

WIRE ROPE HOIST

"Self-Rendering of All Parts"

Korea Crane Engineering remains true to its principles Product information / Technical data





"From the very first contact to one part, our team has the complete range of services tailored for you"

Korea Crane Engineering is best known for its ability to custom build products to meet the specific needs of each application. We are made up of veterans with years of experience in this field, hoist and crane. We are constantly updated with the latest market products, solutions and technologies, enabling us to provide solutions to suit all varieties of industrial lifting and handling systems. Based upon your lifting requirement and budget, we can offer either economical packaged equipment or custom engineered overhead lifting equipment. We are experts in applying the correct engineered equipment for your company's specific application. Through analyzing customer's request, we are trying to do our best to provide the best result. It has the expertise to address customers' lifting needs by providing solutions adapted to their particular situation.

Our sales and technical team will always provide quotation and information on the most appropriate and technically correct solution from our products to suit your purpose.

Korea Crane Engineering promises to provide the best service and product with customers.

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ELECTRIC WIRE HOIST

Specification

	Hoist		Mono-Rail Type		Double l	Rail Type
Spec	cification	Foot Mounted Type	Motor Driven Type	Low Head Type (Motor Driven)	Motor Driven Type	Low Head Type (Motor Driven)
Accessories and indication	Push-button, switch and button indication	4-Point(emergency -lamp-up-down)	8-Po	6-Point(emergency-lam int(emergency-lamp-up-c	• •	north)
Acces and ind	Hoist body traverser		erser are separaterly fur on bolts belongs to the t		_	and traverser egrated
	Power supply	1 ~ 70	t : AC Three phases powe	er source 220/380/4	15/440/460/480 x 50/60H	Z x 3ph
ion	Ambient temperature			-10° C~40° C		
Specification	Construction			Weather and dust proof		
Spe	Utilization factor	%ED =	ne(min) in one hour with n 60(min)	naximum work rate	x 100	
	Coating color		Munsell No. for the h	oist body : 10B3/5, for the	hook : 8.1YR 7.6/15.2	

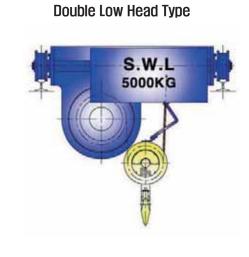
Explanation of the type designation

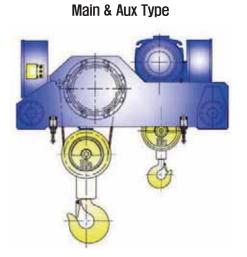
]-[]-H []-[]	Туре	Foot Mounted Type Mono-Rail Type Low Head Type Double Rail Type Double Low Head Type Main & aux Type EX-PROOF	NF N NL D DL
				Rated Load	Mono-Rail Type Low Head Type Double Rail Type Double Low Head Type	1, 2, 3, 5, 7.5, 10, 15, 20 1, 2, 3, 5, 7.5 2, 3, 5, 7.5, 10, 15, 20, 30, 35, 40, 50, 60, 70 2, 3, 5, 7.5, 10, 15, 20
				Hoisting Speed	Normal Speed (Single Speed) Creep Speed (Dual Speed)	N C
				Lift	Mono-Rail Type Low Head Type Double Rail Type Double Low Head Type	6, 9, 12, 18, 24, 30 6, 9, 12 12, 18, 24, 30 6, 9, 12, 18, 24
				Inverter	H/T Inverter T/S Inverter H/T, T/S Inverter	IC-H IC-T IC

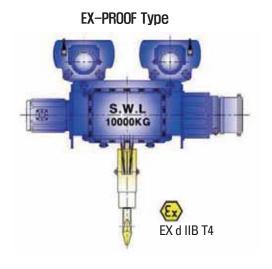
Type of Wire Rope Hoist

Foot Mounted Type Low Head Type Mono-Rail Type S.W.L 5000KG S.W.L 5000KG

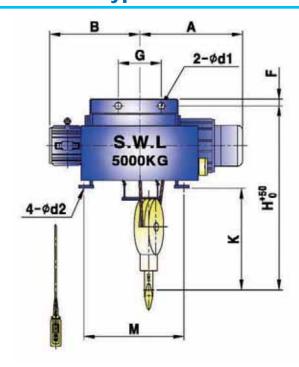
Double Rail Type







Foot Mounted Type Hoist

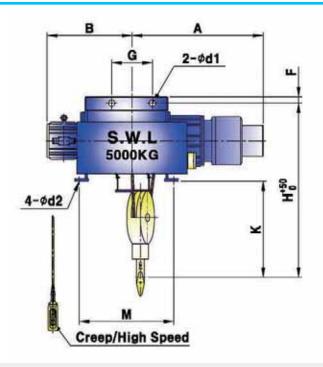


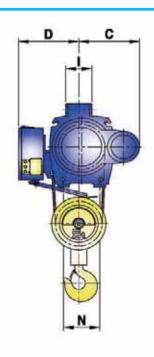


	Capacity	(ton)	1	2	3	5	7.5	10	15	20
Model No).		NF01-N-H06	NF02-N-H06	NF03-N-H06	NF05-N-H06	NF075-N-H12	NF10-N-H12	NF15-N-H12	NF20-N-H12
	Lift Height (m)	6 (12)	6 (12)	6 (12)	6 (12)	12	12	12	12
	Speed	High 50/60 (Hz)	10/12	8.4/10	7.5/9	4.7/5.6	3.1/3.8	3.7/4.5	3.7/4.5	3.5/4.2
	(m/min)	Low 50/60 (Hz)	5/6	4.2/5	3.7/4.5	3.5/4.2	2.3/2.8	2.5/3	2.5/3	2.3/2.8
	Motor	High	2.4x4	3.7x4	5.5x4	5.5x6	5.5x6	9x8	13x8	17x8
Hoisting	(kWxP)	Low	1.2x8	1.8x8	2.8x8	4.2x8	4.2x8	6x12	8.5x12	11.5x12
	Wire Rope	Construction	6x37	6x37	6x37	6x37	6x37	6x37	6x37	6x37
	(ØxFalls)	Dia.(mm) x No. of ropes	8x2	10x2	12.5x2	16x2	14x4	16x4	20x4	22.4x4
	Brake					DC Magnet	Disc Brake			
		Н	750	920	1060	1245	1270	1330	1660	1900
		A	405 (505)	465 (565)	520 (620)	605 (705)	925	975	1075	1165
		В	380 (480)	410 (510)	440 (540)	500 (585)	835	955	1005	1220
		C	170	205	210	250	300	330	370	400
		D	275	310	365	415	480	510	620	640
		F	28	34	30	45	50	50	65	65
Dimension (approx.)		G	160	200	200	280	800	800	800	850
tuppioni		1	112	150	150	180	232	232	272	272
		K	360	470	560	690	720	740	965	1150
		М	350 (550)	350 (550)	364 (564)	450 (650)	1100	1100	1150	1250
		N	150	200	200	250	400	400	500	500
		d1	26	33	33	47	47	47	63	63
		d2	17	17	17	17	25	25	25	25
Weight (approx.) (kg)		160 (170)	204 (240)	300 (350)	460 (525)	700	1000	1500	1900

Note: 1) Figures in parentheses ars for Hoists of 12-meter lift spacers. 2) Please make a contact about hoist with over 12m lift length.

Foot Mounted Type Hoist (Creep)

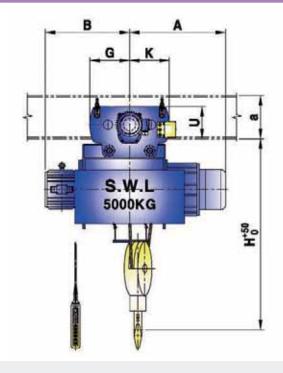


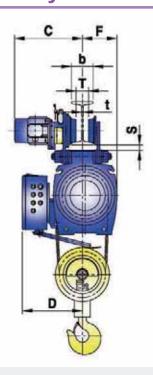


	Capacity	(ton)	1	2	3	5	7.5	10	15	20
Model No	0.		NF01-C-H06	NF02-C-H06	NF03-C-H06	NF05-C-H06	NF075-C-H12	NF10-C-H12	NF15-C-H12	NF20-C-H12
	Lift Height (m)	6 (12)	6 (12)	6 (12)	6 (12)	12	12	12	12
	Speed	50 (Hz)	10/1	8.4/0.84	7.5/0.75	4.7/0.47	3.1/0.31	3.7/0.37	3.7/0.37	3.5/0.35
	(m/min)	60 (Hz)	12/1.2	10/1	9/0.9	5.6/0.56	3.8/0.38	4.5/0.45	4.5/0.45	4.2/0.42
Hoisting	Motor (kWx	P)	2.4/0.4x4	3.7/0.4x4	5.5/1.1x4	5.5/1x6	5.5/1x6	9/1.1x8	13/1.8x8	17/1.8x8
	Wire Rope	Construction	6x37	6x37	6x37	6x37	6x37	6x37	6x37	6x37
	(ØxFalls)	Dia.(mm) x No. of ropes	8x2	10x2	12.5x2	16x2	14x4	16x4	20x4	22.4x4
	Brake					DC Magnet	Disc Brake			
			1	T	1	1		1	1	1
		Н	750	920	1060	1245	1270	1330	1660	1900
		A	580 (680)	620 (720)	740 (840)	840 (940)	1170	1230	1365	1460
		В	380 (480)	410 (510)	440 (540)	500 (585)	835	955	1005	1220
		C	330	370	375	430	465	525	575	621
		D	275	310	365	415	480	510	620	640
D		F	28	34	30	45	50	50	65	65
Dimension (approx.)		G	160	200	200	280	800	800	800	850
(appi ux.)	(111111)	I	112	150	150	180	232	232	272	272
		K	360	470	560	690	720	740	965	1150
		М	350 (550)	350 (550)	364 (564)	450 (650)	1100	1100	1150	1250
		N	150	200	200	250	400	400	500	500
		d1	26	33	33	47	47	47	63	63
		d2	17	17	17	17	25	25	25	25
Weight (approx.) (kg)		195 (225)	246 (282)	330 (370)	518 (585)	760	1080	1680	1950

Note: 1) Figures in parentheses ars for Hoists of 12-meter lift spacers. 2) Please make a contact about hoist with over 12m lift length.

Mono-Rail Type Hoist with Motor Driven Trolley





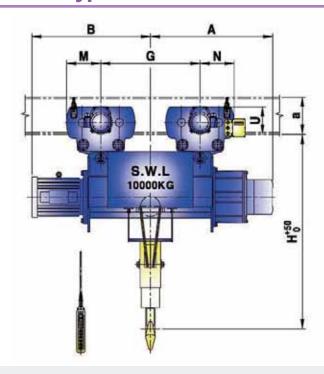
Model No.		on)			1					2					3					5		
MOUGI NO.				NO	1-N-H	06			NO	2-N-H	06			NO	3-N-H	06			NO:	5-N-H	06	
	Lift Height (ı	m)			6 (12)					6 (12)					6 (12)					6 (12)		
	Speed	High 50/60 (Hz)			10/12					8.4/10					7.5/9					1.7/5.6	i	
	(m/min)	Low 50/60 (Hz)			5/6					4.2/5				;	3.7/4.5	i			3	3.5/4.2	<u> </u>	
	Motor	High			2.4x4					3.7x4					5.5x4					5.5x6		
Hoisting	(kWxP)	Low			1.2x8					1.8x8					2.8x8					4.2x8		
	Wire Rope	Construction			6x37					6x37					6x37					6x37		
	(ØxFalls)	Dia.(mm) x No. of ropes			8x2					10x2					12.5x2)				16x2		
	Brake										DC M	agnet	Disc E	Brake								
	Speed	High 50/60 (Hz)			20/24					20/24					20/24					20/24		
Tuestereine	(m/min)	Low 50/60 (Hz)			13/16					13/16					13/16					13/16		
Traversing	Motor	High			0.4x4					0.75x4					0.75x4				().75x4		
	(kWxP)	Low			0.2x6					0.5x6					0.5x6					0.5x6		
		Н			815					980					1115					1325		
		Α		4(05 (50	5)			4(65 (56	5)			5	20 (62	0)			60)5 (70	5)	
Dimension		В		38	80 (48	0)			4	10 (51	0)			44	40 (54	0)			50	00 (58	5)	
(approx.) (n	nm)	D			275					310					365					415		
		G			255					260					260					275		
		K			200					225					225					275		
		axbxt	C	F	S	T	U	C	F	S	T	U	C	F	S	T	U	С	F	S	T	U
l boom on	200x100x7			170	38	46	144	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	peam and spacing 250x125x7.5			170	30	71	153	445	205	24	71	182	445	210	23	71	182	455	250	39	61	222
(mm)	300x150x10			170	28	96	155	460	205	24	96	182	460	210	23	96	182	465	250	37	86	224
		450x175x13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	480	250	34	111	228
Min. Radius	of Curvature	(m)			1.5					1.8					1.8					2.3		
Weight (ap	prox.) (kg)			19	90 (21	8)			2	78 (31	4)			3	74 (41	8)			57	77 (64	2)	

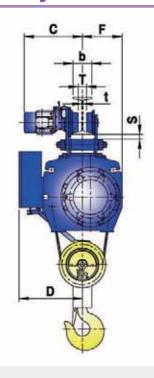
Note: 1) Figures in parentheses ars for Hoists of 12-meter lift spacers. 2) Please make a contact about hoist with over 12m lift length.

