 TON

대용량의 crane에 조작과 보수가
간편하고 강력한 힘을 발휘하는
BANDO 대형 HOIST

This is a BANDO large-sized HOIST
that demonstrates enormous
amount of power.
Manufacturing and repairing of large
capacity CRANES are simple.

특 징

1. 광범위한 하역이 가능
대용량의 CRAB FRAME에 비해 중량이 가볍고 소형이므로 경량의 CRANE GIRDER,SADDLE을 채택하여 하역범위를 넓게 하며 건축구조물 규격과 건축물 높이를 낮출 수 있으므로 전체 건설비를 절감할 수 있는 장점이 있습니다.

2. 무보수 무점검화
축수부분은 고정도 Bearing, 밀폐형 Oil box내의유성치차기구, 전기종 D.C Brake를 채용하여 조정이 간단히되며 무점검화 하였습니다.

3. 전기 BRAKE 방식 채택
하강식 가속방지에 전기 Brake를 채택함으로서 고장과 마모부분을 줄였으며 어느 위치에서나 운반물을 안전하게 정지시킵니다.

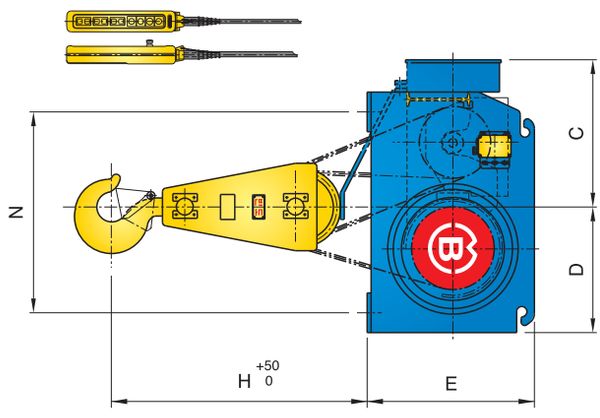
4. BLOCK BUILDING SYSTEM
Block building system을 적용하여 조합이 자유자재이며 배선변경이 간편하고 고장시 짧은 시간내에 Maintenance가 가능합니다.

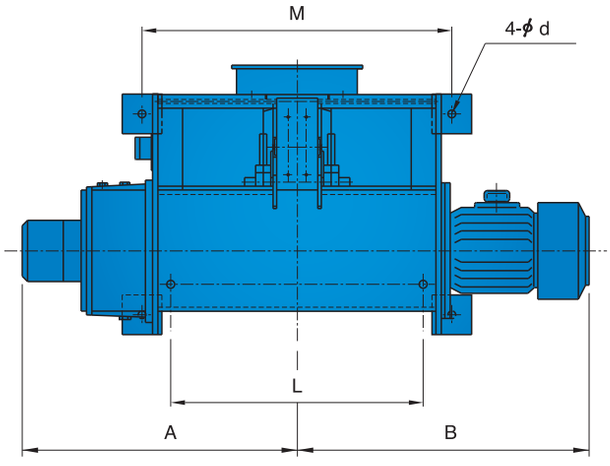
Loading and unloading over a vast range is possible
When used with the large capacity CRANE, it is lighter and smaller compared to CRAB FRAME. When light-weight CRANE GIRDER and SADDLE is adopted, the range of loading and unloading can be widened and the standard of construction components and the height of the building can be lowered. Therefore, it has a merit that it can reduce the entire construction fee.

Almost Maintenance Free
The hoist can be used immediately since the gear oil is already poured in the oil-sealed gear section, and also no special lubrication is required since sealed grease bearings are used. Mechanism employed on our hoist is designed to meet continuous operation for many years to come, and brake lining is the only item to be replaced from time, if our instruction manual is well observed.

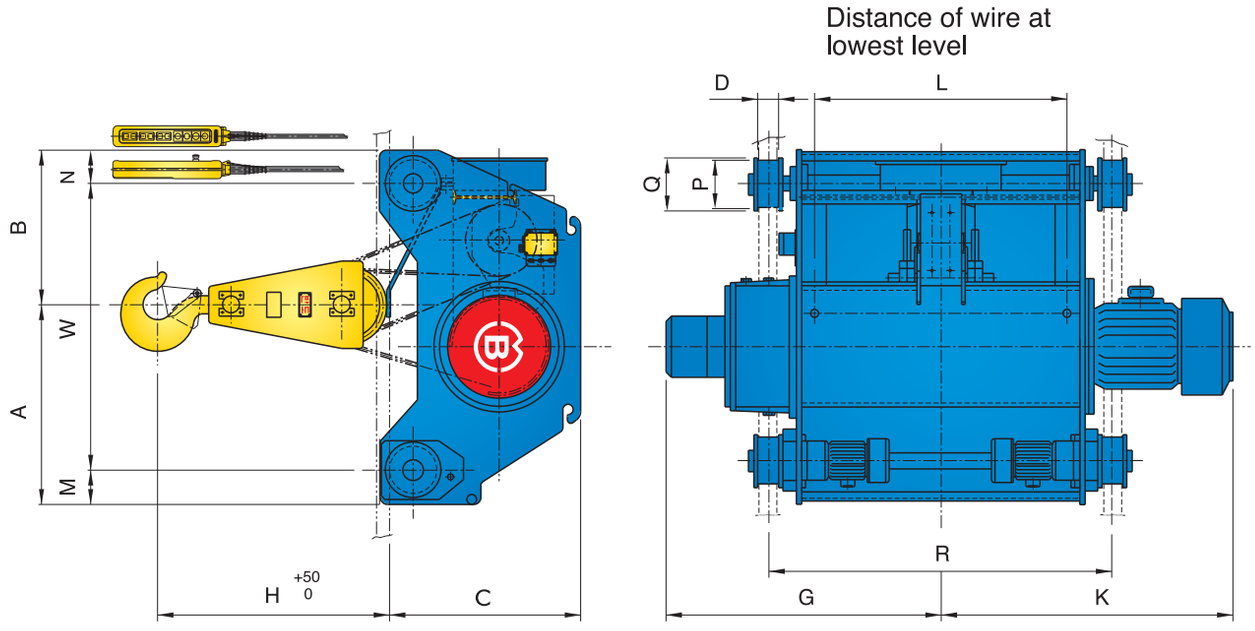
Powerful And Good For Continuous Usage
Very powerful high torque motor is used, and therefore out hoist is known well as a powerful hoist. In addition all conponents are built to fit for the powetful motor, and therefore out hoist is good for continuous operation.

Block Building System
The hoist can be assembled in various combination of several basic blocks, and therefore hoist type (suspension, hand-push, chain trolley, or motor-driven) can be easily interchanged, and replacement of broken or damaged parts, and or wiring can be done in a very short time.

