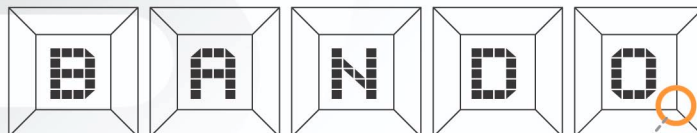




B BANDO

ELECTRIC WIRE ROPE HOIST



⇒⇒⇒ www.bandohoist.com

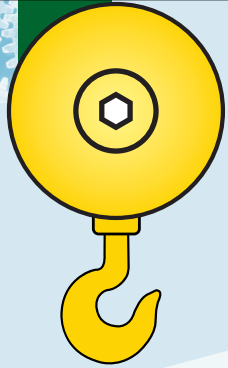


BEFORE
SERVICE

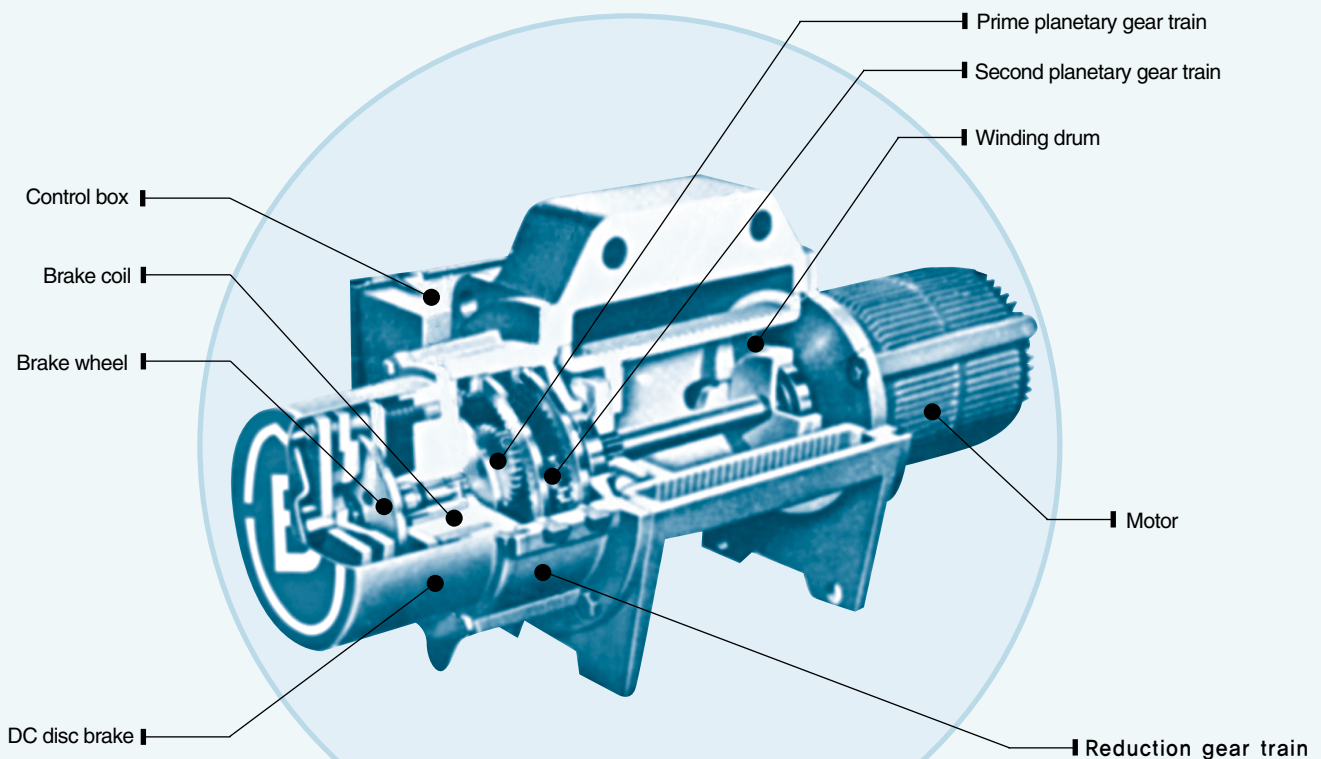
POWER



반도 호이스트크레인
BANDO CRANES



호이스트의 단면 Cross-Sectional view 구조도



:: Regular Type (Mono Rail Type)

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

:: Double Rail Type

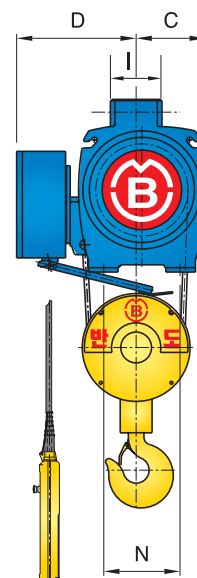
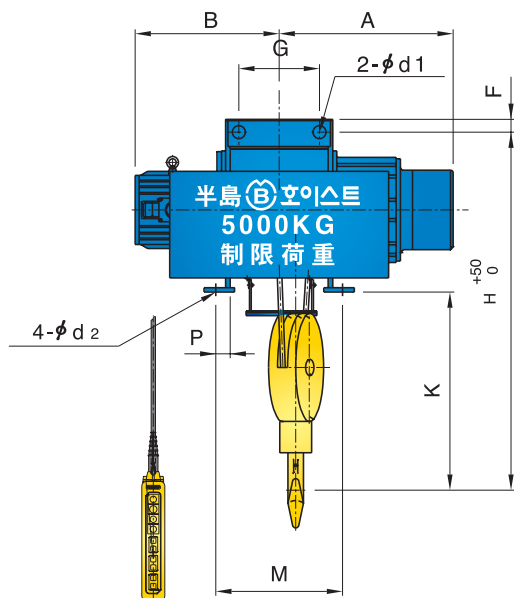
화물이 상하, 주행, 횡행 이동을 필요로 하는 장소의 권상장치로 적합합니다.
설치가 간편하고 보수점검도 안전하게 할 수 있고 크레인을 소형 경량화하여
경제성도 있습니다.

:: Low Head Type

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

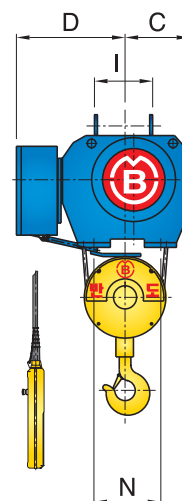
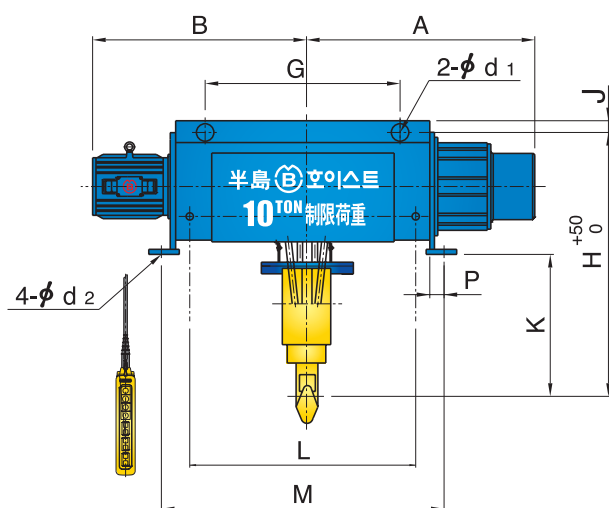
:: Main & Aux Type

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.

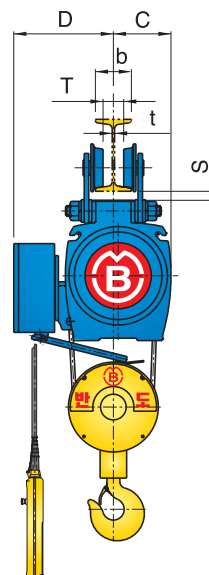
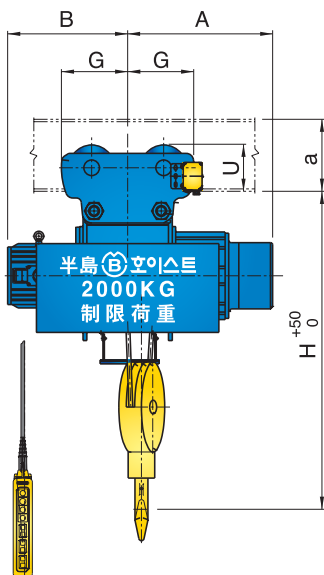


Capacity (ton)			1	2	2.8	3	5	
Type Hoisting speed		High speed	BN1-H6(12)	BN2-H6(12)	BN2.8-H6(12)	BN3-H6(12)	BN5-H6(12)	
		Low speed	BN1-L6(12)	BN2-L6(12)	BN2.8-L6(12)	BN3-L6(12)	BN5-L6(12)	
Hoist	Max.lift (m)		6(12)	6(12)	6(12)	6(12)	6(12)	
	Hoisting speed (m/min)	High speed 50/60 (Hz)	10/12	8.4/10	7.5/9	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.