3) Dimensions of i-beam in sections are standard ones. Other I-beam size also can be used by changing spacers.



Mono-Rail Type Hoist with Motor Driven Trolley

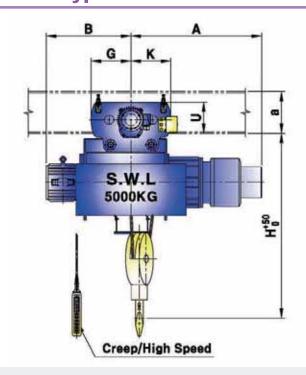


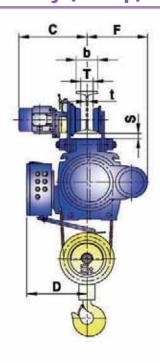


	Capacity (to	on)			7.5					10					15					20		
Model No.				NO7	/5-N-I	112			N1	0-N-H	12			N1	5-N-H	12			N21	0-N-H	12	
	Lift Height (m)			12					12					12					12		
	Speed	High 50/60 (Hz)		3	3.1/3.8	}				3.7/4.5	i			;	3.7/4.5	j			3	3.5/4.2	2	
	(m/min)	Low 50/60 (Hz)		2	2.3/2.8	}				2.5/3					2.5/3				2	2.3/2.8	}	
	Motor	High			5.5x6					9x8					13x8					17x8		
Hoisting	(kWxP)	Low			4.2x8					6x12					8.5x12	<u> </u>			1	1.5x1	2	
	Wire Rope	Construction			6x37					6x37					6x37					6x37		
	(ØxFalls)	Dia.(mm) x No. of ropes			14x4					16x4					20x4				2	22.4x4	ļ	
	Brake										DC M	agnet	Disc E	Brake								
	Speed	High 50/60 (Hz)		1	2.5/15	5			•	12.5/1	5			1	2.5/1	5			1	2.5/1	5	
Trovoroina	(m/min)	Low 50/60 (Hz)		-	8.3/10					8.3/10					8.3/10				1	8.3/10		
Haversing	wersing Motor High				ix4 (2ι	ınit)			0.75	5x4 (2ı	ınit)			1.5	x4 (2u	nit)			1.5	x4 (2u	nit)	
	Motor High (kWxP) Low				x6 (2u	nit)			0.5	x6 (2u	nit)			1x	6 (2ur	it)			1x	6 (2ur	it)	
		Н			1460					1520					1875					2115		
		A			925					975					1075					1165		
Dimension		В			835					955					1005					1220		
Dimension (approx.) (m	ml	D			480					510					620					640		
tappion, till	,	G			800					800					800					850		
		M			276					276					300					300		
		N			276					276					300					300		
	axbxt			F	S	T	U	C	F	S	T	U	C	F	S	T	U	C	F	S	T	U
I-beam and	beam and spacing 300x150x10			300	35	68	224	485	330	35	68	224	-	-	-	-	_	-	-	-	-	-
(mm)	m) 450x175x13			300	30	93	228	490	330	30	93	228	580	370	32	77	248	580	400	32	77	248
		600x190x13	520	300	25	118	232	495	330	25	118	232	590	370	32	92	248	590	400	32	92	248
Min. Radius	of Curvature	(m)									For	straigl	nt rail	only								
Weight (app	rox.) (kg)				910					1210					2030					2430		

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

Mono-Rail Type Hoist with Motor Driven Trolley (Creep)



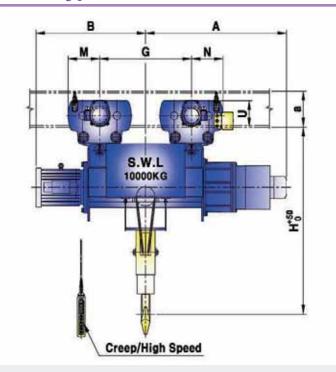


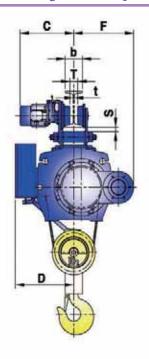
	Capaci	ty (ton)			1			:	2			;	3			!	5	
Model No.				NO1-0	C-H06			N02-	C-H06			N03-0	C-H06			N05-	C-H06	
	Lift Height (m)		6 (12)			6 (12)			6 (12)			6 (12)	
	Speed	50 (Hz)		10)/1			8.4/	0.84			7.5/	0.75			4.7/	0.47	
	(m/min)	60 (Hz)		12	/1.2			10	/1			9/	0.9			5.6/	0.56	
Hoisting	Motor (kWx	P)		2.4/0).4x4			3.7/).4x4			5.5/	1.1x4			5.5	/1x6	
	Wire Rope	Construction		6x	37			6х	37			6x	37			6x	37	
	(ØxFalls)	Dia.(mm) x No. of ropes		8:	K 2			10	x2			12.	5x2			16	Sx2	
	Brake								DC I	Magnet	Disc B	rake						
	Speed	High 50/60 (Hz)		20.	/24			20	/24			20	/24			20	/24	
Traversing	(m/min)	Low 50/60 (Hz)		13	/16			13	/16			13	/16			13	/16	
Havership	Motor	High		0.4	lx4			0.7	5x4			0.7	5x4			0.7	5x4	
	(kWxP) Low			0.2	2x6			9.0	ix6			9.0	5x6			3.0	5x6	
	KWXPJ LOW																	
		Н		8	15			9	30			11	15			13	25	
		A		580	(680)			620	(720)			740	(840)			840	(940)	
Dimension		В		380	(580)			410	(510)			440	(540)			500	(585)	
(approx.) (m	mì	D		2	75			3	10			3	65			4	15	
tuppiox., till	,	F		30	30			3	70			3	75			4	30	
		G		2	55			2	60			2	60			2	75	
		K		21	00			2:	25			2:	25			2	75	
		axbxt	C	S	T	U	C	S	T	U	C	S	T	U	C	S	T	U
I been and	ongoing	200x100x7	395	38	46	144	-	-	-	_	-	-	-	_	-	-	-	_
I-beam and (mm)	Spacing	250x125x7.5	395	30	71	153	445	26	71	182	445	25	71	182	455	37	61	222
(11111)	300x150x10			28	96	156	460	24	96	182	460	23	96	182	465	32	86	224
		450x175x13	_	-	-	-	_	-	-	_	-	-	_	_	480	32	111	228
Min. Radius	of Curvature	(m)		1	.5			1	.8			1	.8			2	.3	
Weight (app	rox.) (kg)			225	(245)			320	(355)			415	(460)			635	(700)	

Note: 1) Figures in parentheses ars for Hoists of 12-meter lift spacers. 2) Please make a contact about hoist with over 12m lift length.

³⁾ Dimensions of i-beam in sections are standard ones. Other I-beam size also can be used by changing spacers.

Mono-Rail Type Hoist with Motor Driven Trolley (Creep)

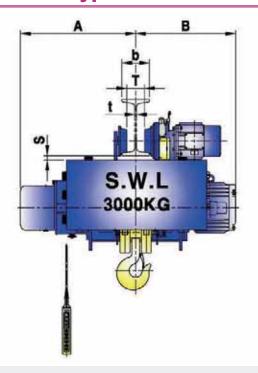


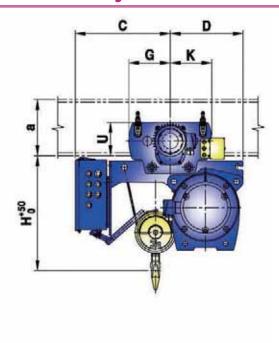


	Capaci	ty (ton)		7	.5			1	0			1	5			2	0	
Model No.				N075-	C-H12			N10-	C-H12			N15-	C-H12			N20-	C-H12	
	Lift Height (m)		1	2			1	2			1	2			1	2	
	Speed	50 (Hz)		3.1/	0.31			3.7/	0.37			3.7/	0.37			3.5/	0.35	
	(m/min)	60 (Hz)		3.8/	0.38			4.5/	0.45			4.5/	0.45			4.2/	0.42	
Hoisting	Motor (kWx	(P)		5.5/	1x6			9/1	.1x8			13/1	8x8.			17/1	.8x8.	
	Wire Rope	Construction		6x	37			6)	37			6)	37			6x	37	
	(ØxFalls)	Dia.(mm) x No. of ropes		14	x4			16	6x4			20)x4			22.	4x4	
	Brake								DC	Magnet	Disc B	rake						
	Speed	High 50/60 (Hz)		12.5	5/15			12.	5/15			12.	5/15			12.	5/15	
Traversing	(m/min)	Low 50/60 (Hz)		8.3	/10			8.3	/10			8.3	/10			8.3	/10	
Haversing	Motor High			0.75x4	(2unit)			0.75x4	(2unit)			1.5x4	(2unit)			1.5x4	(2unit)	
	[kWxP] Low			0.5x6	(2unit)			0.5x6	(2unit)			1x6 (2unit)			1x6 (2unit)	
	KWXPJ LOW																	
		Н		14	60			15	65			18	75			21	15	
		A		11	70			12	230			13	165			14	60	
		В		8	35			9	55			10	105			12	20	
Dimension		D		48	80			5	10			6	20			6	10	
(approx.) (m	ım)	F		40	65			5	25			5	75			6	21	
		G		8	00			8	00			8	00			8	50	
		M		2	76			2	76			3	00			3	00	
		N		2	76			2	76			3	00			3	00	
	axbxt		C	S	T	U	C	S	T	U	C	S	T	U	C	S	T	U
I-beam and	beam and spacing 300x150x10			35	68	224	475	35	68	224	-	-	-	_	_	-	-	_
(mm)				30	93	228	490	30	93	228	580	32	77	248	580	32	77	248
		600x190x13	520	32	118	227	495	32	118	227	587	37	92	243	587	37	92	243
Min. Radius	of Curvature	(m)							Fo	r straig	ht rail c	nly						
Weight (app	orox.) (kg)			9	70			12	280			21	80			25	20	