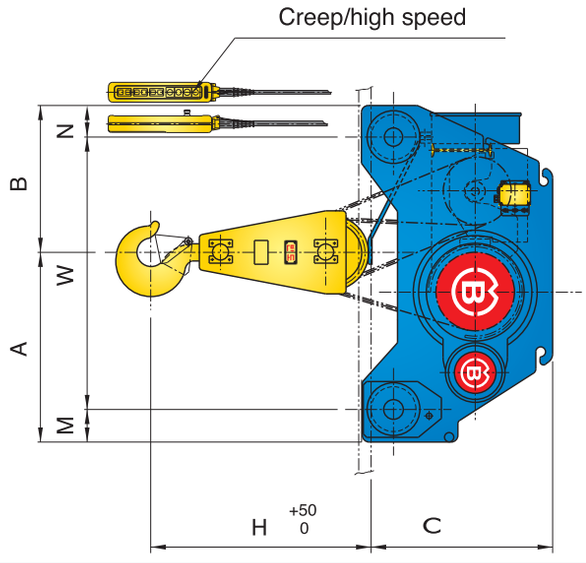


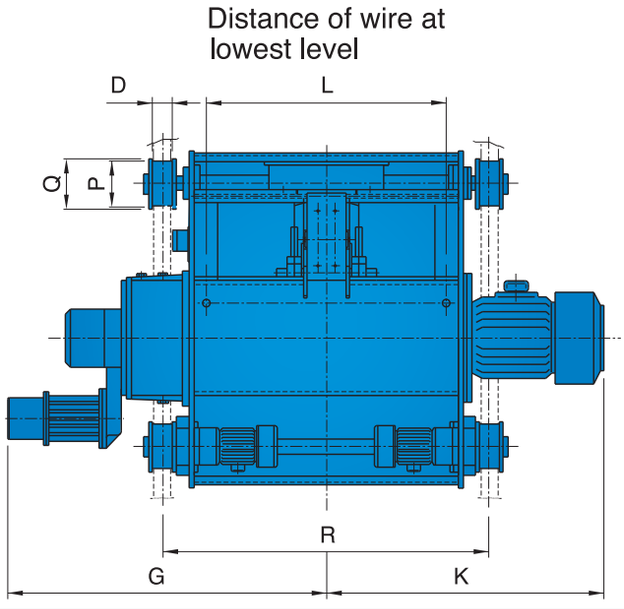


Capacity (ton)			35	50	60	70
Type			BD35-H12	BD50-H12	BD60-H12	BD70-H12
Hoist	Max.lift (m)		12	12	12	12
	Hoisting speed (m/min) 50/60Hz		4/4.8	2.7/3.2	2/2.4	2/2.4
	Hoisting Motor (kW×P)		33×6	33×6	33×6	33×6
	Wire rope	Construction	6×Fi(25)	6×Fi(25)	6×Fi(25)	6×Fi(25)
		Dia.(min)× no. of ropes	28×4	28×6	28×8	28×8
	Brake		DC magnet disc brake			
Dimensions (approx.)(mm)		H	1500	1900	2000	2000
		A	1455	1780	2030	2030
		B	1650	1980	2230	2230
		C	560	905	1000	1000
		D	855	1100	1005	1005
		E	1000	1000	1000	1000
		L	1075	1430	1930	1930
		M	1500	2250	2750	2750
		N	1000	1600	1600	1600
		ød	47	63	63	63
Weight (Approx.)(kg)			4200	6000	8200	8200

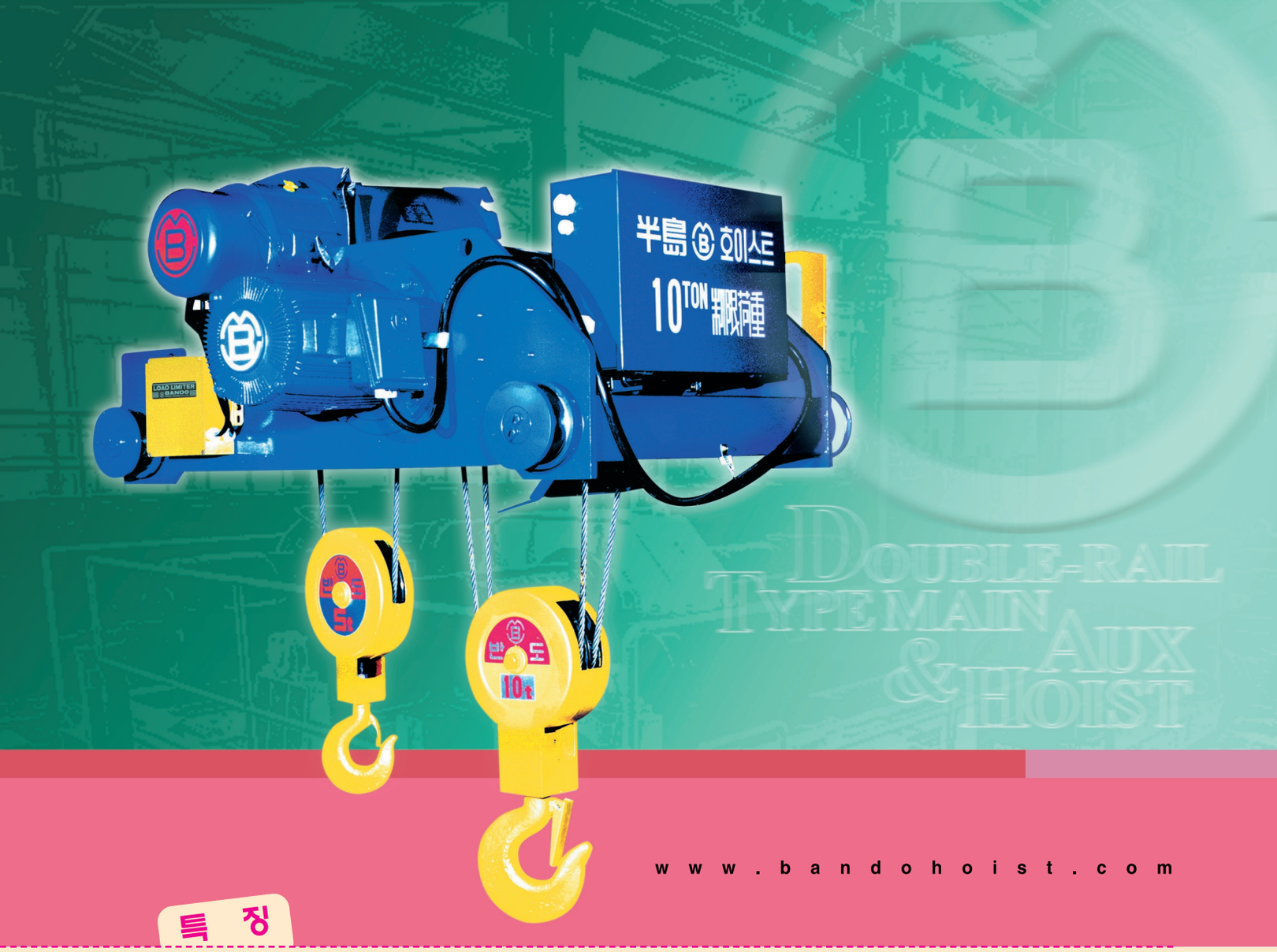


Capacity (ton)			35	50	60	70
Type	High speed traversing		BD35-H12-MH	BD50-H12-MH	BD60-H12-MH	BD70-H12-MH
	Low speed traversing		BD35-H12-ML	BD50-H12-ML	BD60-H12-ML	BD70-H12-ML
Hoist	Max.lift (m)		12	12	12	12
	Hoisting speed (m/min)	50Hz	4	2.7	2	2
		60Hz	4.8	3.2	2.4	2.4
	Hoist motor (kw×p)		33×6	33×6	33×6	33×6
	Wire rope	Construction	6×Fi(25)	6×Fi(25)	6×Fi(25)	6×Fi(25)
		Dia.(min)× no. of ropes	28×4	28×6	28×8	28×8
	Brake		DC magnet disc brake			
Traversing	Traversing speed (m/min)	High speed 50/60(Hz)	12.5/15	12.5/15	12.5/15	12.5/15
		Low speed 50/60(Hz)	8.3/10	8.3/10	8.3/10	8.3/10
	Traversing motor (Kw×P)	High speed	2.2×4	2.2×4(2units)	2.2×4(2units)	2.2×4(2units)
		Low speed	1.5×6	1.5×6(2units)	1.5×6(2units)	1.5×6(2units)
Dimensions (approx.)(mm)		H	1490	1680	1780	1780
		R	1600	2300	2800	2800
		A	1025	1432	1525	1525
		B	955	1243	1150	1150
		C	1012.5	1220	1220	1220
		G	1455	1780	2030	2030
		K	1650	1980	2230	2230
		W	1550	2125	2125	2075
		D	70	80	80	80
		L	1074	1524	1974	1974
		M	215	275	275	300
		N	215	275	275	300
		P	355	450	450	500
		Q	395	490	490	540
Weight (approx.)(kg)			5200	7000	8850	9000
Rail			37kg/m	50kg/m	50kg/m	50kg/m