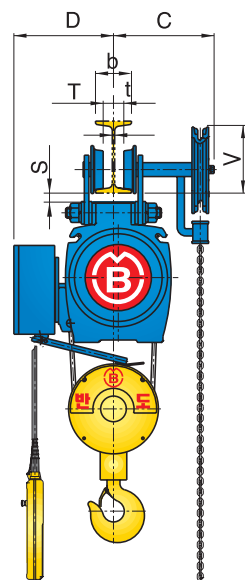
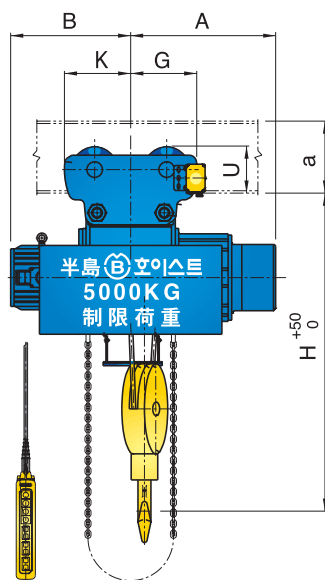
Capacity (ton)			7.5	10	15	20
Type Hoisting speed		High speed	BN7.5–H12	BN10–H12	BN15–H12	BN20–H12
		Low speed	BN7.5–L12	BN10–L12	BN15–L12	BN20–L12
Hoist	Max.lift (m)		12	12	12	12
	Hoisting speed (m/min)	High speed 50/60 (Hz)	3.1/3.8	3.7/4.5	3.7/4.5	3.5/4.2
		Low speed 50/60 (Hz)	2.3/2.8	2.5/3	2.5/3	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)		

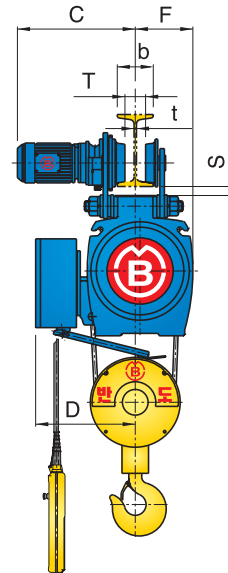
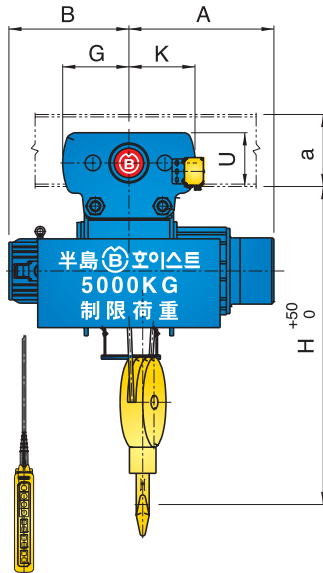
Note: 1. Figures in parentheses are for hoist of 12-meter lift.

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



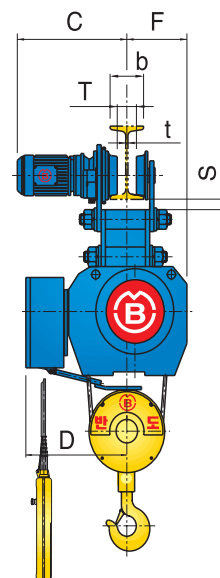
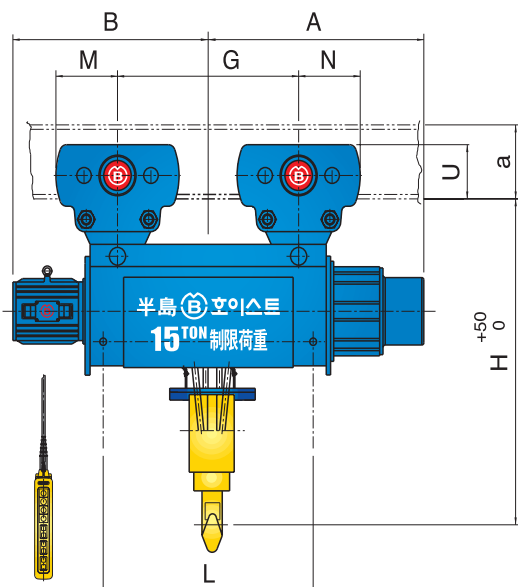
Capacity (ton)			1					2					2.8					3					5						
Type Hoisting speed		High speed	BN1-H6 (12)-C					BN2-H6 (12)-C					BN2.8-H6 (12)-C					BN3-H6 (12)-C					BN5-H6 (12)-C						
		Low speed	BN1-L6 (12)-C					BN2-L6 (12)-C					BN2.8-L6 (12)-C					BN3-L6 (12)-C					BN5-L6 (12)-C						
Hoist	Max.lift (m)		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 (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					6×3.7					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 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.



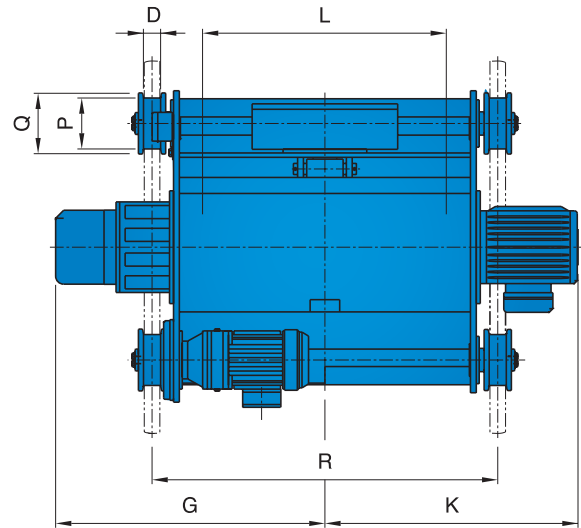
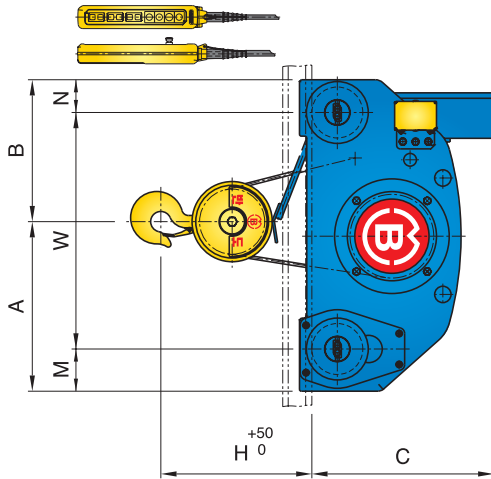
Capacity (ton)			1					2					2.8					3					5						
Type		Hoisting speed	High – high		BN1-H6 (12)-MH					BN2-H6 (12)-MH					BN2.8-H6 (12)-MH					BN3-H6 (12)-MH					BN5-H6 (12)-MH				
			High – low		BN1-H6 (12)-ML					BN2-H6 (12)-ML					BN2.8-H6 (12)-ML					BN3-H6 (12)-ML					BN5-H6 (12)-ML				
			Low – 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 (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																										
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	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 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.

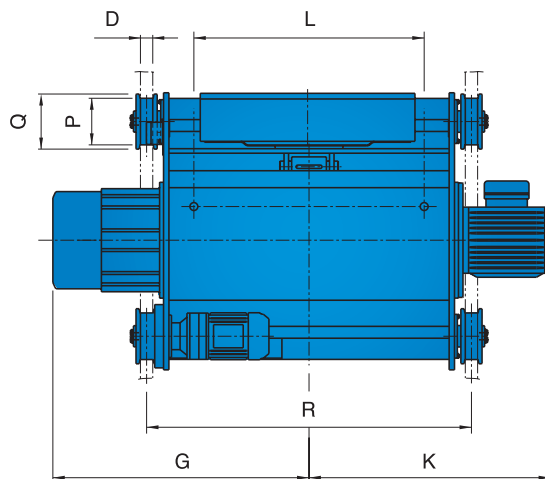
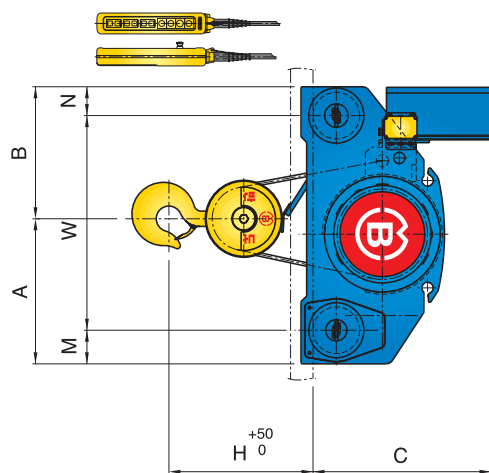


Capacity (ton)			7.5					10					15					20					
Type	Hoisting speed	High-high	BN7.5-H12-MH					BN10-H12-MH					BN15-H12-MH					BN20-H12-MH					
		High-low	BN7.5-H12-ML					BN10-H12-ML					BN15-H12-ML					BN20-H12-ML					
		Low-high	BN7.5-L12-MH					BN10-L12-MH					BN15-L12-MH					BN20-L12-MH					
		Low-low	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 (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																				
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	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						

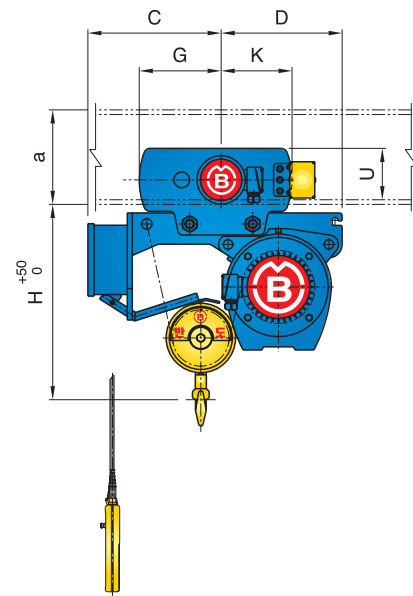
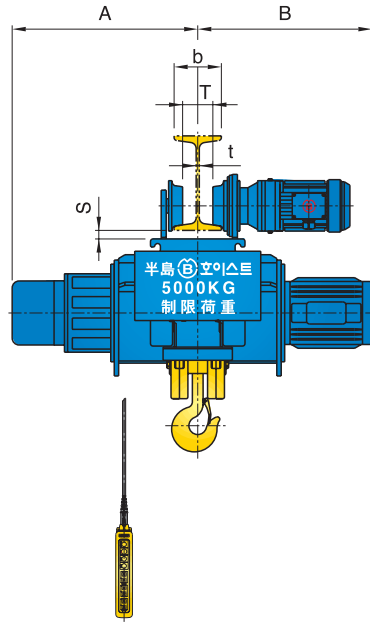
Note: 1) If curved rail requires, this must be indicated in advance 2) Dimensions of I-beam in sections are standard ones. Other I-beam also can be used by changing spacers.

