

기술평가 우수변체기업



現代(H)호이스트

제한하중  
50.000KG



KOHSO 8001 관증을 위한 CSA 국제인증

100010

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High Productivity With Hyundai Hoist

## ELECTRIC Wire Rope HOIST

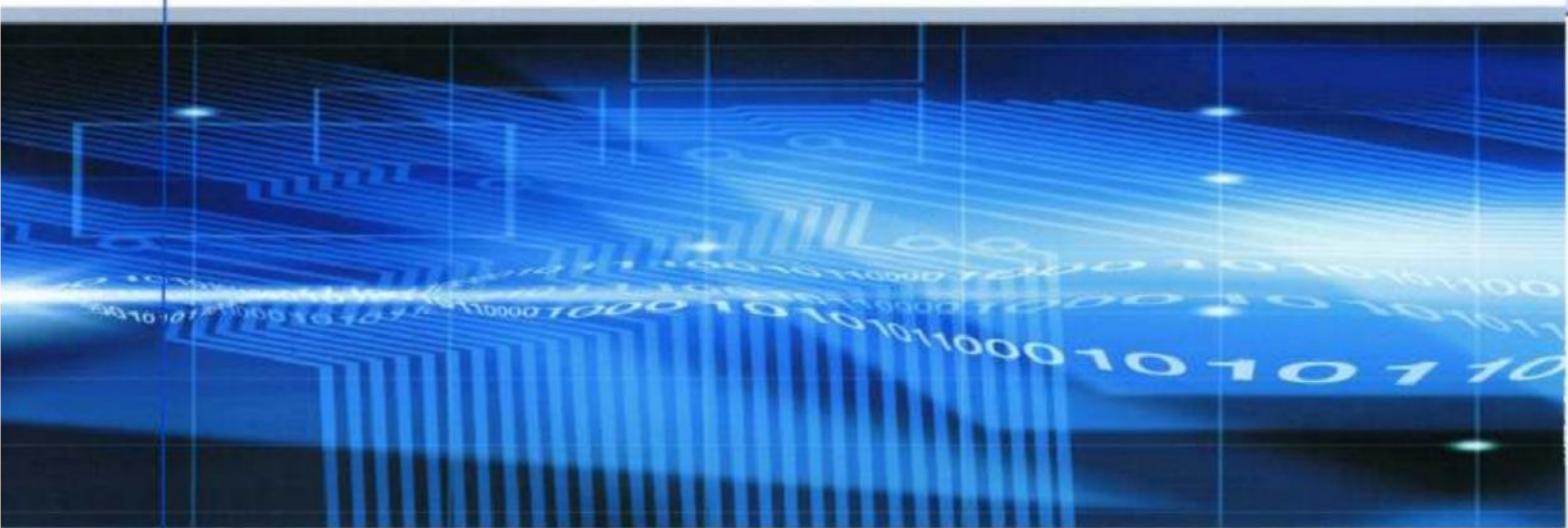


HYUNDAI HOIST

20000KG

제한하중

# Greeting



21세기에 요구되는 새로운 호이스트로 거듭나겠습니다.

(주)현대호이스트는 업계 최초로 기술평가를 통하여 벤처기업 인증을 받은 명실공히 한국을 대표하는 호이스트, 크레인 전문회사입니다.

(주)현대호이스트는 지난 86년 설립 이후 연구소와 연계하여 꾸준한 기술 개발을 통한 제품의 품질 향상을 이룩하였고, 2003년에는 국내 최초로 100/60ton 호이스트를 개발 생산하였습니다. 또한 항만, 발전소, 산업현장 전반에 걸친 국가 기반 시설 사업에도 일익을 담당하고 있으며, 전국적으로 30여개소에 이르는 A/S 센터에 의한 신속한 서비스로 고객분들이 불편없이 저희 제품을 사용할 수 있는 체제를 구축하였습니다.

(주)현대호이스트는 미주지역 수출을 위한 CSA 및 UL 승인을 아시아 최초로 획득하였고, 지속적인 수출을 통하여 저희의 제품이 세계 곳곳으로 수출되면서 국내뿐아니라 해외에서도 인지도를 한층 더 높여가고 있습니다.

(주)현대호이스트는 지금까지의 결과에 만족하지 않고 “고객만족”, “품질향상”, “기술혁신”이란 사훈아래 신제품 개발에 끊임없이 도전할 것을 약속드립니다.

고객에 대한 감사한 마음은 지면으로 다 채울 수 없지만 이번 기회를 통하여 그동한 미흡한 폐사를 이끌어 주신 동종업계의 여러 선후배님들께 진심으로 감사드리며, 더욱더 많은 질책과 배전의 성원을 진심으로 부탁드립니다.

(주)현대호이스트  
임직원 일동

# The World Best Hoist

The World Best Hoist



We, Hyundai Hoist have been with the best leader of material handling fields & electric crane fields in Korea since we had started production 1986 year.