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

Low Head Type Hoist with Motor Driven Trolley

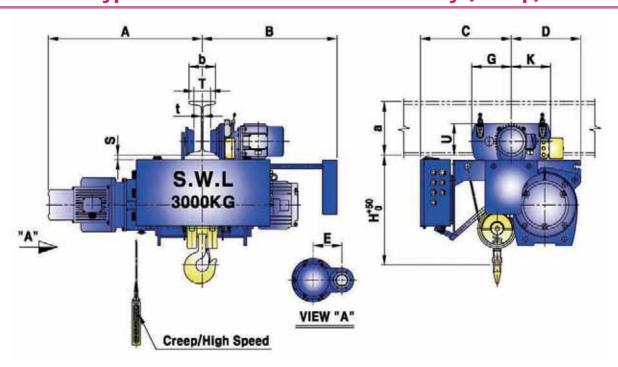




	Capacity (t	on)		1			2			3			5			7.5	
Model No.			NI	.01-N-HI	06	NL	.02-N-HI	06	NI	.03-N-H	06	NL	.05-N-HI)6	NL	075-N-H	12
	Lift Height (m)		6			6			6			6			12	
	Speed	High 50/60 (Hz)		10/12			8.4/10			7.5/9			4.7/5.6			3.1/3.8	
	(m/min)	Low 50/60 (Hz)		5/6			4.2/5			3.7/4.5			3.5/4.2			2.3/2.8	
	Motor	High		2.4x4			3.7x4			5.5x4			5.5x6			5.5x6	
Hoisting	(kWxP)	Low		1.2x8			1.8x8			2.8x8			4.2x8			4.2x8	
	Wire Rope	Construction		6x19			6x37			6x37			6x37			6x37	
	(ØxFalls)	Dia.(mm) x No. of ropes		6x4			8x4			9x4			11.2x4			14x4	
	Brake								DC Mag	net Disc	Brake						
	Speed	High 50/60 (Hz)		20/24			20/24			20/24			20/24			12.5/15	
Traversing	(m/min)	Low 50/60 (Hz)		13/16			13/16			13/16			13/16			8.3/10	
II aversing	Motor High			0.4x4			0.75x4			0.75x4			0.75x4			0.75x4	
	(kWxP) Low			0.2x6			0.5x6			0.5x6			0.5x6			0.5x6	
		Н		550			620			620			800			1000	
		Α		505			590			620			705			790	
Dimension		В		480			510			540			585			705	
(approx.) (m	ml	C		405			435			510			585			730	
(appi ox.) (iii	1111)	D		290			385			395			465			560	
		G		255			260			260			275			300	
		K		200			225			225			275			300	
		axbxt	S	T	U	S	T	U	S	T	U	S	T	U	S	T	U
I-beam and	l engeina	200x100x7	38	46	144	-	-	-	-	-	-	-	-	-	-	-	_
(mm)	spacing	250x125x7.5	30	71	153	22	71	182	23	71	182	-	-	-	-	-	-
(IIIIII)	300x150x10			71	155	22	96	182	23	96	182	26	86	224	30	52	246
		450x175x13	-	-	-	-	-	-	-	-	-	23	111	228	32	77	248
Min. Radius	of Curvature	(m)		1.5			1.8			1.8			2.3			_	
Weight (app	orox.) (kg)			200			350			440			730			1300	

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

Low Head Type Hoist with Motor Driven Trolley (Creep)

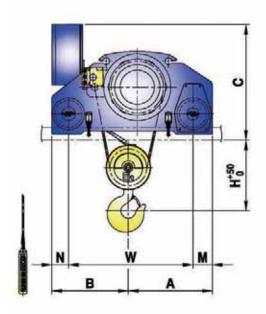


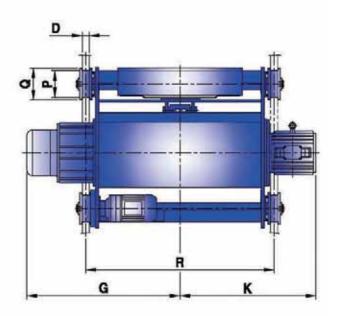
	Capacity (t	on)		1			2			3			5			7.5	
Model No.			NI	.01-C-HI) 6	NL	.02-C-H	06	NL	.03-C-H	06	NL	.05-C-H	06	NL	075-C-H	112
	Lift Height I	(m)		6			6			6			6			12	
	Speed	50 (Hz)		10/1			8.4/0.84			7.5/0.75			4.7/0.47	'		3.1/0.31	
	(m/min)	60 (Hz)		12/1.2			10/1			9/0.9			5.6/0.56	i		3.8/0.38	
Hoisting	Motor (kWx	(P)		2.4/0.4x4	ļ		3.7/0.4x4	ļ.		5.5/1.1x ⁴	ļ		5.5/1x6			5.5/1x6	
1101011119	Wire Rope	Construction		6x19			6x37			6x37			6x37			6x37	
	(ØxFalls)	Dia.(mm) x No. of ropes		6x4			8x4			9x4			11.2x4			14x4	
	Brake								DC Mag	net Disc	Brake						
	Speed	High 50/60 (Hz)		20/24			20/24			20/24			20/24			12.5/15	
Traversing	(m/min)	Low 50/60 (Hz)		13/16			13/16			13/16			13/16			8.3/10	
11 aver Silly	Motor	High		0.4x4			0.75x4			0.75x4			0.75x4			0.75x4	
	(kWxP) Low			0.2x6			0.5x6			0.5x6			0.5x6			0.5x6	
		Н		550			620			620			800			1100	
		Α		680			740			840			940			1080	
		В		510			765			765			820			820	
Dimension		C		450			450			510			585			715	
(approx.) (m	m)	D		290			385			565			635			620	
		G		225			260			260			275			350	
		K		200			225			225			275			350	
		E		330			375			375			425			425	
		axbxt	S 38	T	U	S	T	U	S	T	U	S	T	U	S	T	U
I_heam and	beam and spacing 200x100x7			46	144	-	-	-	-	-	-	-	-	-	-	-	-
(mm)	m) 250X125X7.5			71	153	22	71	182	23	71	182	-	-	-	-	-	-
UIIII)	300x150x10			96	155	22	96	182	23	96	182	26	86	224	30	52	246
		450x175x13	-	-	-	-	-	-	-	-	-	23	111	228	32	77	248
Min. Radius	of Curvature	(m)		1.5			1.8			1.8			2.3			-	
Weight (app	rox.) (kg)			275			440			530			730			1300	

 $\textbf{Note}: \textbf{1)} \ \textbf{Please} \ \textbf{make} \ \textbf{a} \ \textbf{contact} \ \textbf{about} \ \textbf{hoist} \ \textbf{with} \ \textbf{over} \ \textbf{12m} \ \textbf{lift} \ \textbf{length}.$

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

Double Rail Type Hoist with Motor Driven Trolley

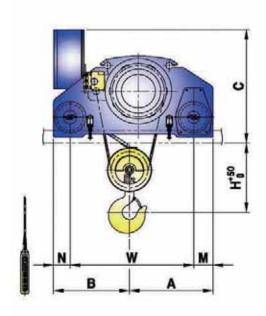


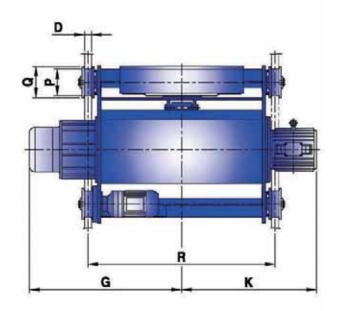


	Capacity (t	on)	2	3	5	7.5
Model No.			D02-N-H12	D03-N-H12	D05-N-H12	D075-N-H12
	Lift Height (m)	12	12	12	12
	Speed	High 50/60 (Hz)	8.4/10	7.5/9	4.7/5.6	3.1/3.8
	(m/min)	Low 50/60 (Hz)	4.2/5	3.7/4.5	3.5/4.2	2.3/2.8
	Motor	High	3.7x4	5.5x4	5.5x6	5.5x6
Hoisting	(kWxP)	Low	1.8x8	2.8x8	4.2x8	4.2x8
	Wire Rope	Construction	6x37	6x37	6x37	6x37
	(ØxFalls)	Dia.(mm) x No. of ropes	8x4	9x4	12.5x4	14x4
	Brake			DC Magnet	Disc Brake	
	I	==				
	Speed	High 50/60 (Hz)	20/24	20/24	20/24	12.5/15
Traversing	(m/min)	Low 50/60 (Hz)	13/16	13/16	13/16	8.3/10
Travoroning	Motor	High	0.75x4	0.75x4	0.75x4	0.75x4
	(kWxP)	Low	0.5x6	0.5x6	0.5x6	0.5x6
		l				
		Н	415	420	510	730
		R	950	950	1150	1150
		A	465	465	510	535
		В	390	390	470	480
		C	500	600	550	645
Dimension		G	740	785	935	925
Dimension (approx.) (m	ml	K	690	705	830	835
(upprox.) (iii	'''',	W	650	650	760	800
		D	47	47	58	58
		M	115	115	125	120
		N	90	90	110	95
		Р	140	140	165	165
		Q	170	170	190	195
Weight (app	rox.) (kg)		450	550	850	900
Rail (kg/m)			15	15	15	15



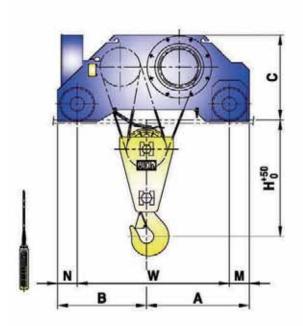
Double Rail Type Hoist with Motor Driven Trolley

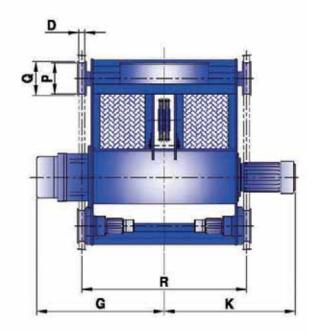




	Capacity (to	on)	10	15	20	30
Model No.			D10-N-H12	D15-N-H12	D20-N-H12	D30-N-H12
	Lift Height (m)	12	12	12	12
	Speed	High 50/60 (Hz)	3.7/4.5	3.7/4.5	3.5/4.2	2.3/2.8
	(m/min)	Low 50/60 (Hz)	2.5/3	2.5/3	2.3/2.8	1.5/1.8
Uninting	Motor	High	9x8	13x8	17x8	17x8
Hoisting	(kWxP)	Low	6x12	8.5x12	11.5x12	11.5x12
	Wire Rope	Construction	6x37	6x37	6x37	6x37
	(ØxFalls)	Dia.(mm) x No. of ropes	16x4	20x4	20x4 22.4x4	
	Brake			DC Magnet	Disc Brake	
	Speed	High 50/60 (Hz)	12.5/15	12.5/15	12.5/15	12.5/15
Traversing	(m/min)	Low 50/60 (Hz)	8.3/10	8.3/10	8.3/10	8.3/10
Havoroning	Motor	High	0.75x4	1.5x4	1.5x4	1.5x4 (2unit)
	(kWxP)	Low	0.5x6	1x6	1x6	1x6 (2unit)
		Н	775	995	1175	1480
		R	1150	1200	1300	1800
		Α	565	625	670	940
		В	510	555	610	940
		C	695	860	900	980
Dimension		G	975	1075	1165	1425
(approx.) (m	mì	K	955	1005	1220	1480
tuppi oxi, tili	,	W	865	920	1000	1540
		D	58	58	58	70
			120	130	140	180
		N	100	130	140	160
		Р	165	180	220	250
		Q	195	210	250	280
Weight (app	rox.) (kg)		1200	1820	2300	3450
Rail (kg/m)			15	22	22	30

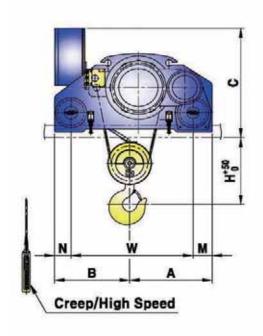
Double Rail Type Hoist with Motor Driven Trolley

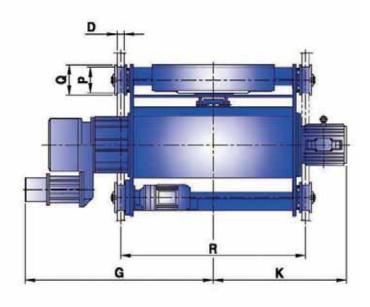




	Capacity (t	on)	35	40	50	60	70
Model No.			D35-N-H12	D40-N-H12	D50-N-H12	D60-N-H12	D70-N-H12
	Lift Height (m)	12	12	12	12	12
	Speed	50 (Hz)	4	3.5	2.7	2	2
	(m/min)	60 (Hz)	4.8	4.2	3.2	2.4	2.4
Hoisting	Motor (kWxP)		33x6	33x6	33x6	33x6	33x6
	Wire Rope	Construction	6xFi(25)	6xFi(25)	6xFi(25) 6xFi(25)		6xFi(25)
	(ØxFalls)	Dia.(mm) x No. of ropes	28x4	28x4	28x6	28x8	28x8
	Brake				DC Magnet Disc Brake		
	T	==					
	Speed	High 50/60 (Hz)	12.5/15	12.5/15	12.5/15	12.5/15	12.5/15
Traversing	(m/min)	Low 50/60 (Hz)	8.3/10	8.3/10	8.3/10	8.3/10	8.3/10
	Motor	High	2.2x4	2.2x4	2.2x4 (2unit)	2.2x4 (2unit)	3.7x4 (2unit)
	(kWxP)	Low	1.5x6	1.5x6	1.5x6 (2unit)	1.5x6 (2unit)	2.2x6 (2unit)
			4400	4.500	4000	4700	4700
		Н	1490	1490	1680	1780	1780
		R	1600	1600	2300	2800	2800
		Α	1025	1025	1432	1525	1525
		В	955	955	1243	1150	1150
		C	1013	1013	1220	1220	1220
Dimension		G	1455	1455	1780	2030	2030
Dimension (approx.) (m	mì	K	1360	1360	1715	1965	1965
tapp. on the	,	W	1550	1550	2115	2125	2125
		D	70	70	80	80	80
		M	215	215	275	275	300
		N	215	215	275	275	300
		Р	355	355	450	450	500
		Q	395	395	490	490	540
Weight (app	rox.) (kg)		5200	5200	7000	8500	9000
Rail (kg/m)			37	37	50	73	73