Distance of wire at
lowest level

Capacity (ton)			2	2.8	3	5	
Type	Hoisting speed (High-low)	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	
	Traversing speed (High-low)	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	

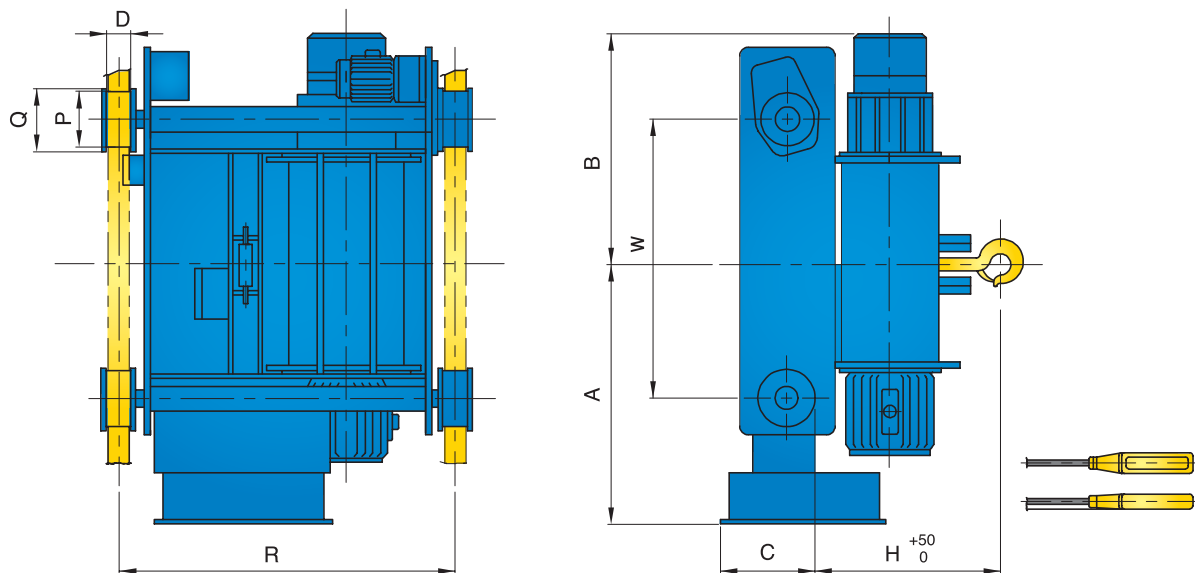


Capacity (ton)			7.5	10	15	20	30
Type	Hoisting speed (High-low)	High-high	BD7.5-H12-MH	BD10-H12-MH	BD15-H12-MH	BD20-H12-MH	BD30-H12-MH
		High-low	BD7.5-H12-ML	BD10-H12-ML	BD15-H12-ML	BD20-H12-ML	BD30-H12-ML
	Traversing speed (High-low)	Low-high	BD7.5-L12-MH	BD10-L12-MH	BD15-L12-MH	BD20-L12-MH	BD30-L12-MH
		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	

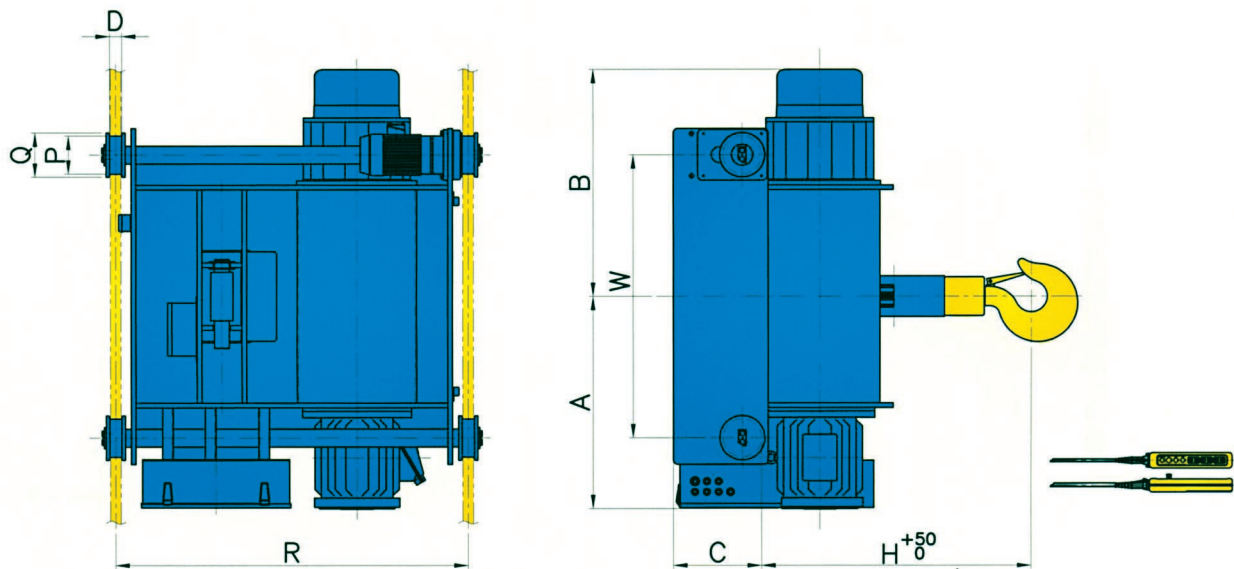


Capacity (ton)			1			2			2.8			3			5					
Type	Hoisting speed (High-low)	High-high	BL1-H6-MH			BL2-H6-MH			BL2.8-H6-MH			BL3-H6-MH			BL5-H6-MH					
		High-low	BL1-H6-ML			BL2-H6-ML			BL2.8-H6-ML			BL3-H6-ML			BL5-H6-ML					
	Traversing speed (High-low)	Low-high	BL1-L6-MH			BL2-L6-MH			BL2.8-L6-MH			BL3-L6-MH			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.



Capacity (ton)			2	2.8	3	5	7.5
Type	Hoisting 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
	Traversing speed	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
Dimensions (approx.)(mm)	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
	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
Weight (approx.)(kg)	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	High-high	BM10-H12-MH	BM15-H12-MH	BM20-H12-MH
	-	High-low	BM10-H12-ML	BM15-H12-ML	BM20-H12-ML
	Traversing speed	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
performance in doing precise
work such as machinery
assembling and form adjusting.



www.bandohoist.com

특징

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 정속하게 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 efficiently stopped and
unloaded.

SAFETY DESIGN

Two motors 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

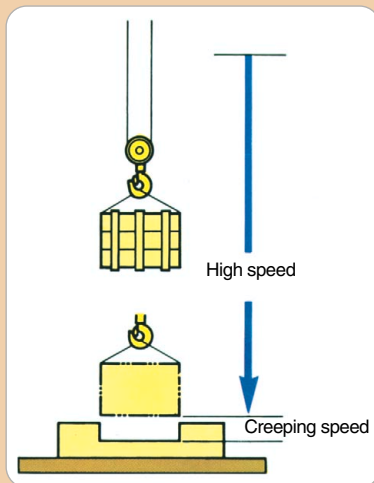
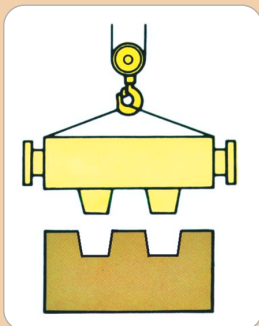
Trolley is equipped with geared motor of slow-
start and stop so that the trolley position is and
smoothly adjusted.

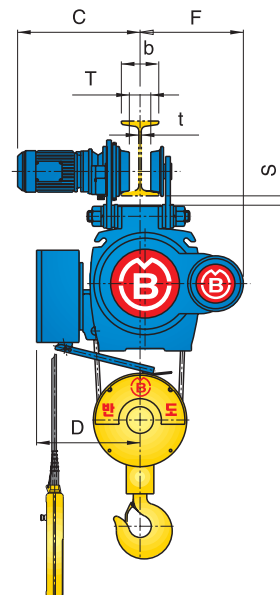
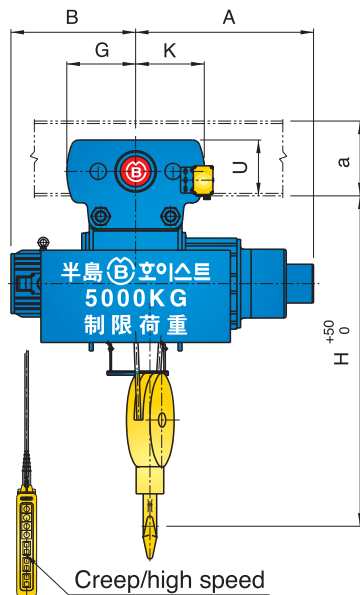
DURABILITY AND ECONOMICAL IMPROVEMENT

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

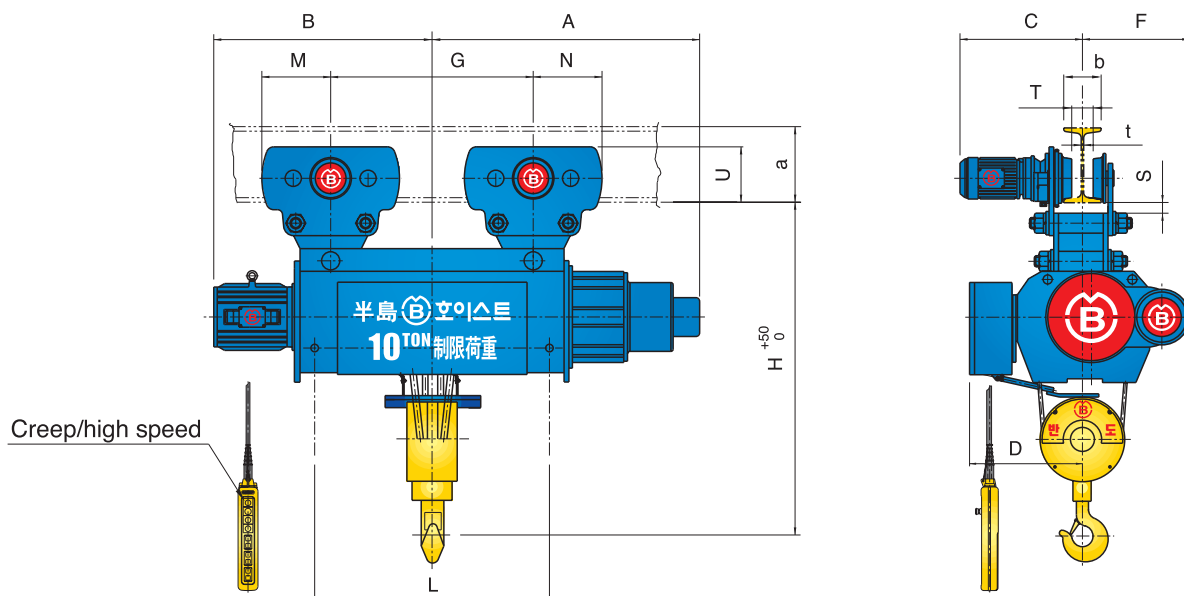
- Work removable to machine tool
- Machine assembly
- Die matching of injection machine
- Die transter, machining and drawing works at casting shop
- Die mounting, removing to press
- Change of jigs and tools