We are doing our best endeavor for Research & Development in order to provide with all of clients with best quality & service. As a result of such effort, we started to develop & produce ultra-heavy duty hoist like 100/60 ton Main/Aux. type hoist at 2003 year. And also, We have been contributing in the Nation basis facilities industry business like Harbors, Power Plant & other public industrial places.

We equipped A/S center over 30 places throughout the nation and we are providing speediest service to all of clients without any inconvenience.

We have been making a good reputation at foreign markets as well as Local market since Hyundai Hoists approved by CSA & UL certificate first in Korea.

We promise that we will keep doing our best to contribute to entire client's requirement by best quality & service based on our motto; 'Client contentment', 'Quality up-grade' & 'Technology innovation' .

Yours truly  
Hyundai Hoist Co.,Ltd.

# MAIN PRODUCTS



## 주요품목

### HOIST

Mono-Rail Type	1ton ~ 20ton
Double-Rail Type	2ton ~ 140ton
Low-Head Type	1ton ~ 7.5ton
Creep Type	1ton ~ 140ton
Cargo Lift Type	1ton ~ 70ton
Main & Aux. Hoist	7.5/3ton ~ 140/70ton
High Lift Hoist	18mt ~ 60mt
Double I-beam Type	30mt ~ 50mt
Chain Hoist	0.25ton ~ 5ton

### CRANES

Hoist Crane	Single Girder
Crab Crane	Double Girder
Gantry Crane	Suspension
Jib Crane	Double Girder
Special Crane	Single Girder
	Double Girder
	Post Type
	Wall-Driven Type
	Wall-Mounted Type
	Refuse Crane

### SADDLE & CRANE COMPONENTS

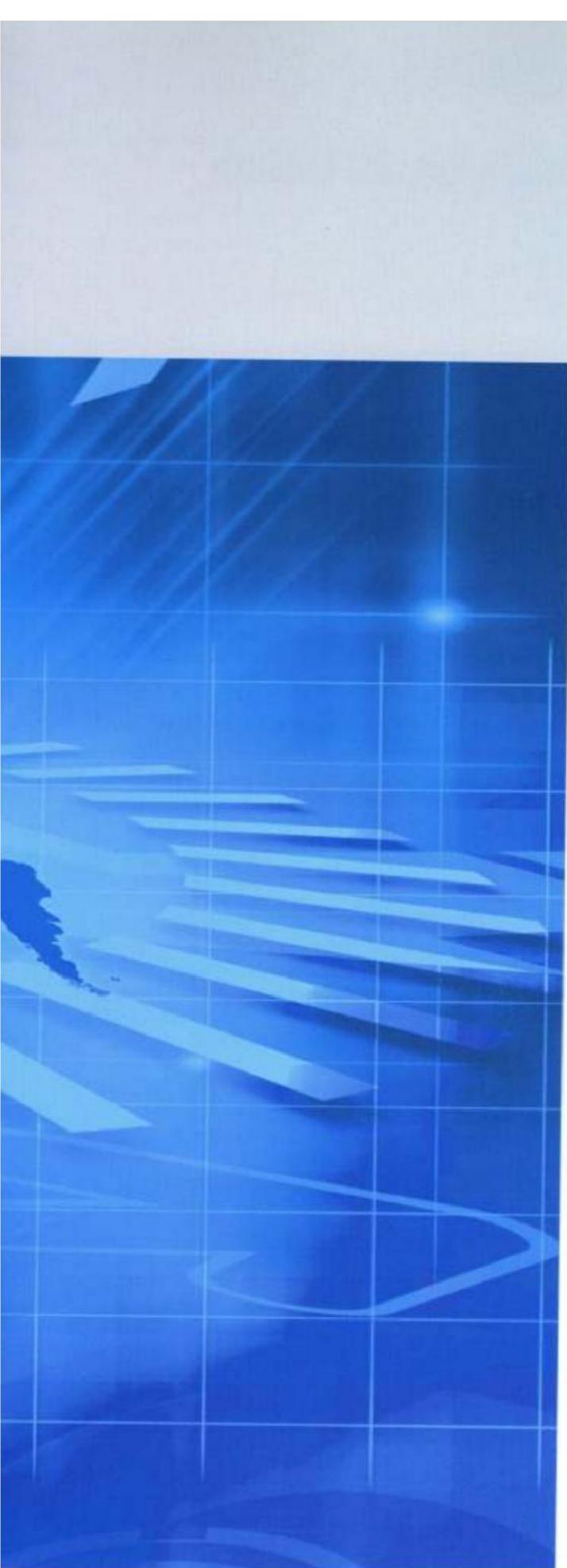
Saddle unit	Over-head Type
Wheel unit	Suspension Type
Geared motor	Over-head Type
Soft starter	Suspension Type
Over load limiter	0.5kw ~ 3.7kw