Capacity (ton)				35	50	60	70
Type	High speed traversing			C-BD35-H12-MH	C-BD50-H12-MH	C-BD60-H12-MH	C-BD70-H12-MH
	Low speed traversing			C-BD35-H12-ML	C-BD50-H12-ML	C-BD60-H12-ML	C-BD70-H12-ML
Hoist	Max.lift (m)			12	12	12	12
	Hoisting speed (m/min) High/creep speed (m/min)		50Hz	4/0.4	2.7/0.27	2/0.2	2/0.2
			60Hz	4.8/0.48	3.2/0.32	2.4/0.24	2.4/0.24
	Motor (kw×p) High/creep speed			33/3.7×6/4	33/3.7×6/4	33/3.7×6/4	33/3.7×6/4
	Wire rope	Construction		6×Fi(25)	6×Fi(25)	6×Fi(25)	6×Fi(25)
		Dia.(min)×no. of ropes		ø28×4	ø28×6	ø28×8	ø28×8
	Brake			DC magnet disc brake			
Traversing	Traversing speed (m/min)	High speed	50Hz	12.5	12.5	12.5	12.5
			60Hz	15	15	15	15
		Low speed	50Hz	8.3	8.3	8.3	8.3
			60Hz	10	10	10	10
	Motor (Kw×P)		High speed	2.2×4	2.2×4(2units)	2.2×4(2units)	2.2×4(2units)
			Low speed	1.5×6	1.5×6(2units)	1.5×6(2units)	1.5×6(2units)
Dimensions (approx.)(mm)			H	1490	1680	1780	1780
			R	1600	2300	2800	2800
			A	1025	1432	1525	1525
			B	955	1243	1150	1150
			C	1012.5	1220	1220	1220
			G	1735	2060	2310	2310
			K	1650	1980	2230	2230
			W	1550	2125	2125	2075
			D	70	80	80	80
			L	1074	1524	1974	1974
			M	215	275	275	300
			N	215	275	275	300
			P	355	450	450	500
			Q	395	490	490	540
Weight (approx.)(kg)				5400	7200	9050	9200
Rail				37kg/m	50kg/m	50kg/m	50kg/m



DOUBLE-RAIL TYPE MAIN & AUX HOIST

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특 징

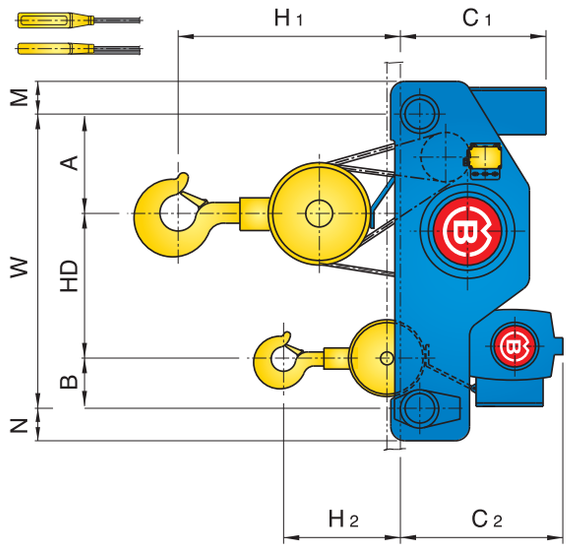
1. **주권 및 보권으로 구성된 쌍둥이 호이스트로, 동일한 트롤리 위에 안착되어 있습니다.**
   주권,보권 용량별로 다양한 제품을 선택할 수 있습니다.
2. **작업능률을 향상시킵니다.**
   작업조건에 따라 주권,보권을 동시 또는 따로 작업하므로 작업능률이 향상됩니다.
3. **전력손실이 적습니다.**
   작업물에 따라 주권, 보권을 선택 사용할 수 있으므로 전력손실이 적어 경제적입니다.

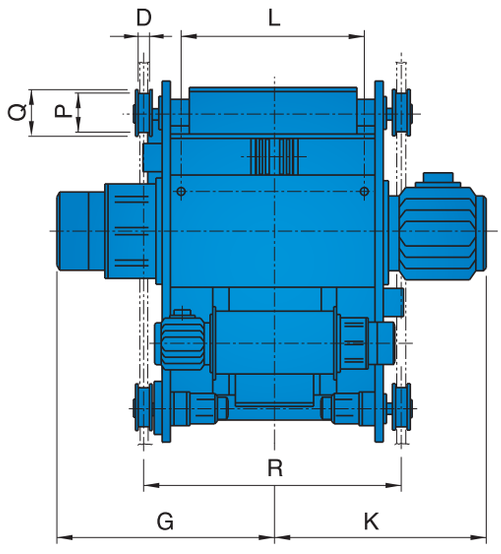
DOUBLE-RAIL TYPE MAIN & AUX HOIST

SAME TROLLEY OF MAIN & AUX. HOIST
It is available to apply various type as per load capacity.

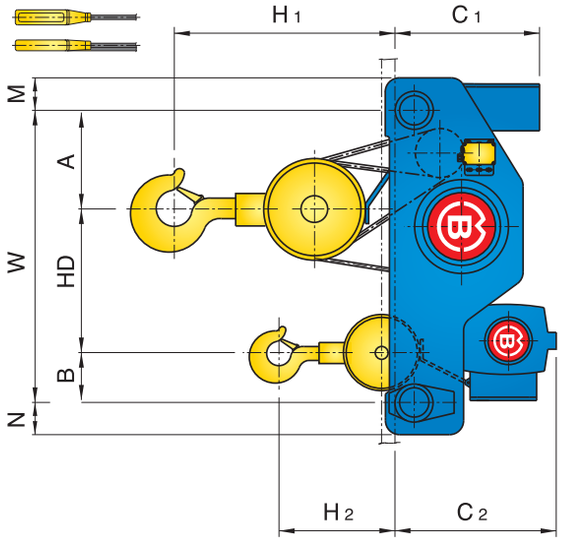
ENCHANCING JOB EFFICIENCY
It is possible to enchance job efficiency operating individually or simultaneously Main hoist & Aux. hoist as per job condition.

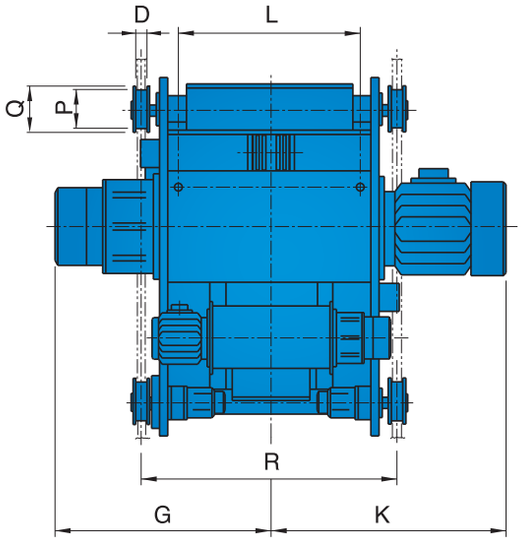
MINIMIZING LOSS OF ELECTRIC POWER
It is economic to operate the proper hoist only subject to handling cargo.