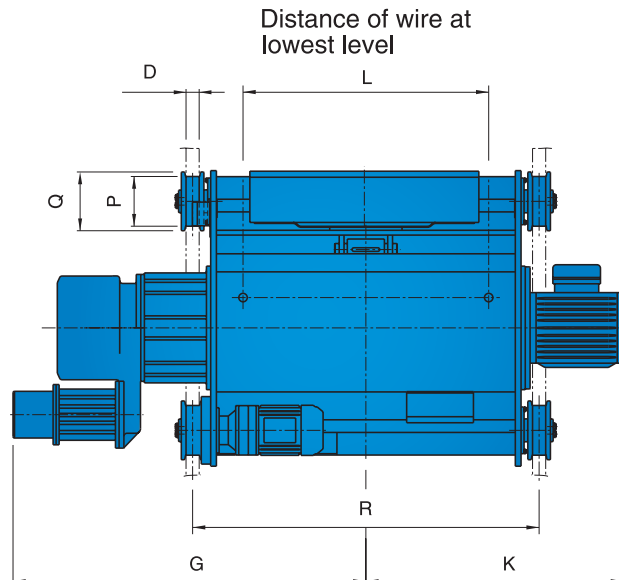
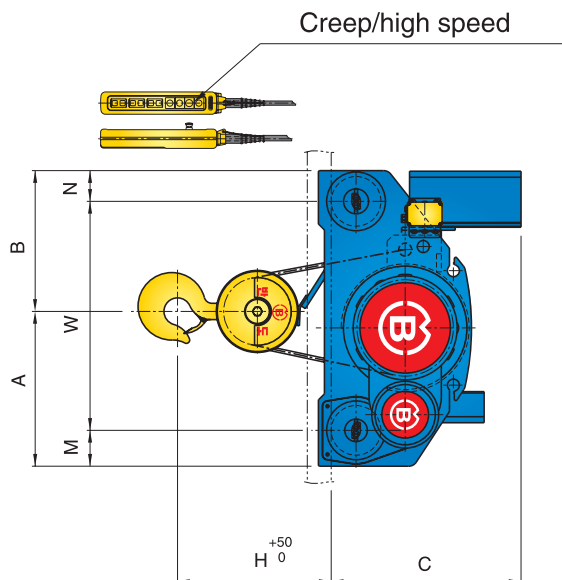
Capacity (ton)				1				2				2.8				3				5				
Type	High-speed traversing			C-BN1-H6(12)-MH				C-BN2-H6(12)-MH				C-BN2.8-H6(12)-MH				C-BN3-H6(12)-MH				C-BN5-H6(12)-MH				
	Low-speed traversing			C-BN1-H6(12)-ML				C-BN2-H6(12)-ML				C-BN2.8-H6(12)-ML				C-BN3-H6(12)-ML				C-BN5-H6(12)-ML				
Hoist	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.

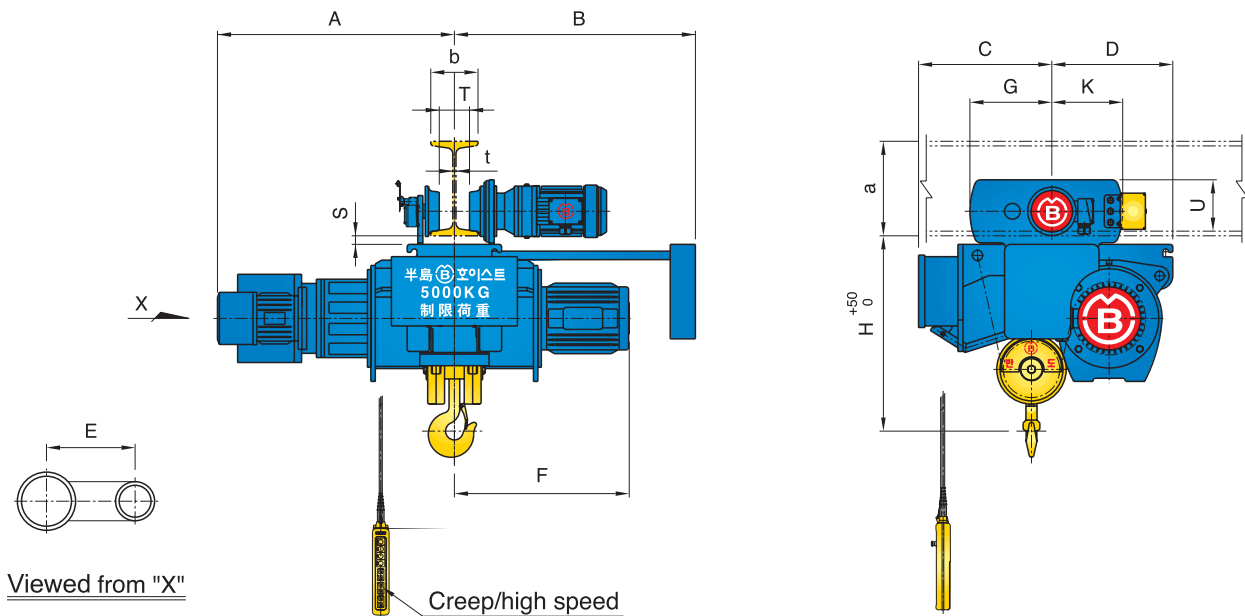


Capacity (ton)				7.5				10				15				20					
Type	High-speed traversing			C-BN7.5-H12-MH				C-BN10-H12-MH				C-BN15-H12-MH				C-BN20-H12-MH					
	Low-speed traversing			C-BN7.5-H12-ML				C-BN10-H12-ML				C-BN15-H12-ML				C-BN20-H12-ML					
Hoist	Max.lift (m)			12				12				12				12					
	Hoisting speed (m/min)		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.

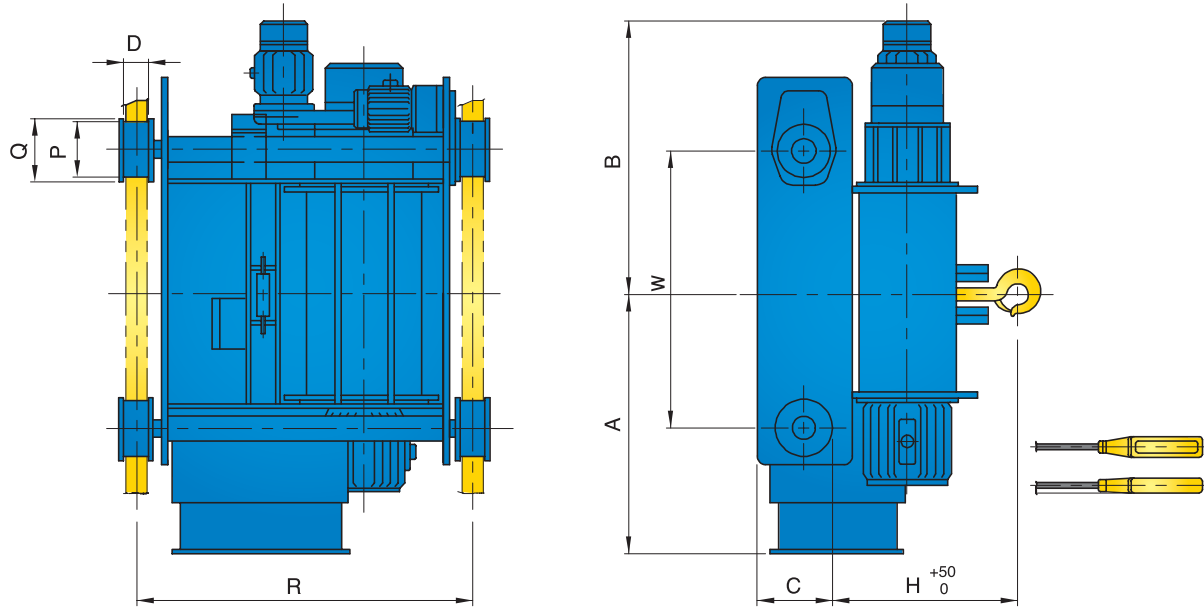


Capacity (ton)				2	2.8	3	5	7.5	10	15	20	30	
Type	Hlgh-speed traversing			C-BD2-H12-MH	C-BD2.8-H12-MH	C-BD3-H12-MH	C-BD5-H12-MH	C-BD7.5-H12-MH	C-BD10-H12-MH	C-BD15-H12-MH	C-BD20-H12-MH	C-BD30-H12-MH	
	Low-speed traversing			C-BD2-H12-ML	C-BD2.8-H12-ML	C-BD3-H12-ML	C-BD5-H12-ML	C-BD7.5-H12-ML	C-BD10-H12-ML	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)	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		