### CRANE ATTACHMENTS

Lifting hanger	0.5ton ~ 50ton
C-hook	3ton ~ 40ton

### TRANSFER CAR

Coil transfer car	5ton ~ 50ton
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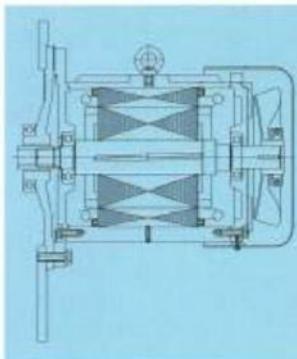
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# Hyundai Hoist's Basic Components & a Special Feature

## OUTLINE OF YOUR DESIRABLE HOIST SYSTEM

### 구사가 선정한 호이스트 시스템

#### 권상모타 / HOISTING MOTOR

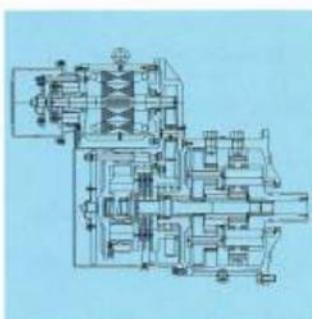


KSC-9621 규격에 준하여 반복정격 및 사용빈도가 높고 125% 부하시 작동 가능하게 설계·제작된 3상 농형 유도전동기로써 모터 용량이 13kw 미만은 T.E.N.V(냉각팬 미부착)타입과, 13kw 이상은 T.E.F.C(냉각팬 부착)타입을 사용하였습니다.

It is 3phase squirrel cage induction motor designed under the performance standard of KSC-9621(equivalent to ISO4301) to endure the high operation cycle with continuous rating time(30min) and 125% rated load.

There are two kinds of motors what we apply : one is T.E.N.V(Totally Enclosed Non-Ventilated) type below 13kw motor capacity and T.E.F.C(Totally Enclosed Fan Cooled)type over 13kw motor capacity.

#### 권상브레이크 / HOISTING BRAKE



전자기계식 마그네트디스크로 전원에 의한 스프링의 빠른 응답 속도로 설계되어 있으며, 전원이 깨질시 브레이크 작동이 되고 정격하중하에 제동시 미끄럼비율은 권상속도의 1% 미만이고, 브레이크토록는 정격하중의 150% 이상을 유지합니다.

It is composed of electric magnetic disc brake with good reaction released with spring by power. The brake still holded in power failure and slip ratio less than 1% per min of hoisting speed under the 100% load weight.

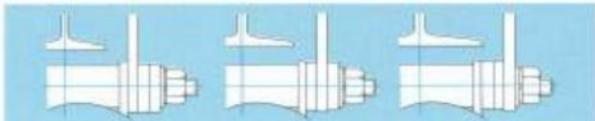
The brake torque suspend over 150% under the rated load weight.

#### 권과방지장치 / UPPER LIMIT SWITCH

레버캠 이중정지장치로 설계되었으며, 1차 정지시 조작전원이 차단되며, 2차 정지시 호이스트 전원이 차단되어 사용상 안전사고를 방지하고, 또한 역상회전으로 인한 오동작을 차단합니다.

It is designed two step stopping system with LEVER CAM. First stop on the limited highest cut off control power circuit and if the control power do not off, main power circuit cut off secondly by the lever cam on the maximum highest limit.

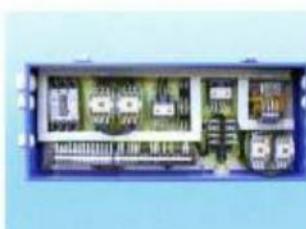
#### 횡행차륜 / TROLLEY



트롤리 프랜지폭은 모노레일 경우 I-beam(H-beam)폭에 따라 스페이서로 조정 가능하며, 더블레일도 비표준 레일개이지 폭에 맞추어 제작 가능하며 훨은 그리이스가 봉입된 불베어링을 사용, 차륜 교환 및 보수가 용이합니다.

In case of mono rail hoist, the flange width available to adjust I-beam(H-beam) size on the brochure with the spacer and in case of double rail hoist the trolley span adjustable to non standard size. All the wheel adopt Grease enclosed ball bearing standing hoist load condition, easy exchange for maintenance. Wheel taper approx. 8 degree angle for I-beam and available to adopt H-beam as plain wheel without taper.

#### 콘트롤 패널 / CONTROL PANEL



모터의 소손방지를 위한 과부하전류방지장치 및 과천류 차단기가 이 중으로 내장되어 있으며 이중방지 장치 상한 개폐기 및 각 방향의 운동을 제어하는 전자식 마그네트 접점은 작동시 안전하고, 패널은 방진 및 방수를 위하여 고무패드로 실령 마감되었습니다.

It is composed of E.O.C.R(=EMPR) to protect the motor and N.F.B to protect Hoist damage and two step lever cam to control highest limit.