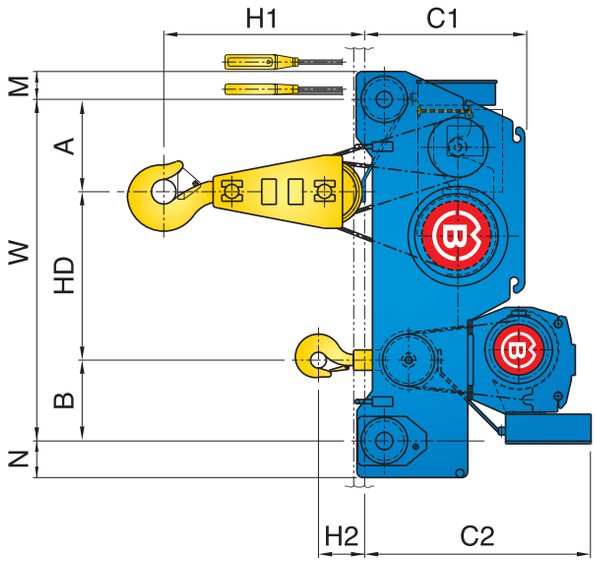


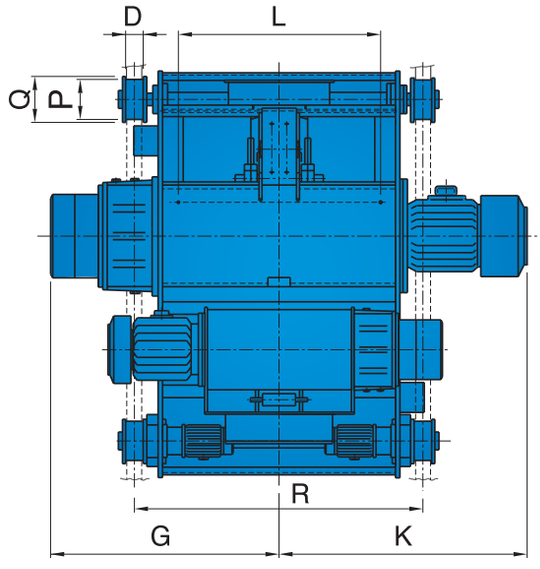
Capacity (ton)			5/3		7.5/3		10/5		15/5	
Type	High speed traversing		BD5/3-H12-MH		BD7.5/3-H12-MH		BD10/5-H12-MH		BD15/5-H12-MH	
	Low speed traversing		BD5/3-H12-ML		BD7.5/3-H12-ML		BD10/5-H12-ML		BD15/5-H12-ML	
Hoist	Max. Lift (m)		12		12		12		12	
	Hoisting speed (m/min)	High speed 50/60(Hz)	4.7/5.6	7.5/9	3.1/3.8	7.5/9	3.7/4.5	4.7/5.6	3.7/4.5	4.7/5.6
		Low speed 50/60(Hz)	3.5/4.2	3.7/4.5	2.3/2.8	3.7/4.5	2.5/3	3.5/4.2	2.5/3	3.5/4.2
	Hoisting Motor (Kw × P)	High speed	5.5×6	5.5×4	5.5×6	5.5×4	9×8	5.5×6	13×8	5.5×6
		Low speed	4.2×8	2.8×8	4.2×8	2.8×8	6×12	4.2×8	8.5×12	4.2×8
	Wire Rope	Construction	6×37	6×37	6×37	6×37	6×37	6× 37	6×37	6×37
		Dia.(mm)× no. of ropes	12.5×4	12.5×2	14×4	12.5×2	16×4	16×2	20×4	16×2
	Brake		DC magnet disc brake							
Traversing	Traversing speed (m/min)	High speed 50/60(Hz)	20/24		12.5/15		12.5/15		12.5/15	
		Low speed 50/60(Hz)	13/16		8.3/10		8.3/10		8.3/10	
	Traversing Motor (Kw × P)	High speed	0.75×4		0.75×4		0.75×4		1.5×4	
		Low speed	0.5×6		0.5×6		0.5×6		1×6	
Dimensions (approx.) (mm)		H1	510		730		775		995	
		H2	270		350		390		365	
		R	1150		1150		1150		1200	
		HD	485		570		600		645	
		A	370		420		460		425	
		B	365		390		400		450	
		C1	630		650		695		860	
		C2	845		725		905		930	
		G	935		925		975		1075	
		K	885		870		1060		1065	
		W	1220		1380		1460		1520	
		D	47		58		58		58	
		L	890		852		851		872	
		M	110		110		110		130	
		N	125		120		120		140	
		P	165		165		165		180	
		Q	190		195		195		210	
Weight (approx.) (kg)			1285		1600		1830		2475	
Rail			15kg/m		15kg/m		15kg/m		22kg/m	