Double Rail Type Hoist with Motor Driven Trolley (Creep)

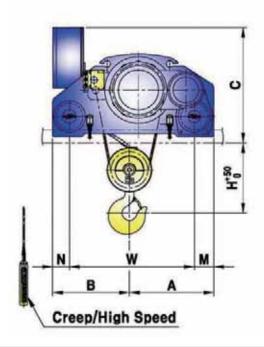


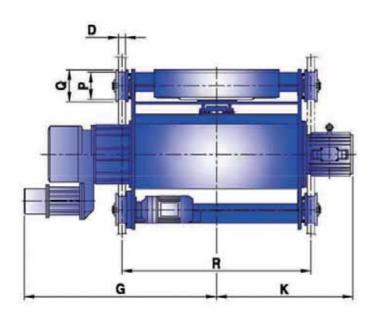


Capacity (ton)			2	3	5	7.5
Model No.			D02-C-H12	D03-C-H12	D05-C-H12	D075-C-H12
					1	
	Lift Height (12	12	12	12
	Speed	50(Hz)	8.4/0.84	7.5/0.75	4.7/0.47	3.1/0.31
	(m/min)	60 (Hz)	10/1	9/0.9	5.6/0.56	3.8/0.38
Hoisting	Motor (kWx	P)	3.7/0.4x4	5.5/1.1x4	5.5/1.1x6	5.5/1.1x6
	Wire Rope	Construction	6x37	6x37	6x37	6x37
	(ØxFalls)	Dia.(mm) x No. of ropes	8x4	9x4	12.5x4	14x4
	Brake			DC Magnet	Disc Brake	
	Speed	High 50/60 (Hz)	20/24	20/24	20/24	12.5/15
Traversing	(m/min) Low 50/60 (Hz)		13/16	13/16	13/16	8.3/10
	Motor	High	0.75x4	0.75x4	0.75x4	0.75x4
	(kWxP)	Low	0.5x6	0.5x6	0.5x6	0.5x6
		Н	415	950	510	730
		R	950	465	1150	1150
		A	465	390	510	525
		В	390	600	470	480
		C	500	860	550	550
		G	905	1020	1170	1170
Dimension approx.) (mr	nl	K	609	705	830	835
appi ux.j (iiii	IIJ	W	650	650	760	800
		D	47	47	58	58
		М	115	115	125	120
		N	90	90	110	95
		Р	140	140	165	165
		Q	170	170	195	195
Weight (app	rox.) (kg)		490	590	900	955
Rail (kg/m)			15	15	15	15

Note: 1) Please make a contact about hoist with over 12m lift length.

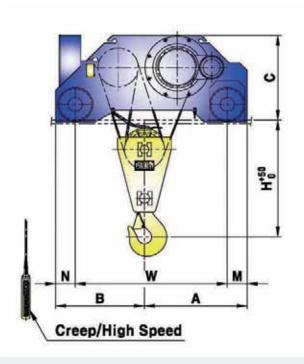
Double Rail Type Hoist with Motor Driven Trolley (Creep)

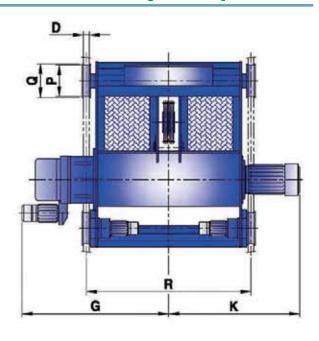




	Capacity (t	on)	10	15	20	30
Model No.			D10-C-H12	D15-C-H12	D20-C-H12	D30-C-H12
	Lift Height (m)	12	12	12	12
	Speed	50 (Hz)	3.7/0.37	3.7/0.37	3.5/0.35	2.3/0.23
	(m/min)	60 (Hz)	4.5/0.45	4.5/0.45	4.2/0.42	2.8/0.28
Hoisting	Motor (kWxP)		9/1.1x8	13/1.8x8	17/1.8x8	17/1.8x8
	Wire Rope	Construction	6x37	6x37	6x37	6x37
	(ØxFalls)	Dia.(mm) x No. of ropes	16x4	20x4	22.4x4	22.4x6
	Brake			DC Magnet	Disc Brake	
	1				I	I
Traversing	Speed	High 50/60 (Hz)	12.5/15	12.5/15	12.5/15	12.5/15
	(m/min)	Low 50/60 (Hz)	8.3/10	8.3/10	8.3/10	8.3/10
	Motor High		0.75x4	1.5x4	1.5x4	1.5x4 (2unit)
	(kWxP)	Low	0.5x6	1.0x6	1.0x6	1.0x6 (2unit)
			775	005	4475	4800
		H	775	995	1175	1480
		R	1150	1200	1300	1800
		A	565	625	670	940
		В	510	555	610	940
		С	695	860	900	980
Dimension		G	1230	1365	1460	1720
(approx.) (m	mì	K	955	1005	1220	1480
tappi oxi, tili	,	W	865	920	1000	1540
		D	58	58	58	70
		M	120	130	140	180
		N	100	130	140	180
		Р	165	180	220	250
		Q	195	210	250	280
Weight (app	rox.) (kg)		1265	1920	2385	3536
Rail (kg/m)			15	22	22	30

Double Rail Type Hoist with Motor Driven Trolley (Creep)

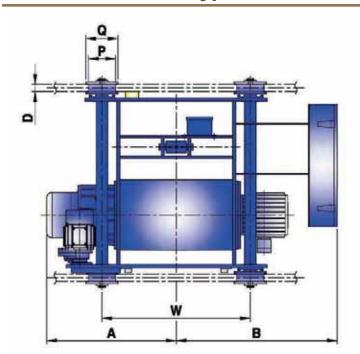


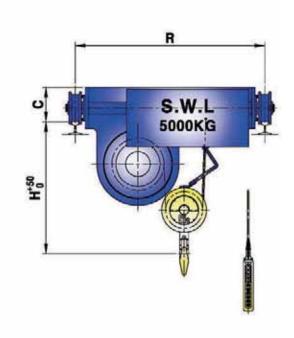


	Capaci	ty (ton)	35	40	50	60	70
Model No.			D35-C-H12	D40-C-H12	D50-C-H12	D60-C-H12	D70-C-H12
	Lift Height (m)	12	12	12	12	12
	Speed	50 (Hz)	4/0.4	3.5/0.35	2.7/0.27	2/0.2	2/0.2
	(m/min)	60 (Hz)	4.8/0.48	4.2/0.42	3.2/0.32	2.4/0.24	2.4/0.24
Hoisting	Motor (kWxP)		33/3.7x6/4	33/3.7x6/4	33/3.7x6/4	33/3.7x6/4	33/3.7x6/4
	Wire Rope	Construction	6xFi(25)	6xFi(25)	6xFi(25)	6xFi(25)	6xFi(25)
	(ØxFalls)	Dia.(mm) x No. of ropes	28x4	28x4 28x6		28x8	28x8
	Brake				DC Magnet Disc Brake		
	Speed	High 50/60 (Hz)	12.5/15	12.5/15	12.5/15	12.5/15	12.5/15
Traversing	(m/min)	Low 50/60 (Hz)	8.3/10	8.3/10	8.3/10	8.3/10	8.3/10
	Motor	High	2.2x4	2.2x4	2.2x4 (2unit)	2.2x4 (2unit)	3.7x4 (2unit)
	(kWxP)	Low	1.5x6	1.5x6	1.5x6 (2unit)	1.5x6 (2unit)	2.2x6 (2unit)
		Н	1490	1490	1680	1780	1780
		R	1600	1600	2300	2800	2800
		A	1025	1025	1432	1525	1525
		В	955	955	1243	1150	1150
		C	1013	1013	1220	1220	1220
Dimension		G	1735	1735	2060	2310	2310
Dimension (approx.) (m	mì	K	1360	1360	1715	1965	1965
tuppi ox., tili	,	W	1550	1550	2125	2125	2125
		D	70	70	80	80	80
		М	215	215	275	275	300
		N	215	215	275	275	300
		Р	355	355	450	450	500
		Q	355	355	490	490	540
Weight (app	rox.) (kg)		5400	5400	5400 7200		9200
Rail (kg/m)			37	37	50	73	73

Note: 1) Please make a contact about hoist with over 12m lift length.

Double Low Head Type Hoist with Motor Driven Trolley

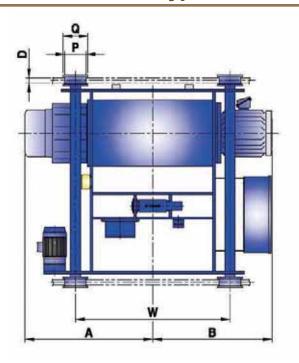


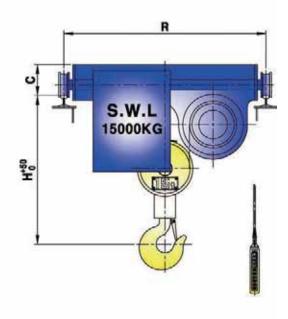


	Capacity (t	on)	2	3	5	7.5					
Model No.			DL02-N-H06	DLO3-N-HO6	DLO5-N-HO6	DL075-N-H12					
	Lift Height (m)	6	6	6	12					
	Speed	High 50/60 (Hz)	8.4/10	7.5/9	4.7/5.6	3.1/3.8					
	(m/min)	Low 50/60 (Hz)	4.2/5	3.7/4.5	3.5/4.2	2.3/2.8					
	Motor	High	3.7x4	5.5x4	5.5x6	5.5x6					
Hoisting	(kWxP)	Low	1.8x8	2.8x8	4.2x8	4.2x8					
	Wire Rope	Construction	6x37	6x37	6x37	6x37					
	(ØxFalls)	Dia.(mm) x No. of ropes	8x4	9x4	11.2x4	14x4					
	Brake		DC Magnet Disc Brake								
	Speed	High 50/60 (Hz)	20/24	20/24	20/24	12.5/15					
Traversing	(m/min)	Low 50/60 (Hz)	13/16	13/16	13/16	8.3/10					
IT a VET SITIS	Motor	High	0.75x4	0.75x4	0.75x4	0.75x4					
	(kWxP)	Low	0.5x6	0.5x6	0.5x6	0.5x6					
		Н	400	495	525	950					
		R	950	950	1150	1400					
		A	582	652	730	925					
		В	532	550	620	870					
Dimension (approx.) (m	ımî	C	200	170	200	200					
tappi on (iii	,	W	750	650	772	1250					
		D	47	47	58	58					
		Р	140	140	165	165					
		Q	170	170	195	195					
Weight (app	orox.) (kg)		410	500	800	850					
Rail (kg/m)			15	15	15	15					

 $\textbf{Note}: \textbf{1)} \ \textbf{Please} \ \textbf{make} \ \textbf{a} \ \textbf{contact} \ \textbf{about hoist} \ \textbf{with over} \ \textbf{12m lift length}.$

Double Low Head Type Hoist with Motor Driven Trolley

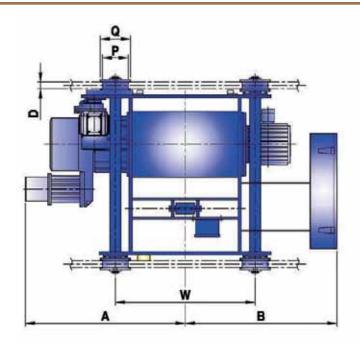


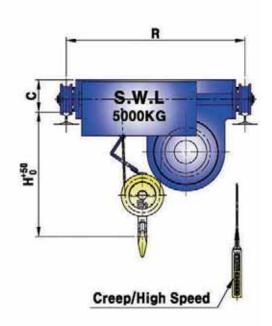


	Capacity (t	on)	10	15	20
Model No.			DL10-N-H12	DL15-N-H12	DL20-N-H12
	Lift Height	(m)	12	12	12
	Speed	High 50/60 (Hz)	3.7/4.5	3.7/4.5	3.5/4.2
	(m/min)	Low 50/60 (Hz)	2.5/3	2.5/3	2.3/2.8
Hoisting	Motor	High	9x8	13x8	17x8
	(kWxP)	Low	6x12	8.5x12	11.5x12
	Wire Rope	Construction	6x37	6x37	6x37
	(ØxFalls)	Dia (mm) x No. of ropes	16x4	20x4	22.4x4
	Brake			DC Magnet Disc Brake	
	Speed	High 50/60 (Hz)	12.5/15	12.5/15	12.5/15
Traversing	(m/min)	Low 50/60 (Hz)	8.3/10	8.3/10	8.3/10
ITAVELSHIP	Motor	High	0.75x4	1.5x 4	1.5x4
	(kWxP)	Low	0.5x6	1x6	1x6
		Н	920	1250	1450
		R	1300	1700	1800
		A	978	965	1165
		В	955	1009	1210
Dimension (approx.) (m	ımì	C	240	260	320
tappi on the	,	W	1250	1300	1400
		D	58	58	58
		Р	165	180	220
		Q	195	210	250
Weight (app	orox.) (kg)		1250	1850	2550
Rail (kg/m)			15	22	22