The operation of electromagnetic contactor interlock the each motion with safety for any shock.

Panel box adopt rubber pad sealing in order to protect vibration and waterproof.

#### 푸쉬버튼 스위치 / PUSH BUTTON SWITCH



늘어뜨림 방식의 스위치로 기계적 인터록장치가 부착되어 안전작업이 보장되어 케이스는 폴리카보네이트 재질을 사용 외부의 충격에 강하며 방진, 방수에도 강하다. 스위치 방식으로는 연단동용 토플스위치, 싱글스피드용 및 크립스피드용으로 동시에 일단, 이단을 누를 수 있게 되어 있으며 기본적인 바상스위치 및 사용자의 기능선택(작동방향의 수 및 추가기능)에 따라 4~12점식으로 구성됩니다.

Adopted mechanical interlock system guide safety operation, the case raw material used polycarbonate is strong against impact.

Ingress Protection group is IP65 and the switch model has toggle switch for multi-operation of two hoists on the same girder, one step push button for single speed, two step push button for dual speed operation. The button points has basically emergency for all motions with the preferable motion numbers.

## 와이어로프 / WIRE ROPE

쉬브효율을 고려하여 안전율이 5 또는 그 이상으로 설계되었으며 로우헤드 1ton(6mm)을 제외한 모든 기종의 로프지름은 8mm 이상이며, 19(또는 37) 가닥의 6코아로 나선 Z꼬임 B종입니다.

It is designed safety factor 5 times or more under considering sheave efficiency. Rope diameter of all models use more than 8mm with 6 core construction X 19(37) filaments swirl Z twisted A or B type.

## 감속기어 / REDUCTION GEAR

기어재질은 충분한 강도를 고려 합금강(SCM) 및 특수강(S45C)을 사용, 기어면마열처리로 견고한 파막과 탄력있는 내부충은 소음을 최소화하여 부드러운 작동과 내마모성을 크게 했으며 금유방식은 오일비سان타입을 적용했습니다.

Considering enough hardening strength, gear raw materials adopt alloyed steel(S.C.M or S45C) and gear tooth treated induction hardening reduce noise with smooth during operation, in particular, enhancing the endurance of wear-cut & abrasion resistance structurized hard surface layer, elastic inner layer.

Lubrication way apply oil bath type.

## 푸쉬버튼케이블 완충장치 / PUSH BUTTON CABLE SHOCK ABSORBER

버튼조작시 케이블을 당김으로 연결선의 이탈방지 및 케이블 보호를 위하여 스프링을 이용한 완충방지장치를 호이스트 모체에 설치하였습니다. 별개 동작용의 푸쉬버튼은 제외입니다.

To protect the disconnection of push button cable to hoist panel, attached cable shock absorber into the hoist frame with harness & spring.  
(Independent push button system excluded this system)

## 로드블록 및 흑크 / LOAD BLOCK AND SAFETY HOOK

쉬브, 사프트, 흑크빔, 흑크로 구성되며, 흑크는 정격하중시 인력으로 360도 회전이 가능하며 안전고리가 내부방향으로 개방되도록 되어 작업시 스リング의 탈선을 방지합니다.

Composed with hook, hook beam, sheave and sheave shaft and the hook available to circulate 360 degree by hand under the rated load and attached the safety latch to open inside direction not to release the sling rope.

## 기어드 모터 / GEARED MOTOR

제동력은 D.C 마그네틱 디스크 브레이크를 사용 전동기 정격 회전력의 150% 이상으로 하고 제동력 조정이 가능토록 설계되었습니다.

모터와 결합된 감속기어는 감속비 및 모터용량에 맞게 설계되어 민첩 및 출발, 정지시 부드러운 운전을 할 수 있습니다.

Brake power incorporated with D.C magnetic friction disk keep over 100% in the rated motor circulation power and it is available to adjust the brake power.

The motor geared with reducer designed by the optimum reduction ration with motor capacity induce smooth operation in inching, start and stop.

## 선택사항 / OPTIONAL DEVICE

### 과부하 방지장치 / LOAD LIMITER



정격중량 이상의 하중 사용시 자동적으로 부저음과 동시에 램프에 적색등이 켜집니다. 디지털 방식으로 원하는 하중에 맞추어 조절할 수 있습니다.

When the loaded weight over rated load, the limiter sound buzzer consistently turn on the red light on the lamp at the same time. It is a digital type and it can be adjusted upon the desirable load weight.

\*당사 호이스트는 KSC9621(전기안전기) 고드에 의한 부하테스트, 속도, 전류, 전압 시험 및 검사후 출고합니다.

We supply all of our products to our customers after we inspect the operation related with the rated load, motor motion incorporated with the brake at our auto-load inspection machine.