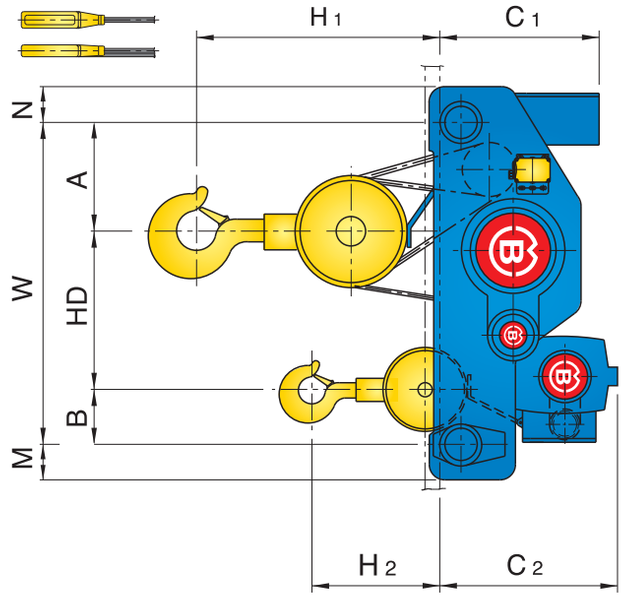


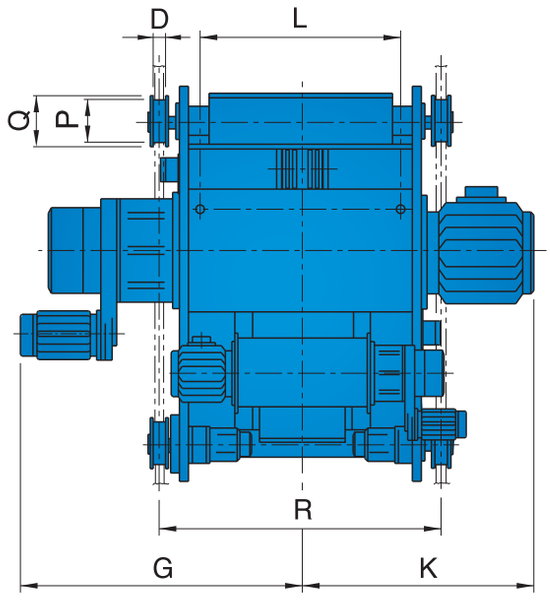
Capacity (ton)			20/5		20/10		30/10		30/15	
Type	High speed traversing		BD20/5-H12-MH		BD20/10-H12-MH		BD30/10-H12-MH		BD30/15-H12-MH	
	Low speed traversing		BD20/5-H12-ML		BD20/10-H12-ML		BD30/10-H12-ML		BD30/15-H12-ML	
Hoist	Max. Lift (m)		12		12		12		12	
	Hoisting speed (m/min)	High speed 50/60(Hz)	3.5/4.2	4.7/5.6	3.5/4.2	3.7/4.5	2.3/2.8	3.7/4.5	2.3/2.8	3.7/4.5
		Low speed 50/60(Hz)	2.5/2.8	3.5/4.2	2.5/2.8	2.5/3	1.5/1.8	2.5/3	1.5/1.8	2.5/3
	Hoisting Motor (Kw × P)	High speed	17×8	5.5×6	17×8	9×8	17×8	9×8	17×8	13×8
		Low speed	11.5×12	4.2×8	11.5×12	6×12	11.5×12	6×12	11.5×12	8.5×12
	Wire Rope	Construction	6×37	6×37	6×37	6×37	6×37	6×37	6×37	6×37
		Dia.(mm)× no. of ropes	22.4×4	16×2	22.4×4	16×4	22.4×6	16×4	22.4×6	20×4
	Brake		DC magnet disc brake							
Traversing	Traversing speed (m/min)	High speed 50/60(Hz)	12.5/15		12.5/15		12.5/15		12.5/15	
		Low speed 50/60(Hz)	8.3/10		8.3/10		8.3/10		8.3/10	
	Traversing Motor (Kw × P)	High speed	1.5×4		1.5×4		1.5×4(2units)		1.5×4(2units)	
		Low speed	1×6		1×6		1×6(2units)		1×6(2units)	
Dimensions (approx.) (mm)		H1	1175		1175		1480		1480	
		H2	350		425		430		615	
		R	1300		1300		1800		1800	
		HD	700		775		1010		1010	
		A	570		575		780		780	
		B	450		630		550		550	
		C1	900		900		980		980	
		C2	935		1000		995		1115	
		G	1165		1165		1425		1425	
		K	1210		1210		1480		1480	
		W	1720		1980		2340		2340	
		D	58		58		70		70	
		L	934		934		1418		1418	
		M	170		170		160		160	
		N	170		170		180		180	
		P	220		220		250		250	
		Q	250		250		280		280	
Weight (approx.) (kg)			2925		3475		4670		5200	
Rail			22kg/m		22kg/m		30kg/m		30kg/m	



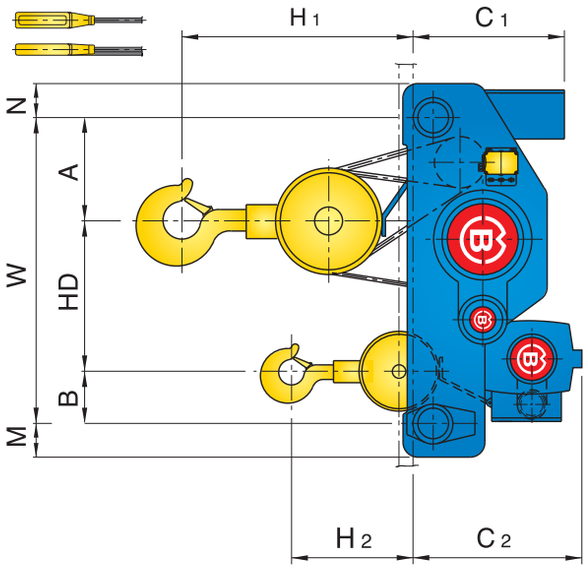


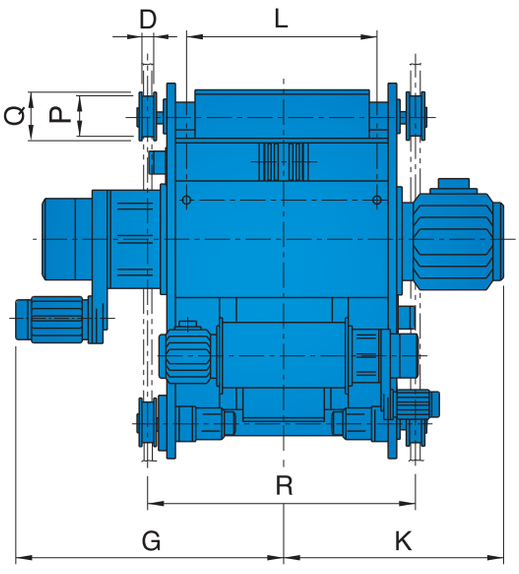
Capacity (ton)			35/10		50/10		60/20		70/20	
Type	High speed traversing		BD35/10-H12-MH		BD50/10-H12-MH		BD60/20-H12-MH		BD70/20-H12-MH	
	Low speed traversing		BD35/10-H12-ML		BD50/10-H12-ML		BD60/20-H12-ML		BD70/20-H12-ML	
Hoist	Max. Lift (m)		12		12		12		12	
	Hoisting speed (m/min)	High speed 50/60(Hz)	4/4.8	3.7/4.5	2.7/3.2	3.7/4.5	2/2.4	3.5/4.2	2/2.4	3.5/4.2
		Low speed 50/60(Hz)		2.5/3		2.5/3		2.5/2.8		2.5/2.8
	Hoisting Motor (Kw × P)	High speed	33×6	9×8	33×6	9×8	33×6	17×8	33×6	17×8
		Low speed		6×12		6×12		11.5×12		11.5×12
	Wire Rope	Construction	6×Fi(25)	6×37	6×Fi(25)	6×37	6×Fi(25)	6×37	6×Fi(25)	6×37
		Dia.(mm)× no. of ropes	28×4	16×4	28×6	16×4	28×8	22.4×4	28×8	22.4×4
	Brake		DC magnet disc brake							
Traversing	Traversing speed (m/min)	High speed 50/60(Hz)	12.5/15		12.5/15		12.5/15		12.5/15	
		Low speed 50/60(Hz)	8.3/10		8.3/10		8.3/10		8.3/10	
	Traversing Motor (Kw × P)	High speed	2.2X4		2.2X4(2units)		2.2X4(2units)		3.7X4(2units)	
		Low speed	1.5X6		1.5X6(2units)		1.5X6(2units)		2.2X6(2units)	
Dimensions (approx.) (mm)		H1	1490		1680		1780		1780	
		H2	420		50		330		330	
		R	1600		2300		2800		2800	
		HD	1100		1300		1378		1378	
		A	740		968		968		968	
		B	560		657		579		579	
		C1	1013		1220		1220		1220	
		C2	1333		1460		1750		1750	
		G	1455		1780		2030		2030	
		K	1650		1980		2230		2230	
		W	2400		2925		2925		2925	
		D	70		80		80		80	
		L	1044		1430		1930		1930	
		M	215		275		275		275	
		N	215		275		275		275	
		P	355		450		450		500	
		Q	395		490		490		540	
Weight (approx.) (kg)			6400		8200		10930		11080	
Rail			37kg/m		50kg/m		50kg/m		50kg/m	