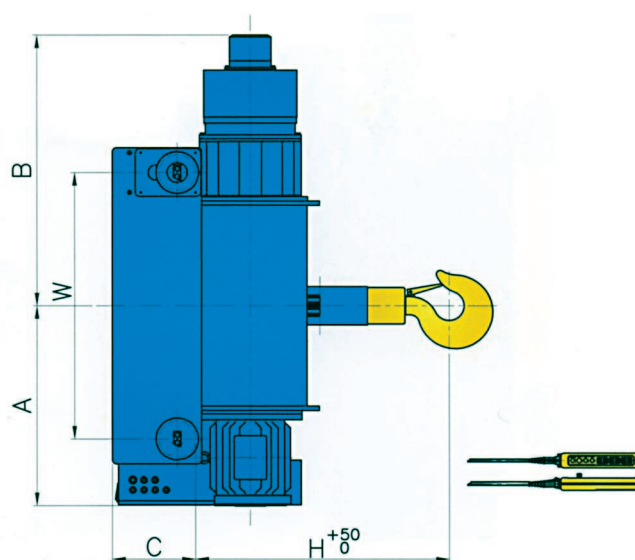
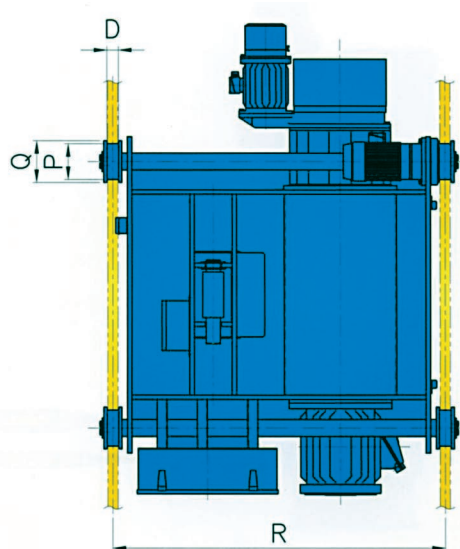


Capacity (ton)				1			2			2.8			3			5				
Type	High-speed traversing			C-BL1-H6-MH			C-BL2-H6-MH			C-BL2.8-H6-MH			C-BL3-H6-MH			C-BL5-H6-MH				
	Low-speed traversing			C-BL1-H6-ML			C-BL2-H6-ML			C-BL2.8-H6-ML			C-BL3-H6-ML			C-BL5-H6-ML				
Hoist	Max.lift (m)			6			6			6			6			6				
	Hoisting speed (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		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				

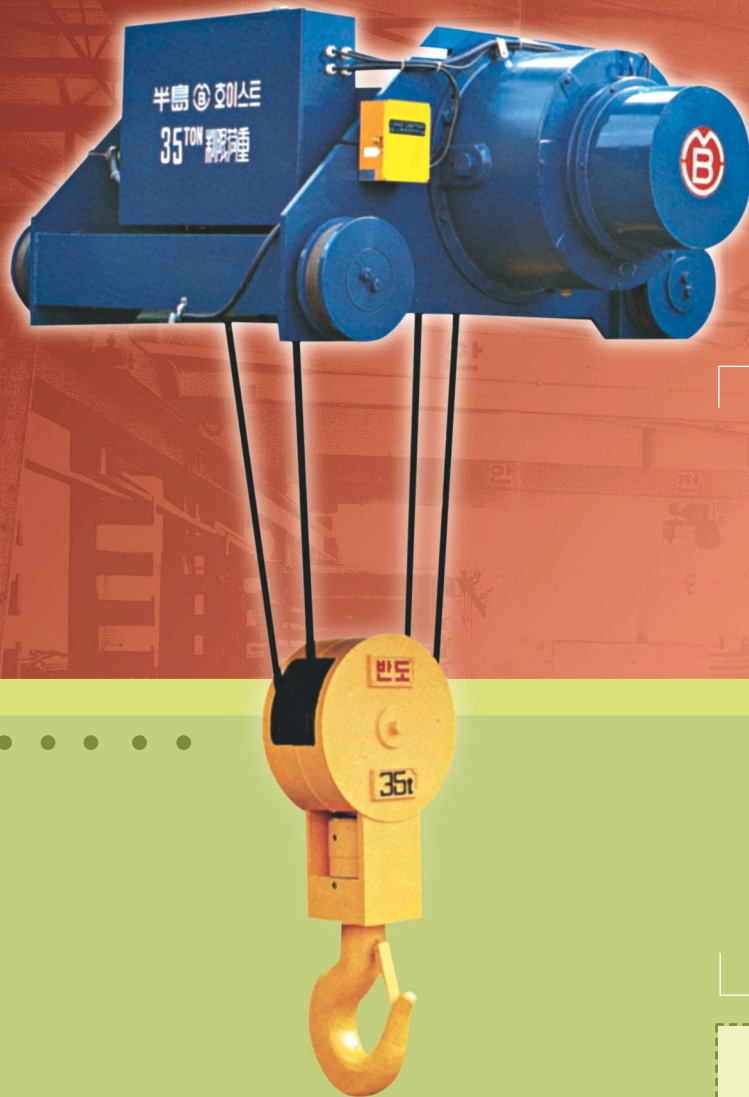
Note: 1) Figures in parentheses are for hoist of 12-meter lift. 2) Dimensions of I-beam in sections are standard ones. Other I-beam also can be used by changing spacers.



Capacity (ton)			2	2.8	3	5	7.5	
Type	Hoisting 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	
	Traversing speed —	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	



Capacity (ton)			10	15	20
Type	Hoisting 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
	Traversing speed	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
	Hoisting motor(Kw×P) High/Creep speed		9/1.1×8	13/1.8×8	17/1.8×8
	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.

특징

1. 광범위한 하역이 가능

대용량의 CRAB FRAME에 비해 중량이 가볍고 소형이므로
경량의 CRANE GIRDER, SADDLE를 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,
전기중 D.C Brake를 채용하여 조정이 간단히되며 무점검화
하였습니다.

3. 전기 BRAKE 방식 채택

하강식 가속방지에 전기 Brake를 채택함으로써 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

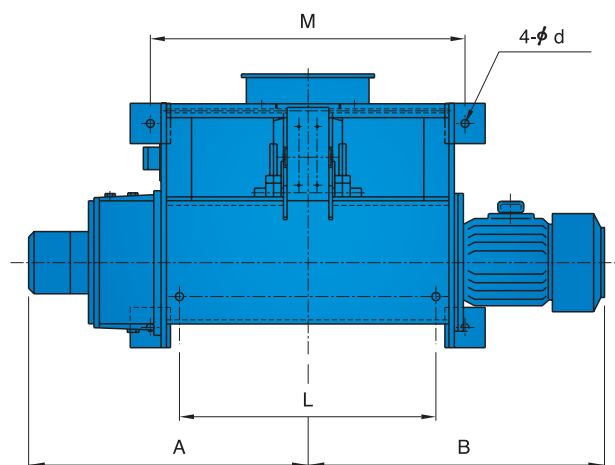
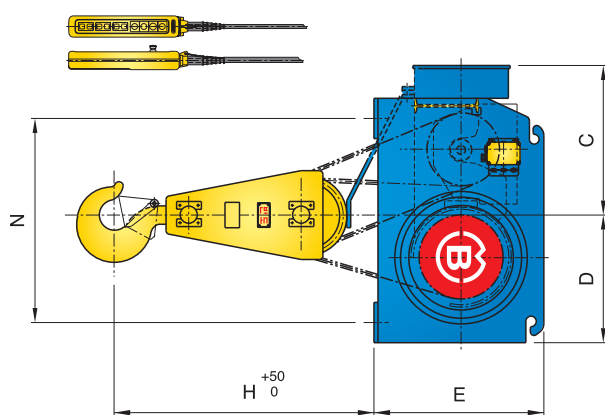
The hoist can be used immediately since the gear oil is already
poured in the oil-sealed gear section, and also no special
lubrication is required since sealed grease bearings are used.
Mechanism employed on our hoist is designed to meet
continuous operation for many years to come, and brake lining
is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

Powerful And Good For Continuous Usage

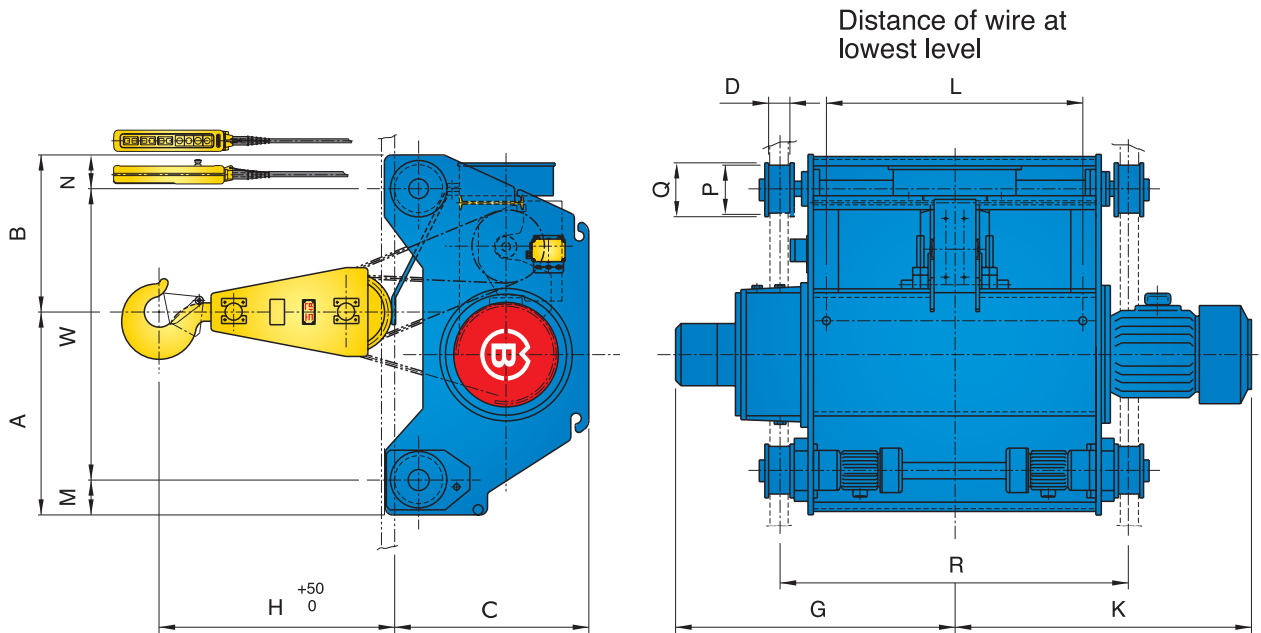
Very powerful high torque motor is used, and therefore out
hoist is known well as a powerful hoist. In addition all
components are built to fit for the powerful motor, and therefore
out hoist is good for continuous operation.