 $\textbf{Note}: \textbf{1)} \ \textbf{Please} \ \textbf{make} \ \textbf{a} \ \textbf{contact} \ \textbf{about} \ \textbf{hoist} \ \textbf{with} \ \textbf{over} \ \textbf{12m} \ \textbf{lift} \ \textbf{length}.$

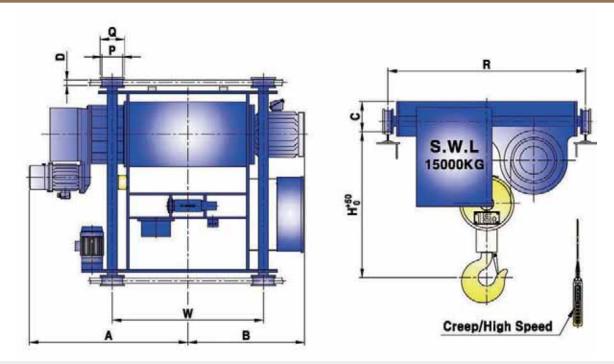
Double Low Head Type Hoist with Motor Driven Trolley (Creep)





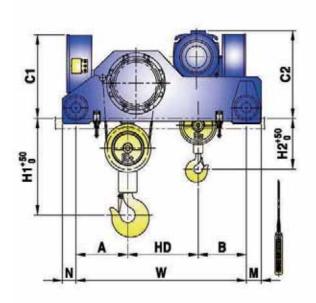
	Capacity (t	on)	2	3	5	7.5
Model No.			DL02-C-H06	DL03-C-H06	DL05-C-H06	DL075-C-H12
	Lift Height (m)	6	6	6	12
	Speed	50 (Hz)	8.4/0.84	7.5/0.75	4.7/0.47	3.1/0.31
	(m/min)	60 (Hz)	10/1	9/0.9	5.6/0.56	3.8/0.38
Hoisting	Motor (kWx	P)	3.7/0.4x4	5.5/1.1x4	5.5/1x6	5.5/1x6
	Wire Rope	Construction	6x37	6x37	6x37	6x37
	(ØxFalls)	Dia.(mm) x No. of ropes	8x4	9x4	11.2x4	14x4
	Brake					
Traversing	Speed	High 50/60 (Hz)	20/24	20/24	20/24	12.5/15
	(m/min)	Low 50/60 (Hz)	13/16	13/16	13/16	8.3/10
Havorsing	Motor	High	0.75x4	0.75x4	0.75x4	0.75x4
	(kWxP)	Low	0.5x6	0.5x6	0.5x6	0.5x6
		Н	400	495	600	950
		R	950	950	1150	1400
		A	775	870	950	1230
		В	560	840	655	835
Dimension (approx.) (m	ım)	C	170	170	205	300
		W	750	650	840	1250
		D	47	47	58	58
		Р	140	140	165	165
		Q	170	170	195	195
Weight (app	orox.) (kg)		460	550	850	950
Rail (kg/m)			15	15	15	15

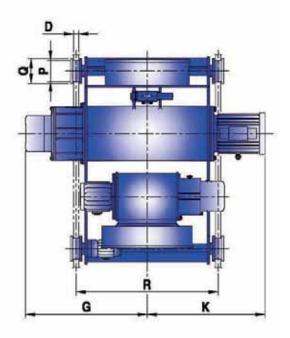
Double Low Head Type Hoist with Motor Driven Trolley (Creep)



	Capacity (t	on)	10	15	20
Model No.			DL10-C-H12	DL15-C-H12	DL20-C-H12
	Lift Height (m)	12	12	12
	Speed	50 (Hz)	3.7/0.37	3.7/0.37	3.5/0.35
	(m/min)	60 (Hz)	4.5/0.45	4.5/0.45	4.2/0.42
Hoisting	Motor (kWx	P)	9/1.1x8	13/1.8x8	17/1.8x8
	Wire Rope	Construction	6x37	6x37	6x37
	(ØxFalls)	Dia.(mm) x No. of ropes	16x4	20x4	22.4x4
	Brake			DC Magnet Disc Brake	
	Speed	High 50/60 (Hz)	12.5/15	12.5/15	12.5/15
Traversing	(m/min)	Low 50/60 (Hz)	8.3/10	8.3/10	8.3/10
Havoroning	Motor	High	0.75x4	1.5x4	1.5x4
	(kWxP)	Low	0.5x6	1x6	1x6
		Н	920	1250	1450
		R	1300	1700	1800
		A	1230	1080	1480
Dimension		В	955	1009	1210
Dimension (approx.) (m	mì	C	240	260	320
Cappi on I		W	1250	1300	1400
		D	58	58	58
		Р	165	180	220
		Q	195	210	250
Weight (app	orox.) (kg)		1300	1950	2600
Rail (kg/m)			15	22	22

Main & Aux Type Hoist

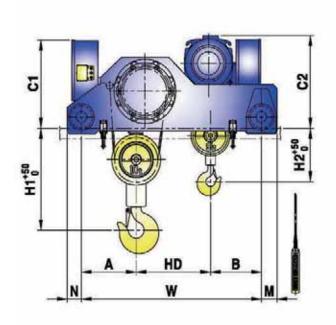


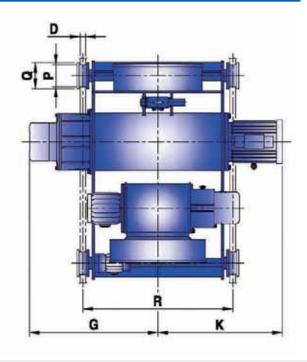


	Capa	city (ton)	5,	/3	7.5	5/3	10)/5	15/5	
Model No.			D0503-	NN-H12	D07503-	-NN-H12	D1005-	NN-H12	D1505-	NN-H12
	lift Haiabi		1 4	0	1 4	0	4	0		0
	Lift Height (1 1 1			12		12		2
	Speed	High 50/60 (Hz)	4.7/5.6	7.5/9	3.1/3.8	7.5/9	3.7/4.5	4.7/5.6	3.7/4.5	4.7/5.6
	(m/min)	Low 50/60 (Hz)	3.5/4.2	3.7/4.5	2.3/2.8	3.7/4.5	2.5/3	3.5/4.2	2.5/3	3.5/4.2
	Motor	High	5.5x6	5.5x4	5.5x6	5.5x4	9x8	5.5x6	13x8	5.5x6
Hoisting	(kWxP)	Low	4.2x8	2.8x8	4.2x8	2.8x8	6x12	4.2x8	8.5x12	4.2x8
	Wire Rope	Construction	6x37	6x37	6x37	6x37	6x37	6x37	6x37	6x37
	(ØxFalls) Dia.(mm) x No. of ropes		12.5x4	12.5x2	14x4	12.5x2	16x4	16x2	20x4	16x2
	Brake					DC Magnet	Disc Brake			
	Speed	High 50/60 (Hz)	20/	/24	12.5	i/15	12.5	5/15	12.5	5/15
Traversing -	(m/min)	Low 50/60 (Hz)	13,	/16	8.3/10		8.3/10		8.3/10	
	Motor	High	0.75x4		0.75x4		0.75x4		1.5x4	
	(kWxP)	Low	0.5	0.5x6		ix6	0.5	ix6	1:	(6
		H1	5	510		30	7	75	99	95
		H2	270		350		390		3(35
		R	11		1150		1150		1200	
		HD	48	35	570		600		645	
		A	37	70	420		460		425	
		В	36	35	390		400		450	
		C1	55	50	550		69	95	8	30
Dimension		C2	84	1 5	7:	 25	90	05	9:	30
(approx.) (n	nm)	G	93	35	9:	25	97	75	10	75
		K	88	35	8	70	10	60	10	65
		W		20	13	80	14	.60	15	
		D	4	7	5		5	18	5	
		M	1	10	1	10	1	10	10	30
		N	12	25	12	20		20	14	
		Р	10	35	10	35	10	65	1	30
		Q	19	90	19	35	19	95	2	10
Weight (ap	prox.) (kg)		12	85	16	00	18	30	24	75
Rail (kg/m)			1	5	1	5	1	5	2	2



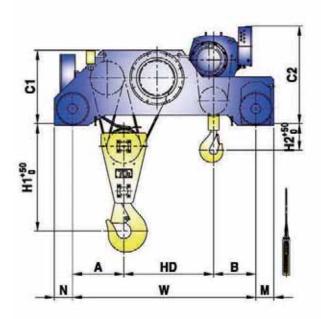
Main & Aux Type Hoist

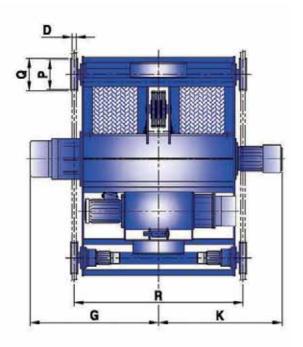




	Capa	acity (ton)	20)/5	20,	/10	30/	10	30,	/15
Model No.			D2005-	NN-H12	D2010-	NN-H12	D3010-	NN-H12	D3015-	NN-H12
	Lift Height	(m)	1	2	1	2	1	2	1	
	Speed	High 50/60 (Hz)	3.5/4.2	4.7/5.6	3.5/4.2	3.7/4.5	2.3/2.8	3.7/4.5	2.3/2.8	3.7/4.5
	(m/min)	Low 50/60 (Hz)	2.5/2.8	3.5/4.2	2.5/2.8	2.5/3	1.5/1.8	2.5/3	1.5/1.8	2.5/3
	Motor	High	17x8	5.5x6	17x8	9x8	17x8	9x8	17x8	13x8
Hoisting	(kWxP)	Low	11.5x12	4.2x8	11.5x12	6x12	11.5x12	6x12	11.5x12	8.5x12
	Wire Rope	Construction	6x37	6x37	6x37	6x37	6x37	6x37	6x37	6x37
	(ØxFalls)	Dia.(mm) x No. of ropes	22.4x4	16x2	22.4x4	16x4	22.4x6	16x4	22.4x6	20x4
	Brake					DC Magnet	Disc Brake			
	Speed	High 50/60 (Hz)	12.5	5/15	12.5	i/15	12.5	i/15	12.5	i/15
Traversing -	(m/min)	Low 50/60 (Hz)	8.3	8.3/10		/10	8.3	/10	8.3/10	
	Motor	High	1.5	ix4	1.5x4		1.5x4 (2unit)		1.5x4 (2unit)	
(kWxP)		Low	12	(6	1)	(6	1x6 (2unit)	1x6 (2unit)
		H1	11	75	11	75	14	80	14	80
		H2	3!	350		425		430		15
		R	13	00	1300		1800		1800	
		HD	7(00	775		1010		1010	
		A	5	70	570		780		780	
		В	4:	50	630		550		550	
		C1	90	00	900		98	30	980	
Dimension		C2	9:	35	11	80	99	95	1115	
(approx.) (n	nm)	G	11	65	11	65	14	25	14	25
		K	12	10	12	10	14	80	14	80
		W	17	20	19		23	40	23	40
		D	5	8	5	8	7	0	7	0
		M	1	70	17	70	16	30	16	30
		N	1	70	17	70	18	30	18	30
		Р	2:	20	22	20	25	i0	25	50
		Q	2	50	25	50	280		280	
Weight (ap	prox.) (kg)		29	25	34	75	46	70	52	00
Rail (kg/m)				2	2	2	3	0	3	0