## 횡행 리미트 스위치 / TROLLEY LIMIT SWITCH

호이스트의 횡행시 스토퍼 정지 이전에 작동, 횡행모터의 전원을 차단시켜 BRAKE를 작동시킵니다.

When the hoist travel to the cross direction, the limit switch turn off the electricity of trolley motor before the trolley stop into the stopper device attached the girder.

## 권하 방지장치 / LOWER LIMIT SWITCH

기계전기적 구조로 설계되어 하한의 위치를 설정하여 사용함으로 취급물건의 예기치 못한 충돌을 미연에 방지하고, 역상회전을 방지하여 안전사고를 미연에 방지하고, 하한개폐기의 적정한 사용은 고양정 또는 회물운반용 엘리베이터 타입에 유용합니다.

It is designed with electromechanical stop system by limit switch to protect the reversing rope. It is indispensable to apply model of high lift height hoist.

## 이중 모노레일 트롤리 / DOUBLE I-BEAM TROLLEY

초고양정의 모노레일 호이스트에 사용되며, 로우프 및 운반물의 흔들림을 최소화하기 위한 이중트롤리입니다.

The super lift height of mono rail hoist apply double I-beam type double trolley to reduce maximum of swing of loaded cargo with rope.

## 원격 무선 조정 장치 / RADIO CONTROLLER

운전조건상 접근이 어렵거나 안전 또는 작업 효율을 위하여 푸쉬버튼과 별개로 사용하여, 동일공장내에 여러대의 크레인에 사용할 수도 있고, 여러대의 리모콘 동시사용시에도 서로간의 주파수에 의해 오동작이 없으며, 주파수 최대도달거리는 200미터까지 가능합니다.

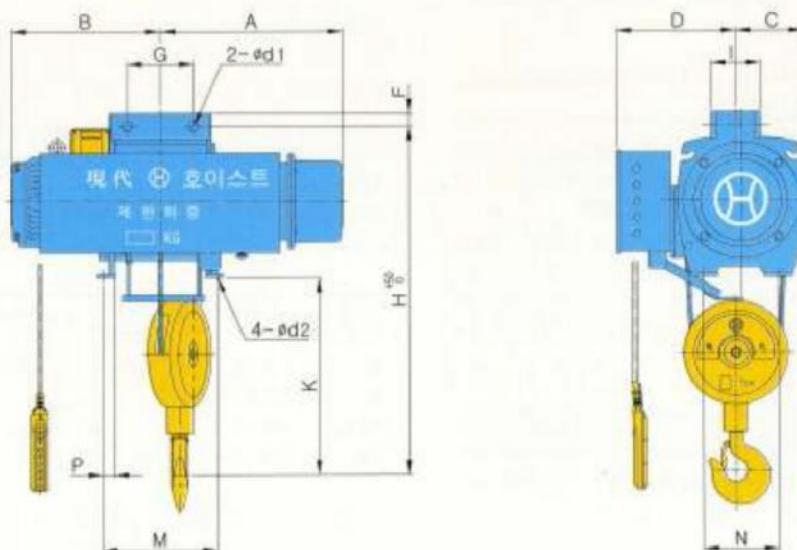
If the operation site is dangerous or difficult approach position, or requiring high efficiency productivity, the radio remote controller can be used and one controller can be used for several cranes. Several radio controller using in one site do not entangled with other radio controller protecting mis-operation each other.

## STANDARD SUPPLY SCOPE OF MANUFACTURER AND AVAILABLE SPECIFICATION

Power Supply Voltage	: 3 Phase × 220~480V × 50/60Hz
Control Voltage	: 1 Phase × 24~110V × 50/60Hz
Lift Height	: 6, 12, 18, 24, 30, 36, 42, 48mts as standard height
Load Capacity	: 1~140 tons as standard as each type application
Ambient Temp.	: Depends on motor insulation group
Standard Performance	: KS C9621~1990(Electric Wire Rope Hoist)
	: ISO 4301 (Crane and lifting appliances—Classification)
Paint Color	: Polyurethane, Safety Blue 4206 MS. No 0.9PB 4.2/6.7
Pendant Push Button SW	: 2~12 Points depends on the owner option
Control Panel	: *same as left
Ingress Protection	: IP 44/54 depends on the owner option
Insulation Group	: "B" or "F" group depends on the owner option
Rating Time	: Continuous On-Off during 30 min
Duty Rate	: ED 15~60% depends on the model with rated load operation cycle

Speed Type with model	: Single Speed Type
	Hoisting : Single speed
	Trolley : Single speed
	Two(Creep) Speed Type for Hoisting
	Hoisting : Two speed with 2 motors
	Trolley : Single speed
	Two Speed Type for All Motion
	Hoisting : Two speed × 2 motor
	Trolley : Two speed × 1 motor (pole changeable)
Operation Time/hr	: 90~360 times depends on the ED