Block Building System

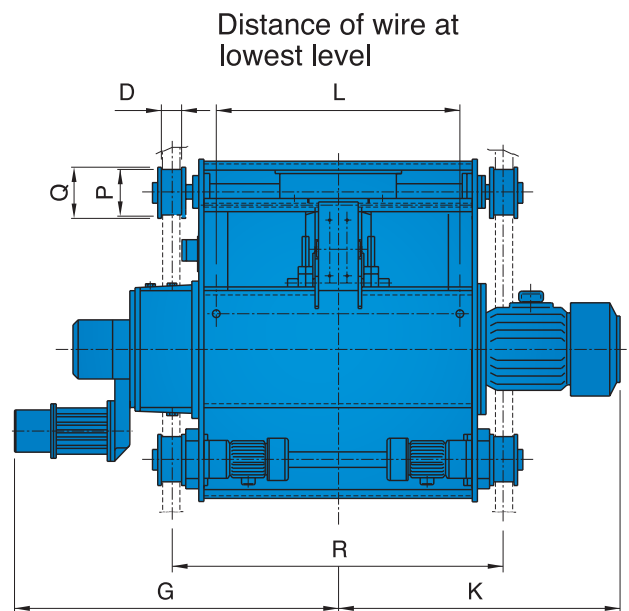
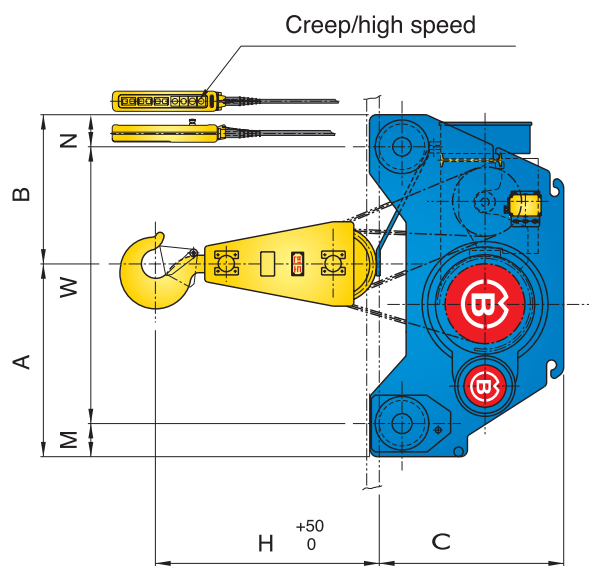
The hoist can be assembled in various combination of several
basic blocks, and therefore hoist type (suspension, hand-push,
chain trolley, or motor-driven) can be easily interchanged, and
replacement of broken or damaged parts, and or wiring can be
done in a very short time.



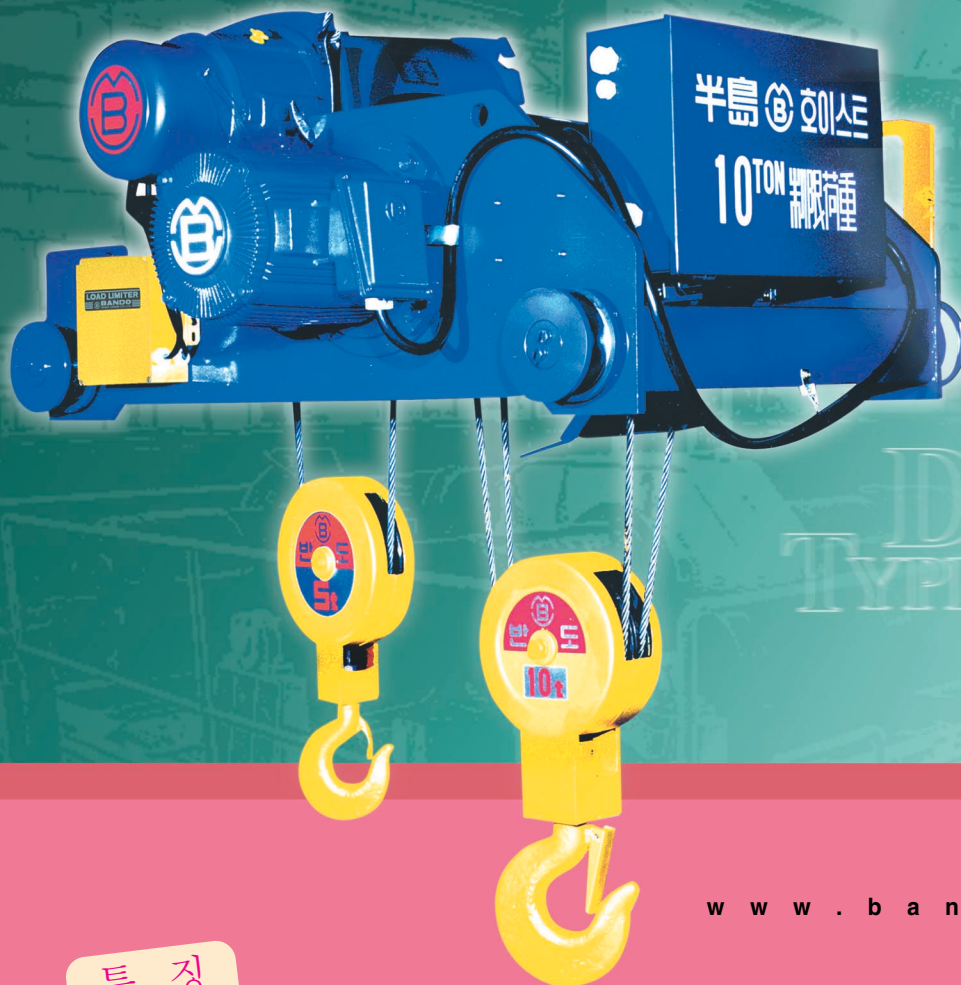
Capacity (ton)			35	50	60	70	
Type			BD35-H12	BD50-H12	BD60-H12	BD70-H12	
Hoist	Max.lift (m)		12	12	12	12	
	Hoisting speed (m/min) 50/60Hz		4/4.8	2.7/3.2	2/2.4	2/2.4	
	Hoisting Motor (kW×P)		33×6	33×6	33×6	33×6	
	Wire rope	Construction	6×Fi(25)	6×Fi(25)	6×Fi(25)	6×Fi(25)	
		Dia.(min)× no. of ropes	28×4	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)		50Hz	4/0.4	2.7/0.27	2/0.2	2/0.2	
	High/creep speed (m/min)		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)Xno. 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	



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특징

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.

SAME TROLLEY OF MAIN & AUX. HOIST

It is available to apply various type as per load capacity.

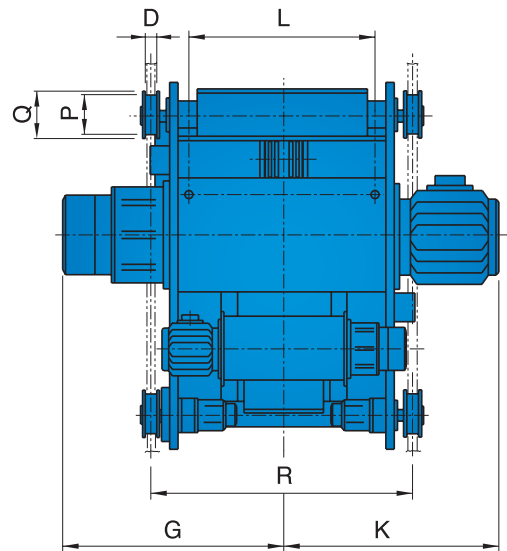
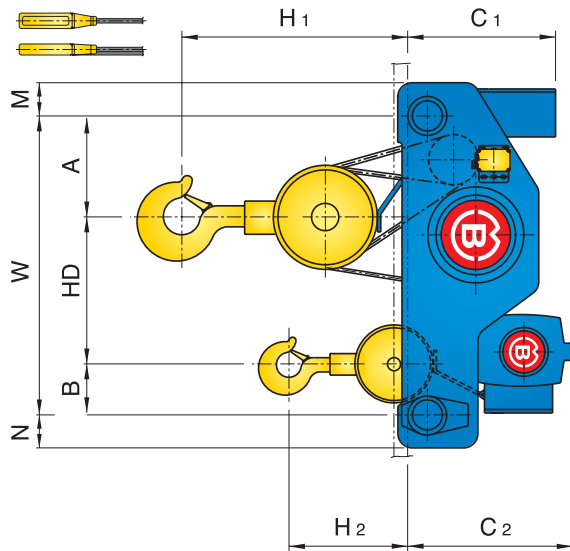
ENCHANCING JOB EFFICIENCY

It is possible to enhance job efficiency operating individually or simultaneously Main hoist & Aux. hoist as per job condition.

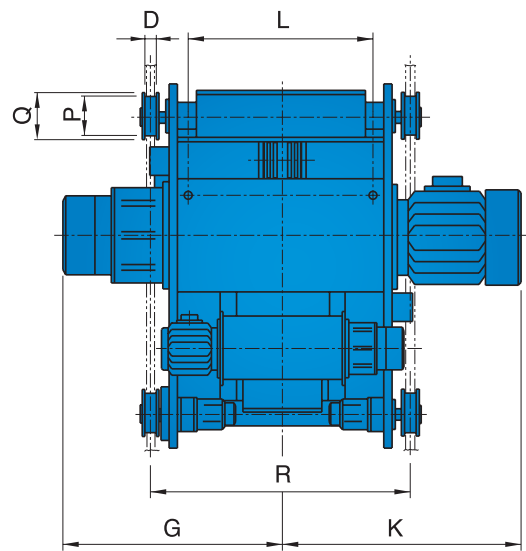
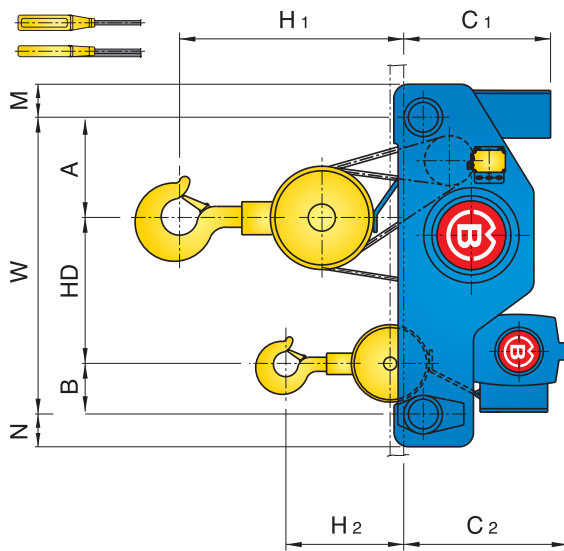
MINIMIZING LOSS OF ELECTRIC POWER

It is economic to operate the proper hoist only subject to handling cargo.