Main & Aux Type Hoist

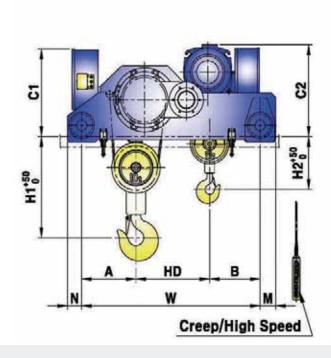


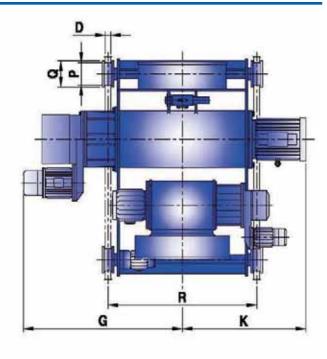


	Capac	ity (ton)	35,	/10	40.	/10	50.	/10	60.	/20	70/20	
Model No.			D3510-	NN-H12	D4010-	NN-H12	D5010-	NN-H12	D6020-	NN-H12	D7020-	NN-H12
	Lift Height	(m)	12		1	12		2	1	2	1	2
	Speed	High 50/60 (Hz)	4/4.8	3.7/4.5	3.5/4.2	3.7/4.5	2.7/3.2	3.7/4.5	2/2.4	3.5/4.2	2/2.4	3.5/4.2
	(m/min)	Low 50/60 (Hz)	4/4.0	2.5/3	0.0/4.2	2.5/3	2.1/0.2	2.5/3	2/2.4	2.5/2.8	2/2.4	2.5/2.8
	Motor	High	33x6	9x8	33x6	9x8	33x6	9x8	33x6	17x8	33x6	17x8
Hoisting	(kWxP)	Low	JUAU	6x12		6x12	JUAU	6x12	JUAU	11.5x12	JUAU	11.5x12
	Wire Rope	Construction	6xFi(25)	6x37	6xFi(25)	6x37	6xFi(25)	6x37	6xFi(25)	6x37	6xFi(25)	6x37
	(ØxFalls)	Dia.(mm) x No. of ropes	28x4	16x4	28x4	16x4	28x6	16x4	28x8	22.4x4	28x8	22.4x4
	Brake						DC Magnet	Disc Brake				
	Speed	High 50/60 (Hz)	12.5	5/15	12.5	5/15	12.5	i/15	12.5	5/15	12.5	5/15
Traversing	(m/min)	Low 50/60 (Hz)		/10	8.3	/10	8.3	/10		/10	8.3	
Haversing	Motor	High	2.2	2x4	2.2	2.2x4 2.2x		(2unit)	2.2x4	(2unit)	3.7x4 (2unit)	
	(kWxP)	Low	1.5	1.5x6		1.5x6		1.5x6 (2unit)		(2unit)	2.2x6 (2unit)	
		H1	1490			90	16			80		80
		H2	420		420		50		330		33	
		R		00	1600		2300		2800		2800	
		HD		00	1100		1300		1378		1378	
		A		40	740		968			68	968	
		В	_	60	_	560		657		79	579	
		C1		13		13	1220			20		20
Dimension		C2		33		33	14			50	17	
(approx.) (n	nmj	G		55		55	17		2030		2030	
		K		60		60	17			65		65
		W	24			00	29			25	29	
		D		0	-	0	8		_	0	8	
		М		15		15	2		_	75	27	
		N	2		_	15	2			75	275	
		Р		55	_	55	45		450		500	
		Q		95	_	95	49		490		540	
Weight (ap	prox.) (kg)			.00	6400		8200		10930		11080	
Rail (kg/m)			3	7	3	7	5	0	7	3	73	



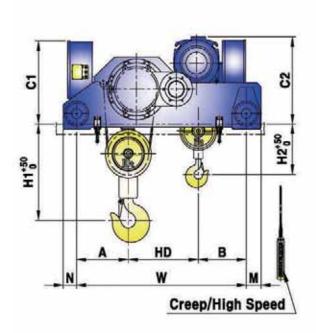
Main & Aux Type Hoist (Creep)

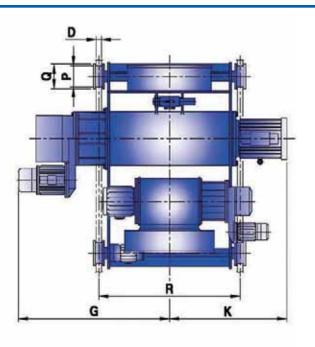




	Capac	ity (ton)	5	/3	7.5	5/3	10)/5	15/5	
Model No.			D0503-	CC-H12	D07503-	-CC-H12	D1005-	CC-H12	D1505-	CC-H12
	Lift Height (m)	1	2	1	2	1	2	1	2
	Speed	50 (Hz)	4.7/0.47	7.5/0.75	3.1/0.31	7.5/0.75	3.7/0.37	4.7/0.47	3.7/0.37	4.7/0.47
	(m/min)	60 (Hz)	5.6/0.56	9/0.9	3.8/0.38	9/0.9	4.5/0.45	5.6/0.56	4.5/0.45	5.6/0.56
Hoisting	Motor (kWx	P)	5.5/1x6	5.5/1.1x4	5.5/1x6	5.5/1.1x4	9/1.1x8	5.5/1x6	13/1.8x8	5.5/1x6
Holothig	Wire Rope	Construction	6x37	6x37	6x37	6x37	6x37	6x37	6x37	6x37
	(ØxFalls)	Dia.(mm) x o. of ropes	12.5x4	12.5x2	14x4	12.5x2	16x4	16x2	20x4	16x2
	Brake					DC Magnet	Disc Brake			
	Speed	High 50/60 (Hz)		/24		5/15		5/15	12.5	
Traversing	aversing (m/min) Low 50/60 (Hz)			/16		/10		/10	8.3	
Travoroning	Motor High			5x4		5x4		5x4	1.5	
	(kWxP) Low			5x6	9.0	5x6	9.0	5x6	11	(6
					r				ı	
		H1		10		30		75	99	
		H2		70	_	50	39		36	
		R		50		50		50		00
		HD		B5	_	70	-	00	64	
		A		70		20		60	42	
		В		65		90		00	45	
		C1		50		50		95	86	
Dimension		C2		45		25		05	90	
(approx.) (m	m)	G		70		85		75		85
		K		B5	_	70		60		65
		W		20		80		60		20
	D			.7		i8	_	8	5	
	M			10		10	1	10	16	30
		N		25		20		20	1/	10
		Р		65		65		65		30
	Q			190		95		95	2	
Weight (app	Weight (approx.) (kg)			85		90		50		05
Rail (kg/m)			1	5	1	5	1	5	22	

Main & Aux Type Hoist (Creep)

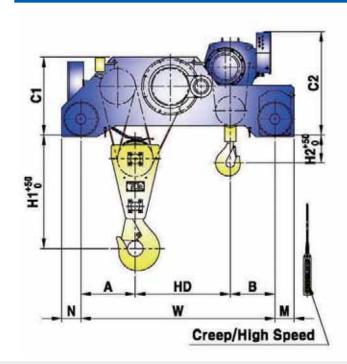


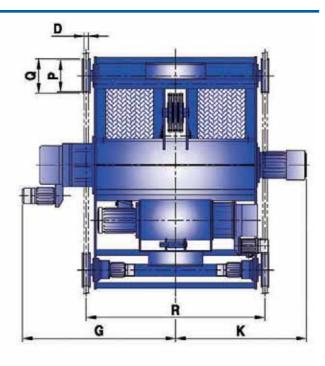


	Capac	ity (ton)	20)/5	20/	/10	30,	/10	30/	15
Model No.			D2005-	CC-H12	D2010-	CC-H12	D3010-	CC-H12	D3015-	CC-H12
	Lift Height (m)	1	2	1	2	1	2	1	2
	Speed	50 (Hz)	3.5/0.35	4.7/0.47	3.5/0.35	3.7/0.37	2.3/0.23	3.7/0.37	2.3/0.23	3.7/0.37
	(m/min)	60 (Hz)	4.2/0.42	5.6/0.56	4.2/0.42	4.5/0.45	2.8/0.28	4.5/0.45	2.8/0.28	4.5/0.45
Hoisting	Motor (kWx	P)	17/1.8x8	5.5/1x6	17/1.8x8	9/1.1x8	17/1.8x8	9/1.1x8	17/1.8x8	13/1.8x8
Holothig	Wire Done	Construction	6x37	6x37	6x37	6x37	6x37	6x37	6x37	6x37
	Wire Rope (ØxFalls)	Dia.(mm) x No. of ropes	22.4x4	16x2	22.4x4	16x4	22.4x6	16x4	22.4x6	20x4
	Brake					DC Magnet	Disc Brake			
	Speed	High 50/60 (Hz)	12.5	5/15	12.5	5/15	12.5	5/15	12.5	/15
	(m/min)	Low 50/60 (Hz)	8.3		8.3		8.3		8.3	
Traversing	Motor	High	1.5		1.5		1.5x4		1.5x4	
	(kWxP)	Low	1)		1)			2unit)	1x6 (2unit)	
	2.0									
		H1	11	75	11			80	14	
		H2	35	50	42	25	43	30	61	5
		R	13	00	13	00	18	00	18	00
		HD	70	00	77		10	10	10	10
		A	57	70	57	75	78	30	780	
		В	45	50	63	30	55	50	55	i0
		C1	90	00	90)0	98	30	98	80
Dimension		C2	93	35	11	80	99	95	11	15
(approx.) (m	m)	G	14	80	14	80	17	40	17	40
		K	12	10	12	10	14	70	14	70
	W		17	20	19	80	23	40	23	40
	D		5	8	5	8	7	0	7	0
		M	17	70	17	70	16	60	16	60
		N	17	70	17	70	18	30	18	80
		Р	22	20	22	20	25	50	25	i0
		Q	25	50	25	50	28	30	28	80
Weight (app	rox.) (kg)		30	3070		00	48	20	53	20
Rail (kg/m)			2	2	2	2	3	0	30	

 $\textbf{Note}: \textbf{1)} \ \textbf{Please} \ \textbf{make} \ \textbf{a} \ \textbf{contact} \ \textbf{about} \ \textbf{hoist} \ \textbf{with} \ \textbf{over} \ \textbf{12m} \ \textbf{lift} \ \textbf{length}.$

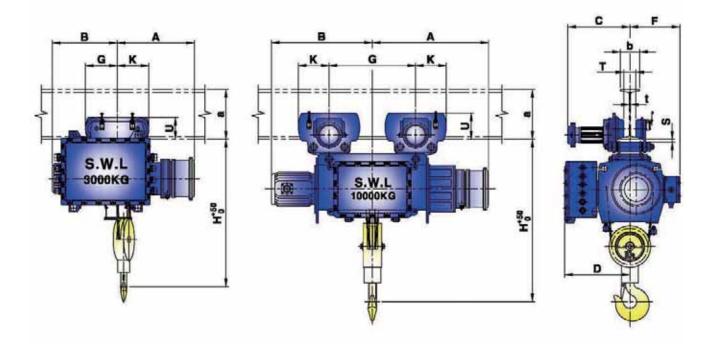
Main & Aux Type Hoist (Creep)