## Ordinary Type

**Hoist Without Trolley(HB)**

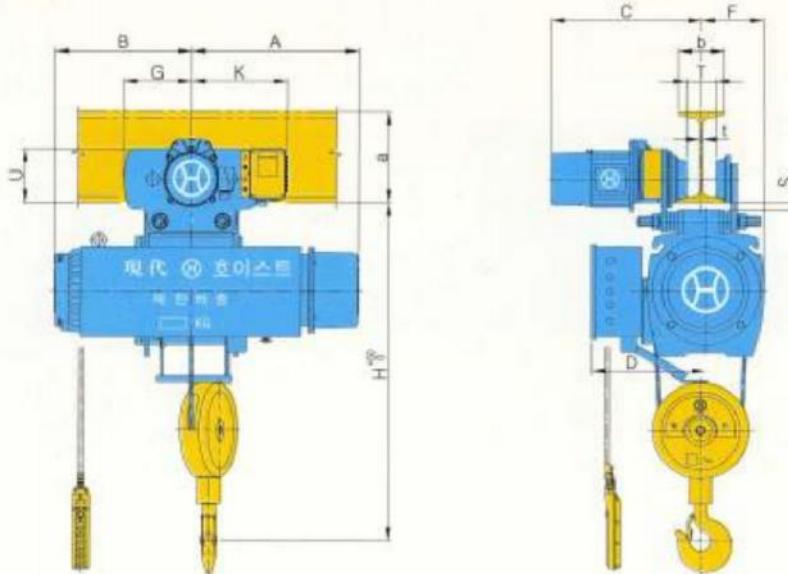
Capacity (ton)		1	2	2.8,3	5	7.5	10
Lift Height(m)		6(12)	6(12)	6(12)	6(12)	12	12
Hoisting Speed (m/min)	High Speed	50Hz	10	8.3	7.5	4.7	3.2
		60Hz	12	10	9	5.6	3.8
	Low Speed	50Hz	6.7	5	3.8	3.5	2.4
		60Hz	8	6	4.5	4.2	2.9
Hoisting Motor (kW×P)	High Speed	2.2×4	3.7×4	5.5×4	5.5×6	5.5×6	13×6
	Low Speed	1.5×6	2.5×6	2.8×8	4.2×8	4.2×8	9×8
Wire Rope	Construction	6×24	6×37	6×37	6×37	6×37	6×37
	Dia.(mm) × no.of ropes	8×2	10×2	12.5×2	16×2	14×4	16×4
Brake							
Dimension (approx.) (mm)	H	750	920	1053	1241	1265	1325
	A	464(512)	502(552)	547(597)	632(682)	961	1000
	B	379(531)	431(581)	448(598)	523(673)	852	953
	C	169	197	205	240	283	345
	D	281	308	360	412	495	550
	G	160	200	200	280	800	670
	F	32.5	37	37.5	50	40	50
	I	112	150	150	180	180	247
	K	360	495	595	680	670	655
	M	350(550)	350(550)	364(564)	450(650)	1080	1100
	N	160	180	200	250	400	500
	P	45	47	44	55	58	65
	d1	26	33	33	47	47	47
	d2	17	17	17	17	25	25
Weight (approx.) (kg)		150(166)	204(226)	292(330)	500(545)	810	1050

Note : 양정 12mts 이상의 모델은 당사로 문의 바랍니다. In Case of lift height over 12mts, please contact us.

5ton Hoist까지는 와이어로프가 2줄입니다. 4줄 사용시는 당사로 문의 바랍니다. The number of wire rope is two falls upto 5ton. In Case of using 4falls, please contact us.