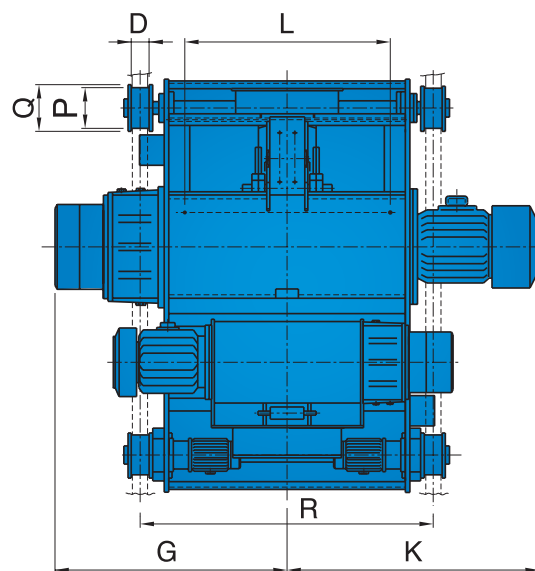
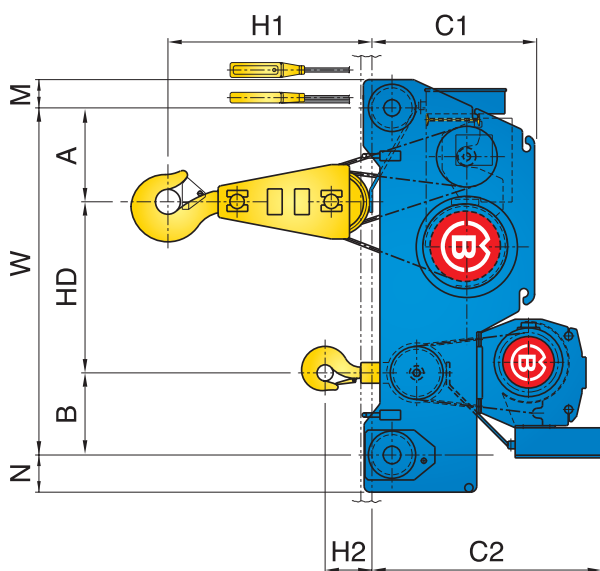
DOUBLE-RAIL TYPE MAIN & AUX HOIST



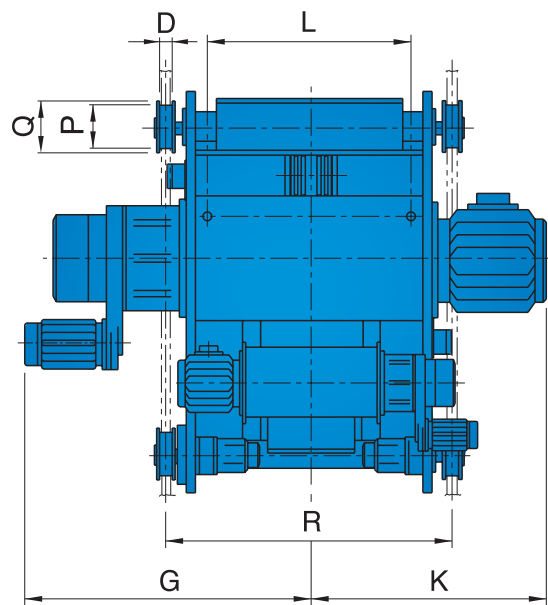
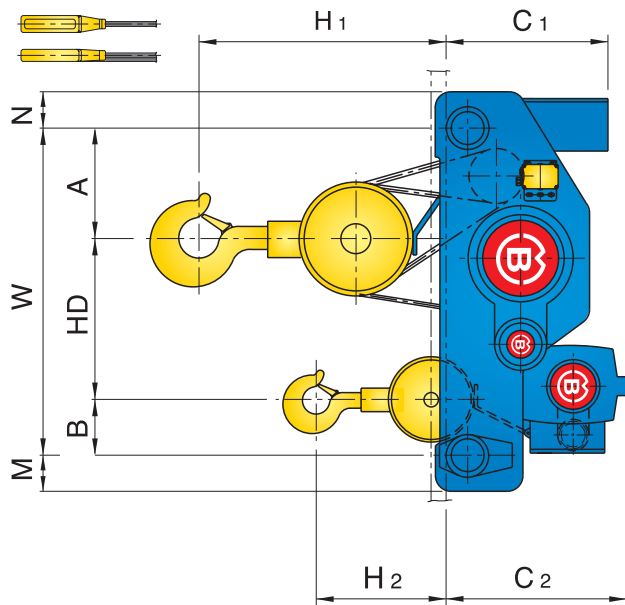
Capacity (ton)			5/3		7.5/3		10/5		15/5	
Type	High speed traversing		BD5/3-H12-MH		BD7.5/3-H12-MH		BD10/5-H12-MH		BD15/5-H12-MH	
	Low speed traversing		BD5/3-H12-ML		BD7.5/3-H12-ML		BD10/5-H12-ML		BD15/5-H12-ML	
Hoist	Max. Lift (m)		12		12		12		12	
	Hoisting speed (m/min)	High speed 50/60(Hz)	4.7/5.6	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	



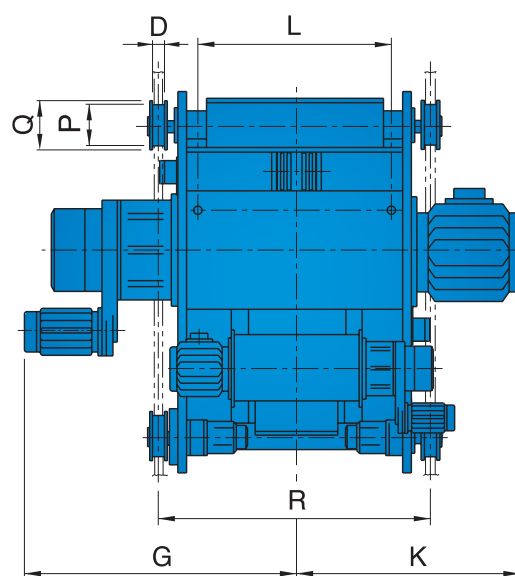
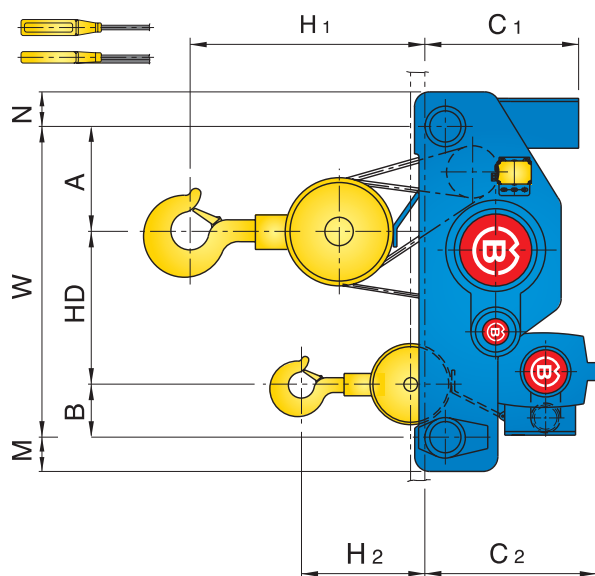
Capacity (ton)			20/5		20/10		30/10		30/15	
Type	High speed traversing		BD20/5-H12-MH		BD20/10-H12-MH		BD30/10-H12-MH		BD30/15-H12-MH	
	Low speed traversing		BD20/5-H12-ML		BD20/10-H12-ML		BD30/10-H12-ML		BD30/15-H12-ML	
Hoist	Max. Lift (m)		12		12		12		12	
	Hoisting speed (m/min)	High speed 50/60(Hz)	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	



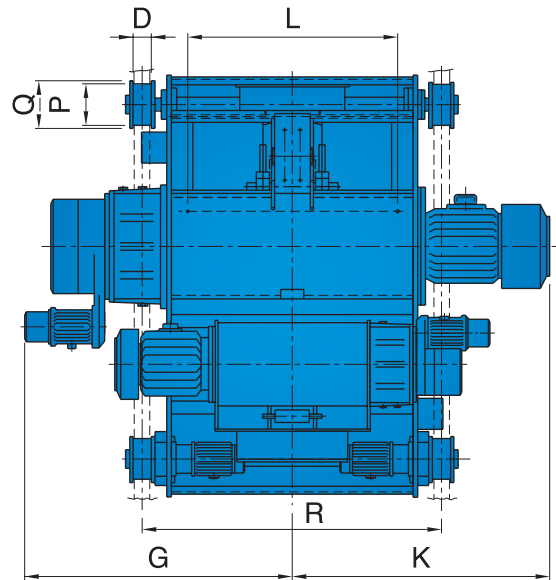
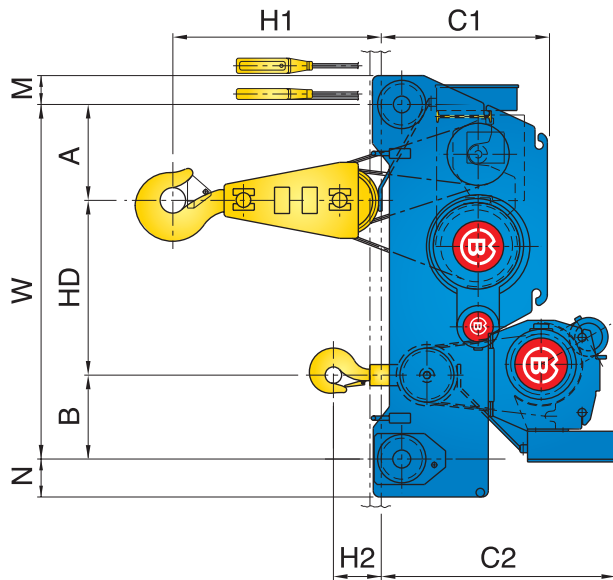
Capacity (ton)			35/10		50/10		60/20		70/20		
Type	High speed traversing		BD35/10-H12-MH		BD50/10-H12-MH		BD60/20-H12-MH		BD70/20-H12-MH		
	Low speed traversing		BD35/10-H12-ML		BD50/10-H12-ML		BD60/20-H12-ML		BD70/20-H12-ML		
Hoist	Max. Lift (m)		12		12		12		12		
	Hoisting speed (m/min)	High speed 50/60(Hz)	4/4.8	3.7/4.5 2.5/3	2.7/3.2	3.7/4.5 2.5/3	2/2.4	3.5/4.2 2.5/2.8	2/2.4	3.5/4.2 2.5/2.8	
		Low speed 50/60(Hz)									
	Hoisting Motor (Kw × P)	High speed Low speed	33×6	9×8 6×12	33×6	9×8 6×12	33×6	17×8 11.5×12	33×6	17×8 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	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
		Low speed								
	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	