	Capacity (t	on)	35/	10	40,	/10	50/	′10	60/	′20	70.	20	
Model No.			D3510-	CC-H12	D4010-	CC-H12	D5010-	CC-H12	D6020-	CC-H12	D7020-	CC-H12	
	Lift Height (m)	1	2	1	2	1:	2	1	2	1	2	
	Speed	50 (Hz)	4/0.4	3.7/0.37	3.5/0.35	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	
	(m/min)	60 (Hz)	4.8/0.48	4.5/0.45	4.2/0.42	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 (kWx	P)	33/3.7x6/4	9/1.1x8	33/3.7x6/4	9/1.1x8	33/3.7x6/4	9/1.1x8	33/3.7x6/4	17/1.8x8	33/3.7x6/4	17/1.8x8	
Holothig	Wire Rope	Construction	6xFi(25)	6x37	6xFi(25)	6x37	6xFi(25)	6x37	6xFi(25)	6x37	6xFi(25)	6x37	
	(ØxFalls)	Dia.(mm) x No. of ropes	28x4	16x4	28x4	16x4	28x6	16x4	28x8	22.4x4	28x8	22.4x4	
	Brake						DC Magnet	Disc Brake					
	Speed High 50/60 (Hz)		105	/1E	40.5	:/1E	105	:/1E	40.5	:/4E	12.5/15		
	(m/min) Low 50/60 (Hz)		12.5/15 8.3/10		12.5/15 8.3/10		12.5		12.5				
Traversing	Traversing						8.3/10		8.3		8.3		
	motor -		2.2x4		2.2x4		2.2x4 (2unit) 1.5x6 (2unit)		2.2x4		3.7x4		
	(KWXP) LOW		1.5x6		1.5x6		OXC.1	ZUIIII	1.5x6	(ZUIIII)	2.2x6 (2unit)		
	H1		14	on	1//	1490		80	1780		17	80	
		H2	42		42		5		33		33		
		R	1600		16		23		28		28		
		HD	1100		1100		1300			1378		78	
		A	74		7/		968		96		90		
		В	56		56		657		57		5		
		C1	10		10		12		12			20	
Dimension		C2	13		13		14		17			50	
(approx.) (m	m)	G	17	35	17	35	20	60	23	10		10	
		K	13	60	13	60	17	15	19	65	19	65	
		W	24	00	24	00	29	25	29	25	29	25	
	D		7	0	7	0	8	0	8	0	8	0	
	M		21	15	21	15	27	75	27	75	2	75	
		N	21	15	21	15	27	75	27	75	2	75	
		Р	35	55	35	55	45	50	45	50	50	00	
		Q	39	95	39	95	49	90	49	90	54	10	
Weight (app	orox.) (kg)		60		60		85	00	112			140	
Rail (kg/m)			37		37		5	0	7	3	73		

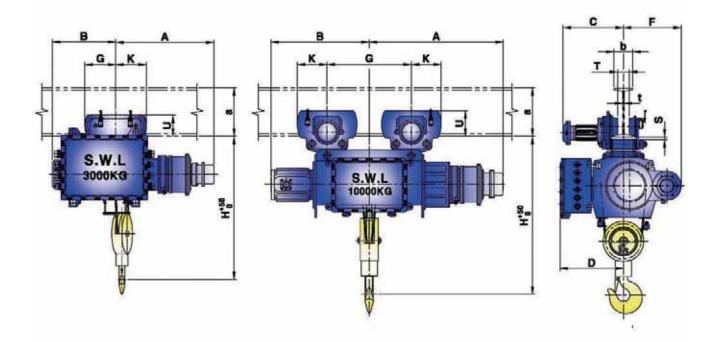
EX-PROOF Mono-Rail Type Hoist with Motor Driven Trolley



	Capaci	ty (ton)			1					3					5					10		
Model No.				ZNC)1-N-I	H12			ZNO)3-N-I	112			ZNO	5-N-I	112			ZN1	0-N-I	112	
	Lift Height (m)			12					12					12					12		
	Speed	High 50/60 (Hz)			10/12					7.5/9				-	1.7/5.6	3				3.7/4.5	j	
	(m/min)	Low 50/60 (Hz)			5/6					3.7/4.5	j			:	2.5/4.2	2		2.5/3				
	Motor High Disting (kWxP) Low				2.4x4					5.5x4					5.5x6					9x8		
Hoisting	Wire Rone Construction				1.2x8					2.8x8					4.2x8					6x12		
	Wire Rope				6x37					6x37					6x37			6x37				
	(ØxFalls)	Dia.(mm) x No. of ropes			8x2					12.5x2	<u>!</u>				16x2					16x4		
	Brake										DC M	agnet	Disc I	Brake								
	Speed	20/24				20/24						20/24			12.5/15							
Traversing	(m/min)	Low 50/60 (Hz) 13/16 13/16 13					13/16			8.3/10												
Haversing	Motor	High			0.75x4	ļ.			0.75x4 0.75x4					0.75	x4 (2ı	ınit)						
	(kWxP)	Low			0.5x6					0.5x6					0.5x6				0.5	(6 (2u	nit)	
		Н	900				1210				1325							1565				
		A			550			625						730			800					
Dimension		В			530			590						615					700			
(approx.) (m	m)	D			445					510					525					700		
		G			225					225					276			81		800		
		K			225					225		276					276					
	axbxt				S	T	U	C	F	S	T	U	C	F	S	T	U	C	F	S	T	U
	-beam and spacing 250x125x7.5				26	71	182	475	360	25	71	182	575	420	37	61	222	-	-	-	-	_
(mm)	spacing	300x150x10	490	350	24	96	182	490	360	23	96	182	595	420	32	86	224	600	480	35	68	224
		450x175x13	-	-	-	-	-	-	-	-	-	-	610	420	32	111	228	605	480	30	93	228
		600x190x13	-	-	-	-	-	-	-	-	-	-	_	-	-	-	-	620	480	32	118	227
Min. Radius of Curvature (m)				2.0			2.0			2.5				For straight rail only			ly					
Weight (app	Weight (approx.) (kg)				370					480					680			1350				

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

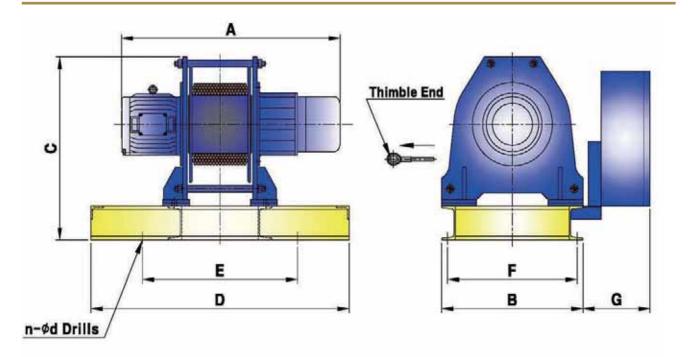
EX-PROOF Mono-Rail Type Hoist with Motor Driven Trolley (Creep)



	Capac	ity (ton)			1					3					5					10		
Model No.				ZNC)1-C-	H12			ZNC	13-C-I	H12			ZNO	15-C-	H12			ZN1	0-C-	H12	
	Lift Height (m)			12					12					12					12		
	Speed	50 (Hz)			10/1				7	.5/0.7	5			4	.7/0.4	.7			3	.7/0.3	7	
	(m/min)	60 (Hz)			12/1.2	2				9/0.9			5.6/0.56 4.5/0.4					.5/0.4	5			
Hoisting	Motor (kWx	P)		2	.4/0.42	κ4			5	5/1.1)	(4						(3/1.1x	В			
	Wire Rope	Construction			6x37					6x37		6x37					6x37					
	(ØxFalls)	Dia.(mm) x No. of ropes			8x2					12.5x2	2		16x2					16x4				
	Brake										DC M	agnet	t Disc Brake									
	Speed	High 50/60 (Hz)								20/24								12.5/15				
Traversing	(m/min)	Low 50/60 (Hz)			13/16	i				13/16							8.3/10					
Travoroning	Motor	High			0.75x4	1				0.75x4			0.75x4				0.75x4 (2unit)					
	(kWxP)	Low			0.5x6					0.5x6					0.5x6			0.5x6 (2unit			nit)	
		Н			900					1210			1325						1565			
		A			780					930					910					1000		
Dimension		В			530					590					615					700		
(approx.) (m	m)	D			445					510					525					700		
		G			225					225					276			800				
		K			225					225			276					276				
		axbxt	C	F	S	T	U	C	F	S	T	U	J C F S T U			U	C	F	S	T	U	
I beem end		250x125x7.5	475	370	26	71	182	475	380	25	71	182				222	-	-	-	-	-	
I-beam and (mm)	spacing	300x150x10	490	370	24	96	182	490	380	23	96	182	595	430	32	86	224	600	550	35	68	224
()		450x175x13	-	-	-	-	-	-	-	-	-	-					30	93	228			
		600x190x13	-	-	-	-	-	-	-	-	-	620 550 32 11				118	227					
Min. Radius	of Curvature	(m)			2.0					2.0					2.5			F	or stra	aight i	ail on	ily
Weight (approx.) (kg) 560 770 800 1380																						

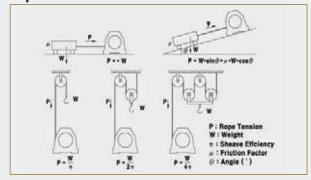
²⁾ Dimensions of i-beam in _____sections are standard ones. Other I-beam size also can be used by changing spacers.

Electric Winch



	Capacity (ton)	500	1000	2000	3000	5000	7000
Model No.		KCEW005	KCEW010	KCEW020	KCEW030	KCEW050	KCEW070
	Height (m)	50	100	100	100	100	100
	Speed (m/min) 50/60 (Hz)	20/24	17/20	15/18	10/12	8/10	8/10
Lifting	Motor (kWxP)	2.4x4	3.7x4	5.5x4	5.5x6	9x8	13x8
	Wire Rope (∅)	Ø 9	Ø 12	Ø 16	Ø 18	Ø 20	Ø 22.4
	Brake			DC Magnet	Disc Brake		
Power Soul	rce		AC	220/380/415/440/46	0/480V x 50/60HZ x 3	3ph	
	A	800	875	1180	1305	1805	1875
	В	440	560	560	740	600	830
	C	530	680	690	825	840	1070
Dimension	D	850	1000	1000	1000	2000	2180
(approx.) (mm)	E	400	600	600	600	1600	1600
	F	404	500	500	680	540	750
	G	220	220	220	230	230	260
	n x d	4x18	6x18.5	6x18.5	6x20	8x27	8x32
Weight (ap)	prox.) (kg)	200	278	360	460	860	1800

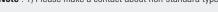
Rope Tension



Note: 1) Please make a contact about non-standard type.

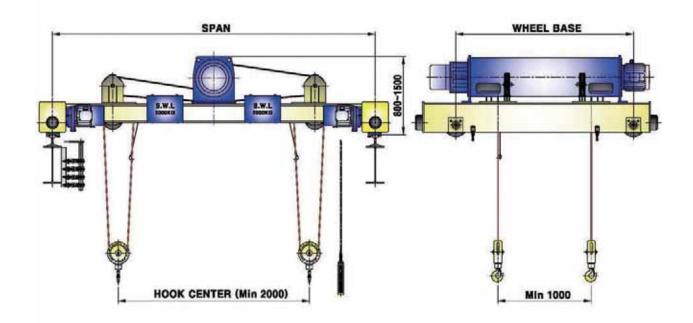
How to select Wire Rope Winch

Rope Tension	Calculation rope tension (Left pic.)
Rope Distance	Calculation rope distance from
	load moving distance
Power	Choice power source
Control —	Pendant Push Button S/W
	Remote Control





Multi Rope Synchronized Hoist

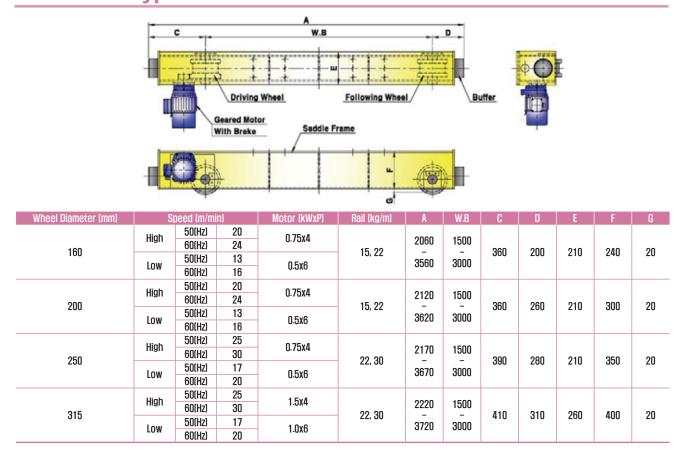


	Capacity	y (ton)	2	3	5	7.5	10							
Classificatio	n (FEM/ISO/CI	MAA)			2m / M5 / CLASS C	'								
Span (m)			2.5 ~ 8	2.5 ~ 8	2.5 ~ 8	2.5 ~ 8	2.5 ~ 8							
		High 50/60 (Hz)	8.3/10	7.5/9	4.6/5.6	3.1/3.8	3.7/4.5							
	Speed (m/min)	Low 50/60 (Hz)	4.1/5	3.7/4.5	3.5/4.2	2.3/2.8	2.5/3							
		Creep 50/60 (Hz)	0.83/1	0.75/0.9	0.46/0.56	0.31/0.38	0.37/0.45							
Hoisting		High	3.7x4	5.5x4	5.5x6	5.5x6	9x8							
	Motor (kWxP)	Low	1.8x8	2.8x8	4.2x8	4.2x8	6x12							
		Creep	0.4x4	1.1x4	1x6	1x6	1.1x8							
	Brake				DC Magnet Disc Brake									
	Speed	High 50/60 (Hz)		18/22										
	(m/min)	Low 50/60 (Hz)		12/15										
Traversing	Motor	High		1.5x4 (2unit)										
	(kWxP)	Low	0.5x6 (2unit) 1.0x6 (2unit)											
	Brake		DC Magnet Disc Brake											
Traversing v	wheel		Ø160	Ø200~250 (S45CN)										
Lift Height (r	n)		3 ~ 10											
Power source	се		AC 220/380/415/440/460/480V x 50/60HZ x 3ph											
Control sou	rce				AC 110V/48V									
Control met	hod			Pendant P	ush Button S/W / Remo	te Control								
Wire rope			[6x37]+FC "B" Ø6 [6x37]+FC "B" Ø6 [6x37]+FC "B" Ø8 [6x37]+FC "B" Ø10 [6x37]+FC "B" Ø12											
Traversing r	ail		S.B 40, 50 / Crane rail 15, 22, 30 kg/m											
Painting col	or		SSPC-SP-10(SA 2 1/2) SHOT BLAST, 2.5Y 8/12(YELLOW 175micro)											
Protection					IP 54									
Motor insula	ation				F CLASS									
Safety Device	се		Load Limit, Upper Limit, Travel Limit, EM Switch											