## Ordinary Type

### Hoist With Motor-Driven Trolley(HN)

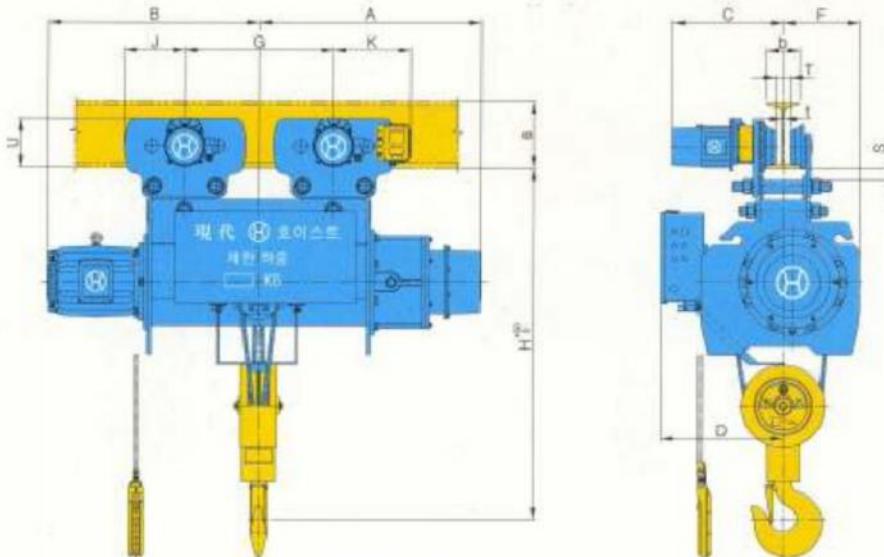


Capacity (ton)		1		2		2.8.3		5													
Lift Height(m)		6(12)		6(12)		6(12)		6(12)													
Hoist	High Speed (m/min)	50Hz	10		8.3		7.5		4.7												
	Speed	60Hz	12		10		9		5.6												
	Low Speed (m/min)	50Hz	6.7		5		3.8		3.5												
	Speed	60Hz	8		6		4.5		4.2												
Hoisting Motor (kW×P)	High Speed		2.2×4		3.7×4		5.5×4		5.5×6												
	Low Speed		1.5×6		2.5×6		2.8×8		4.2×8												
Wire Rope	Construction		6×24		6×37		6×37		6×37												
	Dia.(mm) × no.of ropes	8×2		10×2		12.5×2		16×2													
Brake																					
Traversing	Traversing Speed (m/min)	High	50Hz	20		20		20	20												
		Speed	60Hz	24		24		24	24												
	Low Speed (m/min)	50Hz	13.3		13.3		13.3		13.3												
		Speed	60Hz	16		16		16	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												
Brake																					
Dimension (approx.) (mm)	H		815		960		1115		1325												
	A		464(512)		502(552)		547(597)		632(682)												
	B		379(531)		431(581)		448(596)		523(673)												
	D		303		330		375		412												
	G		212		225		225		275												
	K		304		314		314		349												
I-beam and Spacing (mm)	a×b×t	C	S	F	T	U	C	S	F	T	U	C	S	F	T	U					
	200×100×7	454.5	35	169	48	144	465	32	197	46	170	465	32	205	46	170	-	-	-	-	
	250×125×7.5	467	33	169	73	146	478	30	197	71	172	478	30	205	71	172	483	40	240	60	216
	300×150×10	479.5	27	169	98	152	490	24	197	96	178	490	24	205	96	178	495.5	34	240	65	222
	450×175×13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	508	26	240	110	230
Min. radius of curvature(m)		1.5				1.8				1.8				2.3							
Weight (approx.) (kg)		212(228)				284(308)				372(405)				586(630)							

Note : 양정 12mts 이상의 모델은 당사로 문의 바랍니다. In Case of lift height over 12mts, please contact us.

Ston Hoist까지는 와이어로프가 2줄입니다. 4줄 사용시는 당사로 문의 바랍니다. The number of wire rope is two falls upto Ston. In Case of using 4falls, please contact us.

## Ordinary Type

**Hoist With Motor-Driven Trolley(HN)**

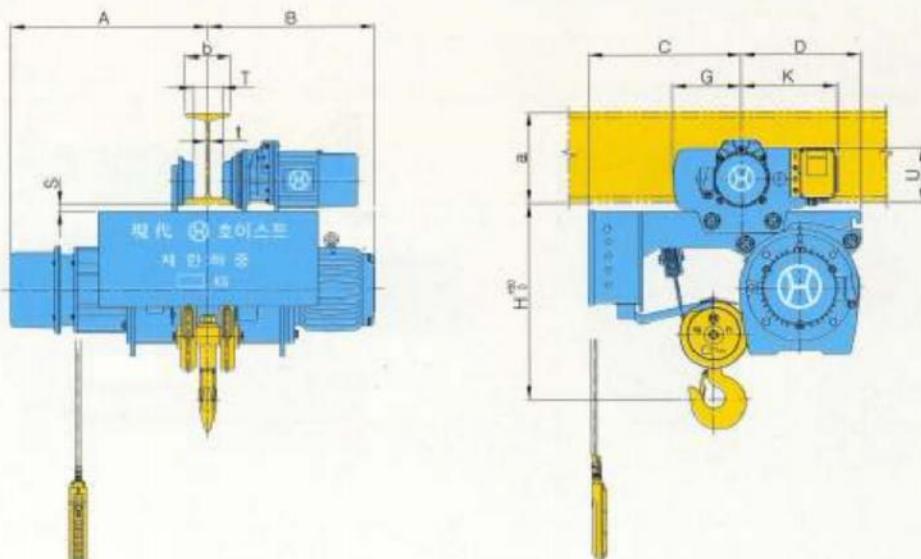
Capacity (ton)		7.5	10	15	20											
Lift Height(m)		12	12	12	12											
Hoisting Speed (m/min)	High Speed	50Hz	3.2	5	3.8											
	Speed	60Hz	3.8	6	4.5											
	Low Speed	50Hz	2.4	3.8	2.5											
	Speed	60Hz	2.9	4.5	3											
Hoisting Motor (kW×P)	High Speed	5.5×6	13×6	13×8	17×8											
	Low Speed	4.2×8	9×8	8.5×12	11.5×12											
Wire Rope	Construction	8×37	6×37	6×37	6×37											
	Dia.(mm) × no.of ropes	14×4	16×4	20×4	22.4×4											
Brake		DC magnet disc														
Traversing Speed (m/min)	High Speed	50Hz	20	13.3	12.5											
	Speed	60Hz	24	16	15											
	Low Speed	50Hz	13.3	8.3	8.3											
	Speed	60Hz	16	10	10											
Traversing Motor (kW×P)	High Speed	0.75×4(2Units)		1.5×4(2Units)	1.5×4(2Units)											
	Low Speed	0.5×6(2Units)		1×6(2Units)	1×6(2Units)											
Brake		DC magnet disc														
Dimension (approx.) (mm)	H	1460		1520	1675											
	A	961		1000	1076											
	B	852		953	1128											
	D	521		550	618											
	G	800		670	700											
	K	349		349	403.5											
	J	275		275	297.5											
I-beam and Spacing (mm)	a×b×t	C	S	F	T	U	C	S	F	T	U	C	S	F	T	U
	300×150×10	495.5	34	283	85	222	498.5	34	345	64.5	222	-	-	-	-	-
	450×175×13	508	26	283	110	230	511	26	345	89.5	230	607.5	19	400	75	249
	600×190×13	-	-	-	-	-	-	-	-	-	-	615	20	400	90	248
Min. radius of curvature(m)		For straight rails only														
Weight (approx.)(kg)		1050			1345			2030			2430					