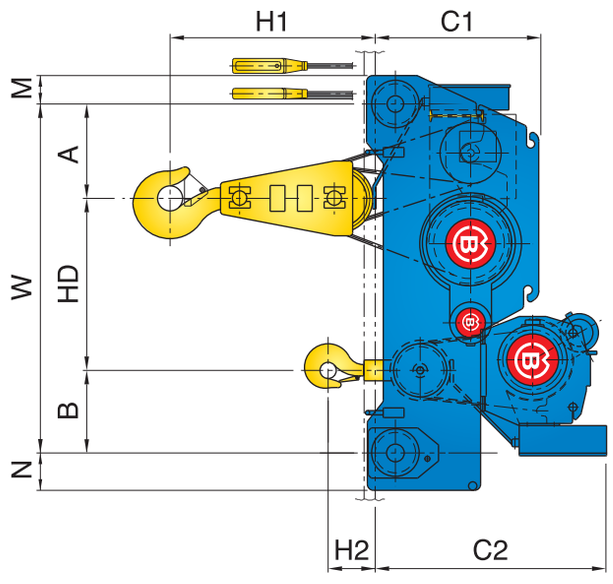


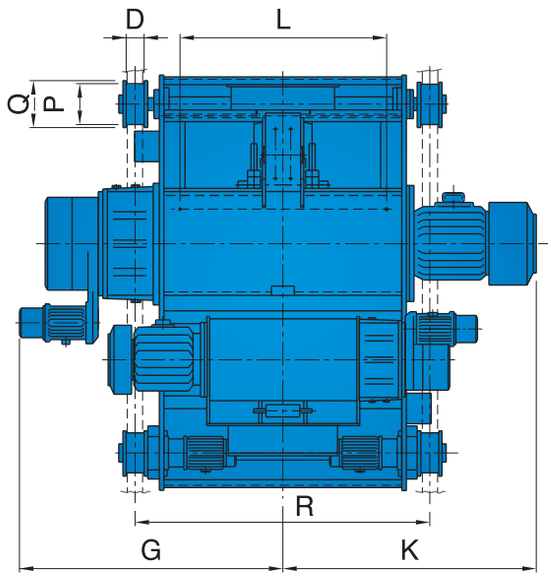
Capacity (ton)			5/3		7.5/3		10/5		15/5	
Type	High speed traversing		CBD5/3-H12-MH		CBD7.5/3-H12-MH		CBD10/5-H12-MH		CBD15/5-H12-MH	
	Low speed traversing		CBD5/3-H12-ML		CBD7.5/3-H12-ML		CBD10/5-H12-ML		CBD15/5-H12-ML	
Hoist	Max. Lift (m)		12		12		12		12	
	Hoisting speed (m/min)	50 Hz	4.7/0.47	7.5/0.75	3.1/0.31	7.5/0.75	3.7/0.37	4.7/0.47	3.7/0.37	4.7/0.47
		60 Hz	5.6/0.56	9/0.9	3.8/0.38	9/0.9	4.5/0.45	5.6/0.56	4.5/0.45	5.6/0.56
	Hoisting Motor (Kw × P)	High speed Low speed	5.5/1×6	5.5/1.1×4	5.5/1×6	5.5/1.1×4	9/1.1×8	5.5/1×6	13/1.8×8	5.5/1×6
	Wire Rope	Construction	6×37	6×37	6× 37	6× 37	6×37	6× 37	6× 37	6× 37
		Dia.(mm)× no. of ropes	12.5×4	12.5×2	14×4	12.5×2	16×4	16×2	20×4	16×2
	Brake		DC magnet disc brake							
Traversing	Traversing speed (m/min)	High speed 50/60(Hz)	20/24		12.5/15		12.5/15		12.5/15	
		Low speed 50/60(Hz)	13/16		8.3/10		8.3/10		8.3/10	
	Traversing Motor (Kw × P)	High speed	0.75×4		0.75×4		0.75×4		1.5×4	
		Low speed	0.5×6		0.5×6		0.5×6		1×6	
Dimensions (approx.) (mm)		H1	510		730		775		995	
		H2	270		350		390		365	
		R	1150		1150		1150		1200	
		HD	485		570		600		645	
		A	370		420		460		425	
		B	365		390		400		450	
		C1	630		650		695		860	
		C2	845		725		905		930	
		G	1170		1185		1275		1385	
		K	885		870		1060		1065	
		W	1220		1380		1460		1520	
		D	47		58		58		58	
		L	890		852		851		872	
		M	110		110		110		130	
		N	125		120		120		140	
		P	165		165		165		180	
		Q	190		195		195		210	
Weight (approx.) (kg)			1385		1690		1950		2605	
Rail			15kg/m		15kg/m		15kg/m		22kg/m	





Capacity (ton)			20/5		20/10		30/10		30/15	
Type	High speed traversing		CBD20/5-H12-MH		CBD20/10-H12-MH		CBD30/10-H12-MH		CBD30/15-H12-MH	
	Low speed traversing		CBD20/5-H12-ML		CBD20/10-H12-ML		CBD30/10-H12-ML		CBD30/15-H12-ML	
Hoist	Max. Lift (m)		12		12		12		12	
	Hoisting speed (m/min)	50 Hz	3.5/0.35	4.7/0.47	3.5/0.35	3.7/0.37	2.3/0.23	3.7/0.37	2.3/0.23	3.7/0.37
		60 Hz	4.2/0.42	5.6/0.56	4.2/0.42	4.5/0.45	2.8/0.28	4.5/0.45	2.8/0.28	4.5/0.45
	Hoisting Motor (Kw × P)	High speed Low speed	17/1.8×8	5.5/1×6	17/1.8×8	9/1.1×8	17/1.8×8	9/1.1×8	17/1.8×8	13/1.8×8
	Wire Rope	Construction	6× 37	6×37	6× 37	6× 37	6×37	6× 37	6× 37	6× 37
		Dia.(mm)× no. of ropes	22.4×4	16×2	22.4×4	16×4	22.4×6	16×4	22.4×6	20×4
	Brake		DC magnet disc brake							
Traversing	Traversing speed (m/min)	High speed 50/60(Hz)	12.5/15		12.5/15		12.5/15		12.5/15	
		Low speed 50/60(Hz)	8.3/10		8.3/10		8.3/10		8.3/10	
	Traversing Motor (Kw × P)	High speed	1.5×4		1.5×4		1.5×4(2units)		1.5×4(2units)	
		Low speed	1×6		1×6		1×6(2units)		1×6(2units)	
Dimensions (approx.) (mm)		H1	1175		1175		1480		1480	
		H2	350		425		430		615	
		R	1300		1300		1800		1800	
		HD	700		775		1010		1010	
		A	570		575		780		780	
		B	450		630		550		550	
		C1	900		900		980		980	
		C2	935		1000		995		1115	
		G	1480		1480		1740		1740	
		K	1210		1210		1470		1470	
		W	1720		1980		2340		2340	
		D	58		58		70		70	
		L	934		934		1418		1418	
		M	170		170		160		160	
		N	170		170		180		180	
		P	220		220		250		250	
		Q	250		250		280		280	
Weight (approx.) (kg)			3070		3600		4820		5320	
Rail			22kg/m		22kg/m		30kg/m		30kg/m	