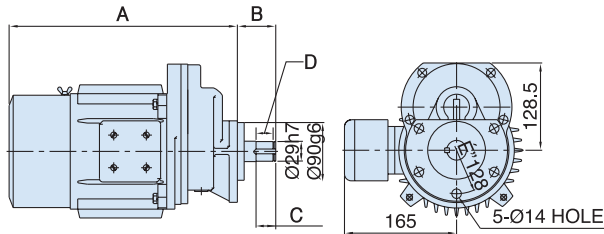
Capacity (ton)			20/5		20/10		30/10		30/15		
Type	High speed traversing		CBD20/5-H12-MH		CBD20/10-H12-MH		CBD30/10-H12-MH		CBD30/15-H12-MH		
	Low speed traversing		CBD20/5-H12-ML		CBD20/10-H12-ML		CBD30/10-H12-ML		CBD30/15-H12-ML		
Hoist	Max. Lift (m)		12		12		12		12		
	Hoisting speed (m/min)	50 Hz	3.5/0.35	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		

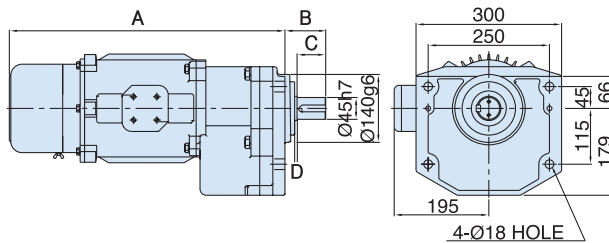
Geared Motor

오투기 TYPE



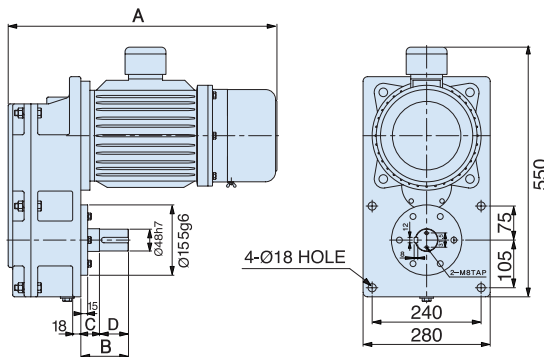
CAP	0.5KW×6P	1KW×6P
DIMENSIONS	0.75KW×4P	1.5KW×4P
A	336	371
B	56.5	77.5
C	29	34
D	25	30
REDUCE RATIO	1/8.4, 1/12.12, 1/16.36	

ET TYPE



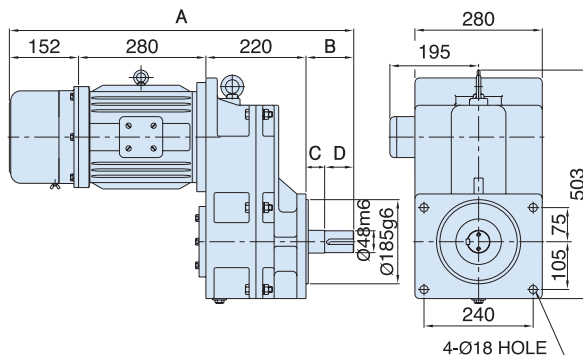
CAP	1.5KW×6P, 2.2KW×4P
DIMENSIONS	
A	565
B	84
C	59
D	5
REDUCE RATIO	1/20.26

넙죽이 A TYPE



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

넙죽이 B TYPE

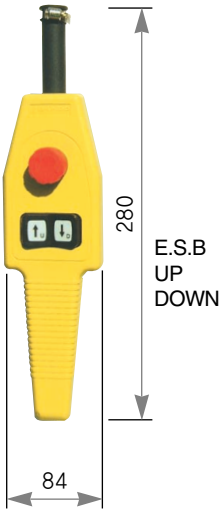
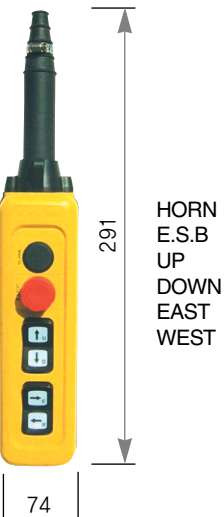
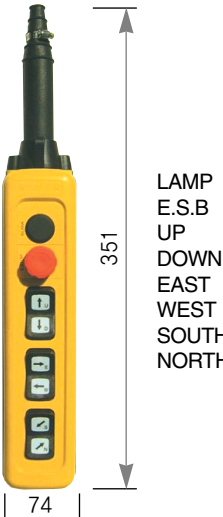
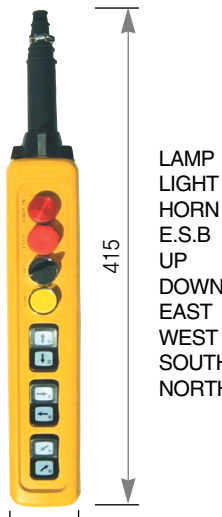


CAP	2.2KW×6P, 3.7KW×4P
DIMENSIONS	5.5KW×4P
A	757
B	105
C	41
D	64
REDUCE RATIO	1/22

- 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

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 interchangeability of assembly between single speed SWITCH and double speed SWITCH.

Load Limiter (Digital Type)



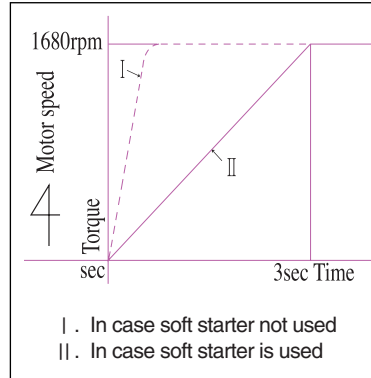
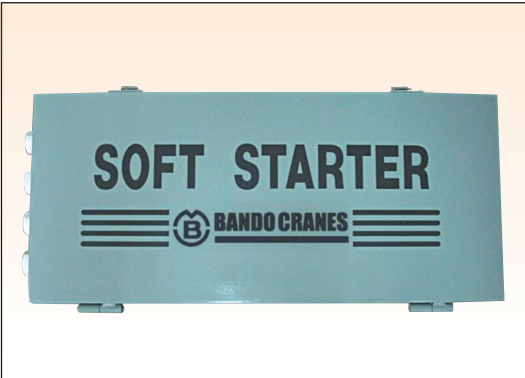
CHAIN HOIST용
TYPE : BCDL-80
CAPACITY : 10ton이하
적용MOTOR
CHAIN HOIST 전기종
조작전압 : 110V~220V
(Free)

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 탑재하여 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



Motor Model	Capacity(kw)		Power Source
	1Motor	2Motor	
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	

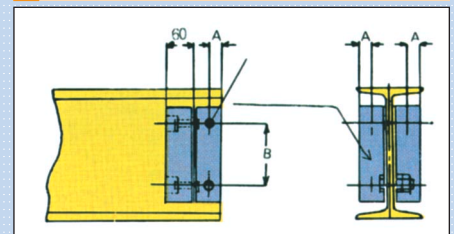
- 특징 : 1) BANDO SOFT STARTER는 CRANE 및 대차등의 시동시에 발생하는 충격을 없애고 SMOOTH한 출발로 기계의 수명을 연장합니다.
2) SOFT STARTER는 THYRISTER를 이용한 완시동 장치로 단상제어 방식과 3상제어방식이 있습니다.
3) BANDO NEW TYPE SOFT STARTER는 산업안전 보건법에서 규정하고 있는 MAIN MCCB 및 MAIN MAG, CONTACTOR 등을 내장하여 별도의 MAIN INCOMING SWITCH BOX가 필요 없습니다.

- 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



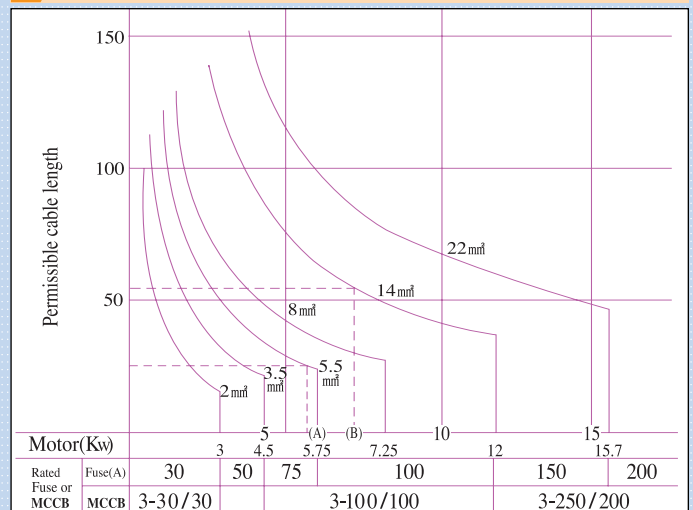
I-beam (mm)	150 x 75	200 x 100	250 x 125	300 x 150	300 x 150	400 x 150	450 x 175
Angle beam (mm)	50×50×6			65×65×6			
A (mm)	22			30			
B (mm)	75	105	110	140	190	230	280
d (mm)	M 11	M 16	M 16	M 20	M 20	M 20	M 20

Max.permissible span for transverser 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 length for Cabtyre cable



(Cabtyre cable 사용길이 및 Fuse 용량)



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