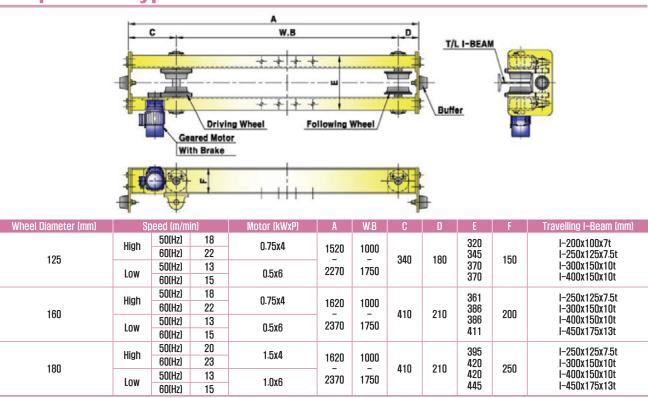
Note: 1) Please make a contact about non-standard type.



Over Head Type Saddle



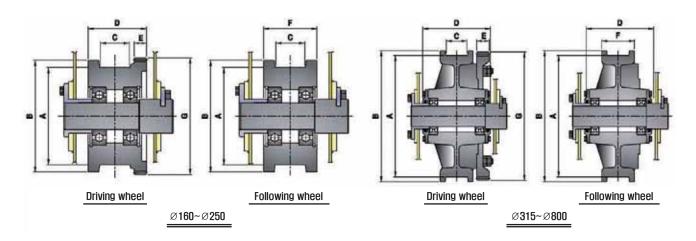
Suspension Type Saddle



Note: 1) Please make a contact about non-standard type.

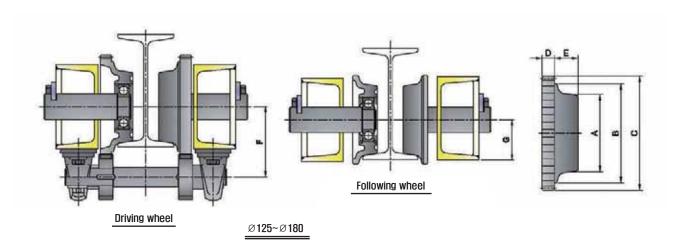


Overhead Type Wheel



			WI	neel					Ge	ar	Pin	ion	Application	Weight
A(mm)	B(mm)	C(mm) (15/30 kg/m)	D(mm)	E(mm)	F(mm)	G(mm)	Bearing	Material	Module & Teeth	Material	Module & Teeth	Material	Motor(kWxP)	4ea [kg]
160	190	63/72	120	25	110	200	6310ZZ		M4x48T		M4x16T		0.5x6/0.75x4	160
200	230	63/72	120	25	110	240	6311ZZ	S45C	M4x58T	S45C	M4x16T		0.080/0.7084	230
250	280	63/72	120	25	110	295	6312ZZ		M5x57T		M5x15T		1.0x6/1.5x4	330
315	355	63/72	176	30	127	360	#22213		M5x70T		M5x15T	CAEON	1.000/1.004	440
400	440	85	260	50	130	432	#22215		M6x70T		M6x19T	\$45CN (Hs 55~60)	1.5x6/2.2x4	750
500	540	90	278	50	135	528	#22217	SCMn2A	M6x86T	SC49	M6x19T	(113 00 00)	1.000/2.204	1140
630	670	90	304	60	135	680	#22220	SUMITZA	M8x83T	3048	M8x16T		0.0ve/0.7v#	1490
710	750	90	324	60	135	730	#22222		M10x71T		M10x12T		2.2x6/3.7x4 3.7x6/5.5x4	1810
800	840	90	350	70	140	820	#22224		M10x80T		M10x12T		0.7 10/0.014	2560

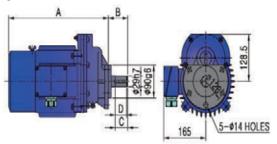
Suspension Type Wheel



				Wheel					Ge	ar	Pir	nion	Application	Weight
A(mm)	B(mm)	C(mm)	D(mm)	E(mm)	F(mm)	G(mm)	Bearing	Material	Module & Teeth	Material	Module & Teeth	Material	Motor(kWxP)	4ea [kg]
125	160	185	20	38	125	75	620722		M4x43T		M4x17T	CAEON	0.5x6/0.75x4	95
160	200	239	20	54	150	100	6209ZZ	S45CN	M4x56T	S45CN	M4x17T	\$45CN (Hs 55~60)	0.080/0.7084	200
180	220	248	25	64	161.5	100	6212ZZ		M5x49T		M5x14T	(119 99 - 00)	1.0x6/1.5x4	255

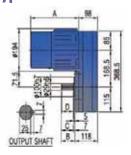
Geared Motor

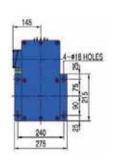
A-Type



Cap. Dim.	0.5KW x 6F 0.75KW x 4			1KW x 6P 1.5KW x 4P			
Α	336			371			
В	56.5	77	7.5	87			
С	29	3	4	64			
D	25	3	0	60			
Reduce Ratio	1/8.4, 1/12.12, 1/16.36						

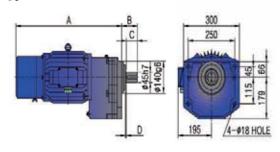
B-Type





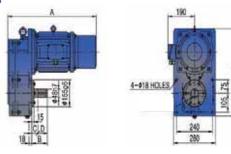
Cap. Dim.	0.5KW x 6P 0.75KW x 4P	1KW x 6P 1.5KW x 4P				
A	215	250				
В	71	71				
С	64	64				
D	60	60				
Reduce Ratio	1/12.4, 1/	l, 1/16.3, 1/22				

C-Type



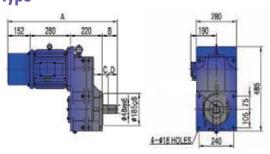
Cap. Dim.	1.5KW x 6P. 2.2KW x 4P
A	565
В	84
C	59
D	5
Reduce Ratio	1/20.26

D-Type



Cap. Dim.	2.2KW x 6P, 3.7KW x 4P 5.5KW x 4P
Α	592
В	105
С	41
D	64
Reduce Ratio	1/22

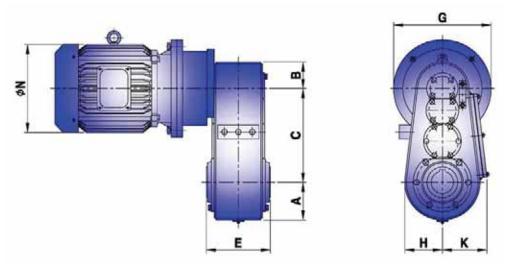
E-Type



Cap. Dim.	2.2KW x 6P, 3.7KW x 4P 5.5KW x 4P
A	757
В	105
С	41
D	64
Reduce Ratio	1/22

- Feature 1) Geared Motor with high standard Gear guarantees quiet operation and comfortable work environment.
 - 2) The user can choose the single speed or the double speed according to purpose of usage.

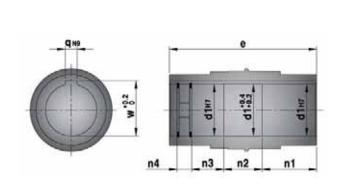
Block Drive

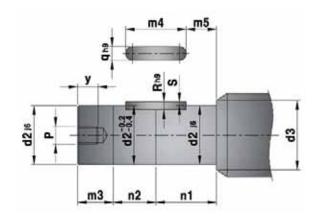


Model	Motor (kWxP)	Ratio	Output	Application	Dimension (mm)									
	WIULUI (KWXP)	natio	Torque (kg · m)	Dia(mm) & Load(kg)	Speed (m/min)	Α	В	C	E	F	G	Н	K	ØN
KBM 08	3.7x6 5.5x4	1/63	250	Ø355 25300	20 30	170	120	336	230	530	300	135	165	266
KBM 09	5.5x6 7.5x4	1/64	400	Ø450 32000	25 40	190	160	387	270	580	350	155	185	317
KBM 10	7.5x6 11x4	1/62	600	∅560 40000	33 50	220	185	454	350	680	350	185	215	317
KBM 12	11x6 15x4	1/65	800	Ø710 50600	40 60	235	200	521	390	730	400	200	235	355
KBM 14	15x6 22x4	1/80	1400	∅900 64000	40 60	250	230	607	425	730	400	215	245	355

Reducer Output Hollow Shaft

Wheel Solid Shaft



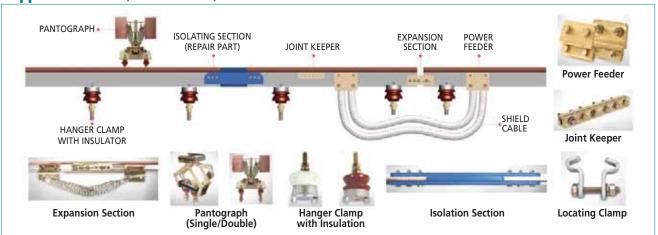


Model	Application Wheel							Dimension (mm)								
	n1	n2	n3	n4	d1	q	W	m3	m4	m5	f	S	d	d2	d3	у
KBM 08	85	60	50	23	80	22	85.4	45	160	35	14	5	M24	80	100	35
KBM 09	95	80	55	26	90	25	95.4	50	160	40	14	5	M24	90	110	35
KBM 10	105	140	56	35	105	28	114.4	50	200	45	16	6	M24	105	130	35
KBM 12	115	150	66	34	120	32	127.4	60	200	50	18	7	M24	120	150	35
KBM 14	135	155	77	36	140	36	148.4	70	240	55	20	8	M24	140	175	35

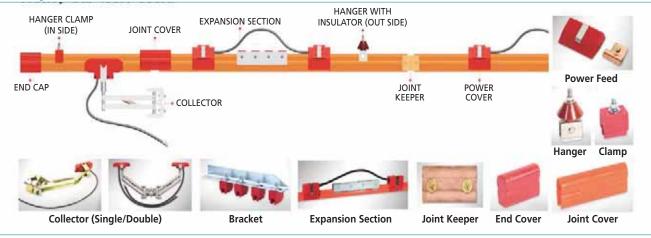
Note: Note: 1) Standard type: To attach DC Magnet Brake 2) To be possible to attach thrustor brake. 3) Please make a contact about non-standard type.

Trolley Bar & Track Assembly

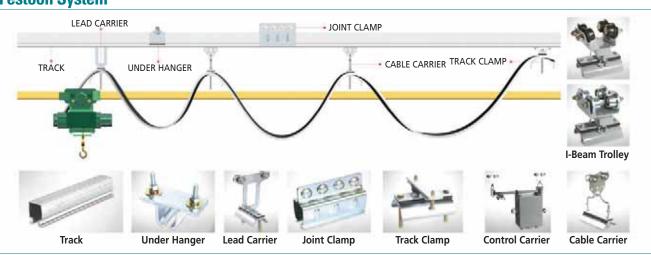
Copper Head Rail (300A~2000A)



Trolley Bar (50A~500A)



Festoon System



Accessory Part

Switch & Remote Control



Magnet Brake Controller



Soft Start



Electric wire hoist



Authorized Distributor

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