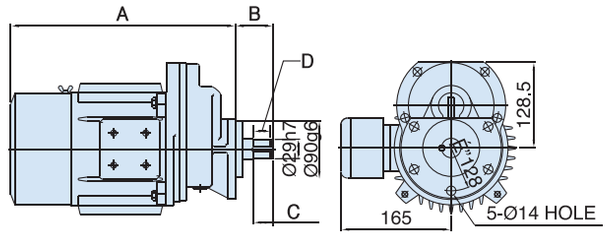




Capacity (ton)			35/10		50/10		60/20		70/20	
Type	High speed traversing		CBD35/10-H12-MH		CBD50/10-H12-MH		CBD60/20-H12-MH		CBD70/20-H12-MH	
	Low speed traversing		CBD35/10-H12-ML		CBD50/10-H12-ML		CBD60/20-H12-ML		CBD70/20-H12-ML	
Hoist	Max. Lift (m)		12		12		12		12	
	Hoisting speed (m/min)	50 Hz	4/0.4	3.7/0.37	2.7/0.27	3.7/0.37	2/0.2	3.5/0.35	2/0.2	3.5/0.35
		60 Hz	4.8/0.48	4.5/0.45	3.2/0.32	4.5/0.45	2.4/0.24	4.2/0.42	2.4/0.24	4.2/0.42
	Hoisting Motor (Kw × P)	High speed	33/3.7× 6/4	9/1.1×8	33/3.7× 6/4	9/1.1×8	33/3.7× 6/4	17/1.8×8	33/3.7× 6/4	17/1.8×8
		Low speed								
	Wire Rope	Construction	6×Fi(25)	6×37	6×Fi(25)	6× 37	6×Fi(25)	6× 37	6×Fi(25)	6× 37
		Dia.(mm)× no. of ropes	28×4	16×4	28×6	16×4	28×8	22.4×4	28×8	22.4×4
	Brake		DC magnet disc brake							
Traversing	Traversing speed (m/min)	High speed 50/60(Hz)	12.5/15		12.5/15		12.5/15		12.5/15	
		Low speed 50/60(Hz)	8.3/10		8.3/10		8.3/10		8.3/10	
	Traversing Motor (Kw × P)	High speed	2.2×4		2.2×4(2units)		2.2×4(2units)		3.7×4(2units)	
		Low speed	1.5×6		1.5×6(2units)		1.5×6(2units)		2.2×6(2units)	
Dimensions (approx.) (mm)		H1	1490		1680		1780		1780	
		H2	420		50		330		330	
		R	1600		2300		2800		2800	
		HD	1100		1300		1378		1378	
		A	740		968		968		968	
		B	560		657		579		579	
		C1	1013		1220		1220		1220	
		C2	1333		1460		1750		1750	
		G	1735		2060		2310		2310	
		K	1650		1980		2230		2230	
		W	2400		2925		2925		2925	
		D	70		80		80		80	
		L	1044		1430		1930		1930	
		M	215		275		275		275	
		N	215		275		275		275	
		P	355		450		450		500	
		Q	395		490		490		540	
Weight (approx.) (kg)			6700		8500		11290		11440	
Rail			37kg/m		50kg/m		50kg/m		50kg/m	

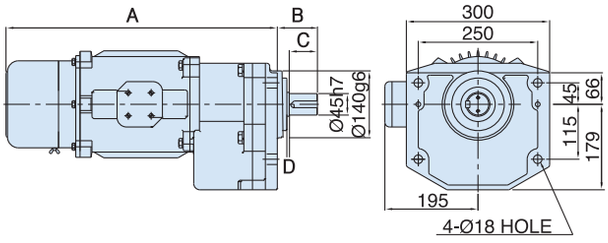
Geared Motor

오뚜기 TYPE



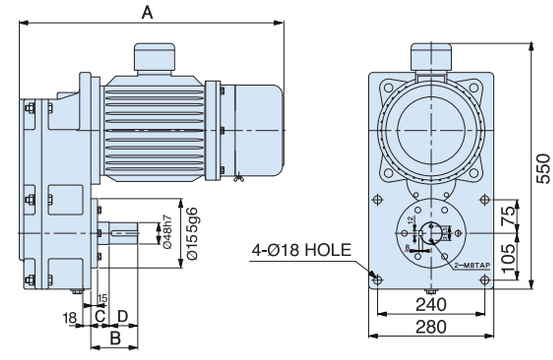
CAP / DIMENSIONS	0.5KWx6P 0.75KWx4P		1KWx6P 1.5KWx4P
A	336		371
B	56.5	77.5	87
C	29	34	64
D	25	30	60
REDUCE RATIO	1/8.4, 1/12.12, 1/16.36		

ET TYPE



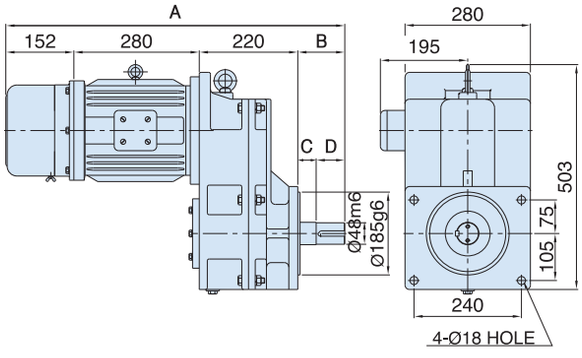
CAP / DIMENSIONS	1.5KWx6P,2.2KWx4P
A	565
B	84
C	59
D	5
REDUCE RATIO	1/20.26

넙죽이 A TYPE



CAP / DIMENSIONS	2.2KW×6P, 3.7KW×4P 5.5KW×4P
A	592
B	105
C	41
D	64
REDUCE RATIO	1/22

넙죽이 B TYPE



CAP / DIMENSIONS	2.2KW×6P, 3.7KW×4P 5.5KW×4P
A	757
B	105
C	41
D	64
REDUCE RATIO	1/22

특징 :

1) 고정도 GEAR를 사용한 GEARED MOTOR로 정숙한 운전 및 쾌적한 작업환경을 보장합니다.

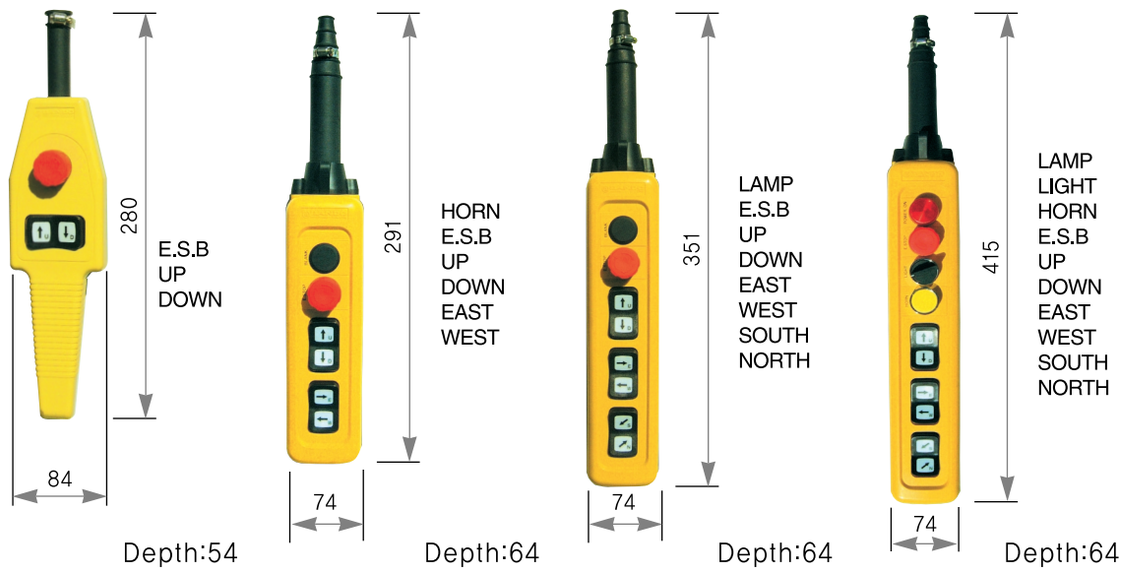
2) 사용자의 용도에 따라 단일속도, 이중속도등 선택 사용할 수 있습니다.

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



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.

2) 단일속도 SWITCH와 이중속도 SWITCH의 조립호환성이 있는 제품입니다.

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.

2) This is a product that has interchangeablility of assembly between single speed SWITCH and double speed SWITCH.

Load Limiter (Digital Type)

CHAIN HOIST용

TYPE : BCDL-80
CAPACITY : 10ton이하
적용MOTOR
CHAIN HOIST 전기종
조작전압 : 110V~220V (Free)

WIRE HOIST용

TYPE : BDL-250
적용MOTOR
WIRE HOIST 전기종
조작전압 : 110V~220V (Free)

Depth:58

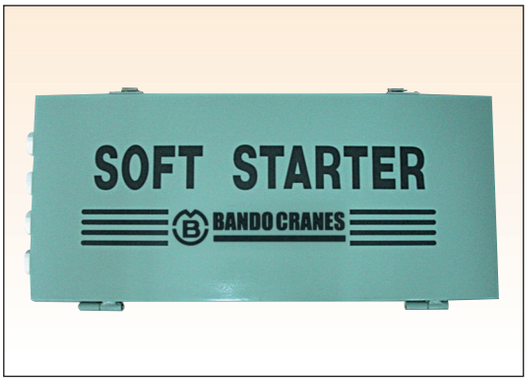
특징 : 1) BANDO LOAD LIMITER는 CHAIN HOIST 및 WIRE HOIST 등의 어떠한 제품에도 취부할 수 있도록 다양한 모델을 가지고 있습니다.

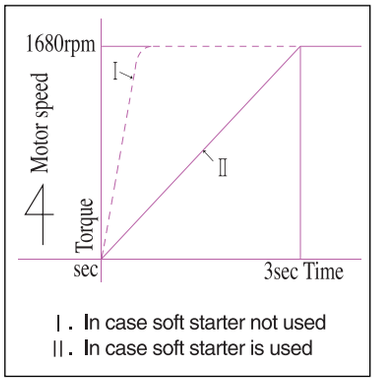
2) MICRO COMPUTER를 탑제하여 RESET TIME 지연기능 및 과부하 상승시간을 기억하고 있으므로 동일 시간동안 하강하면 AUTO RESET가 되는 기능을 가지고 있습니다.

1) BANDO LOAD LIMITER has a various model such as CHAIN HOIST and WIRE HOIST, etc. to accomodate any kinds of products.

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.

Soft Starter





Ⅰ. In case soft starter not used
Ⅱ. In case soft starter is used

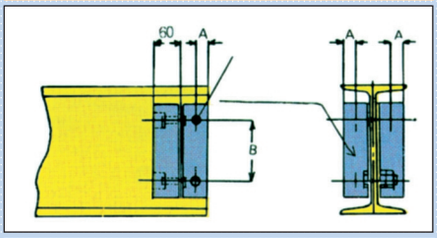
Model \ Motor	Capacity(kw) 1Motor	2Motor	Power Source
SS-2230 SS-3830 SS-4430	1.0	0.5×2	220×60Hz 380×60Hz 440×60Hz
SS-2230 SS-3830 SS-4430	1.5	0.75×2	
SS-2230 SS-3830 SS-4430	3.0	1.5×2	
SS-2244 SS-3844 SS-4444	4.4	2.2×2	
SS-2275 SS-3875 SS-4475	7.5	3.7×2	

특징 : 1) BANDO SOFT STARTER는 CRANE 및 대차등의 시동시에 발생하는 충격을 없애고 SMOOTH한 출발로 기계의 수명을 연장합니다.
2) SOFT STARTER는 THYRISTER를 이용한 완시동 장치로 단상제어 방식과 3상제어방식이 있습니다.
3) BANDO NEW TYPE SOFT STARTER는 산업안전 보건법에서 규정하고 있는 MAIN MCCB 및 MAIN MAG. CONTACTOR 등을 내장하여 별도의 MAIN INCOMING SWITCH BOX가 필요 없습니다.

1) BANDO SOFT STARTER eliminates the impact which occurs when CRANES and large carts are started and it extends the life of machines with SMOOTH start.
2) SOFT STARTER is a complete starter device using THYRISTER and it has 1 form control method and 3 forms control method.
3) BANDO NEW TYPE SOFT STARTER is included to MAIN MCCB, MAIN MAG, CONTACTOR and so on, in health law for industrial safety regulates. It' s not need MAIN INCOMING SWITCH BOX.

Hoist Components

Installation of Stopper



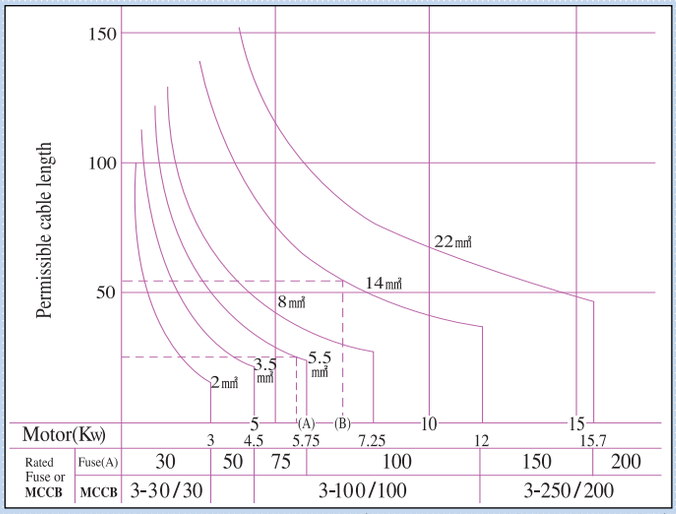
I-beam (mm)	150 x 75	200 x 100	250 x 125	300 x 150	300 x 150	400 x 150	450 x 175
Angle beam (mm)	50×50×6			65×65×6			
A (mm)	22			30			
B (mm)	75	105	110	140	190	230	280
d (mm)	M 11	M 16	M 16	M 20	M 20	M 20	M 20

Max.permissible span for tranverser rails(m)

I-beam size A x B x t	Allowable Span of Standad BH hoist by Capacities (m) (Supported at both ends) 1/2 t	1 t	2t	3 t	5 t
200 × 100 × 7	5.8	4.1	2.9	2.3	–
250 × 125 × 7.5	8.9	6.3	4.4	3.6	–
300 × 150 × 10	14.0	9.9	7.0	5.7	4.4
350 × 150 × 9	15.3	10.8	7.6	6.2	4.8
350 × 150 × 12	18.6	13.2	9.3	7.6	5.9
400 × 150 × 10	19.2	13.6	9.6	7.8	6.1
400 × 150 × 12.5	22.1	15.6	11.0	9.0	7.0
450 × 175 × 11	–	–	–	–	7.7
450 × 175 × 13	–	–	–	–	8.6
Min. radius of	1.5	1.5	1.8	1.8	2.3

(I-Beam 허용최대 Span)

Max.permissible lengh for Cabtyre cable



(Cabtyre cable 사용길이 및 Fuse 용량)

www.bandohoist.com

Wire Rope Hoist & Wire Rope
Explosion-proof Hoist
Chain Hoist
Cranes
Components of Crane
Tongs & Coil Lifter
Conveyor
F/A System

안전과 최고의 하역능력을 보장하는 bandohoist

Korea

산업안전보건법에는 모든 CRANE에 대하여 설계, 성능 및 완성검사를 받도록 되어 있으며 또한 검사에 합격된 제품에 한하여 사용할 수 있습니다.
당사는 그동안의 축적된 기술을 바탕으로 하여 항상 수요자가 만족할 수 있는 제품을 생산, 공급하고 있습니다.
특히 HOIST는 전기종이 산업안전공단의 성능검사에 이미 합격하였으므로 CRANE 완성검사시 HOIST자체에 대한 검사는 면제되므로 검사기간이 단축됩니다.

English

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.

대한민국 운반하역 기계의 선구자

반도 호이스트크레인

425-851 경기도 안산시 단원구 원시동 735 5B-2L
425-851 5B-2L, 735 Wonsi-Dong, Danwon-Gu
Ansan City, Gyeonggi-Do, Korea
www.bandohoist.com

TEL. 1588-3701(代) FAX. 031)495-8353

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