Note : 양정 12mts 이상의 모델은 당사로 문의 바랍니다. In Case of lift height over 12mts, please contact us.

And also, in case of using curvature, please contact us.

## Low-Head Type

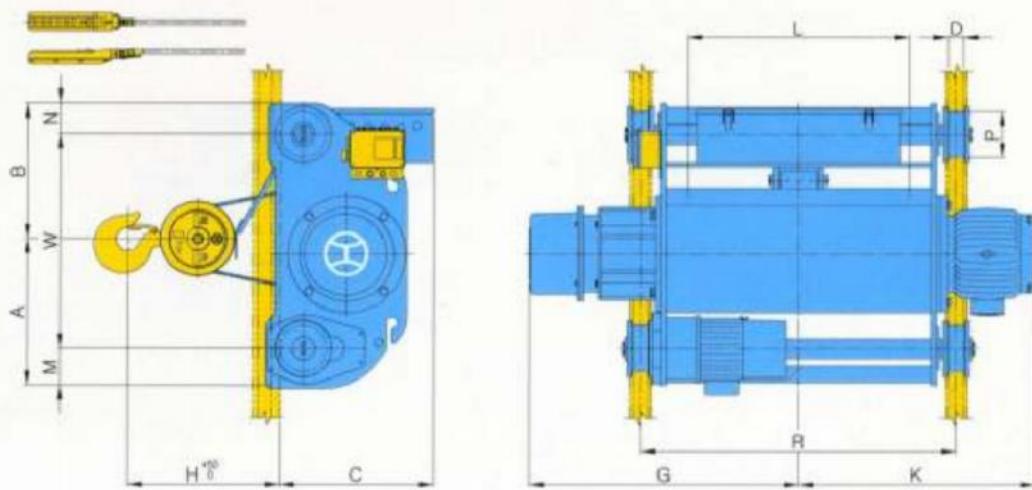
### Hoist With Motor-Driven Trolley(HL)



Capacity (ton)			1	2	2.5	3	5		
Lift Height(m)			6	6	6	6	6		
Hoist	High Speed	50Hz	10	8.3	7.5	4.7			
	High Speed	60Hz	12	10	9	5.6			
	Low Speed	50Hz	6.7	5	3.8	3.5			
	Low Speed	60Hz	8	6	4.5	4.2			
Hoisting Motor (kW×P)			High Speed	2.2×4	3.7×4	5.5×4	5.5×6		
			Low Speed	1.5×6	2.5×6	2.8×8	4.2×8		
Wire Rope	Construction		6×19	6×24	6×37	6×37			
	Dia.(mm) × no.of ropes		6×4	8×4	9×4	12.5×4			
Brake				DC magnet disc					
Traversing	High Speed	50Hz	20	20	20	20	20		
	High Speed	60Hz	24	24	24	24	24		
	Low Speed	50Hz	13.3	13.3	13.3	13.3	13.3		
	Low Speed	60Hz	16	16	16	16	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		
Brake				DC magnet disc					
Dimension (approx.) (mm)	H		480	570	585	760			
	A		564	624	647	732			
	B		479	552.5	548	623			
	C		423	432	499	578			
	D		288	375	393	465			
	G		212	225	225	275			
	K		304	314	314	349			
I-beam and Spacing (mm)			a×b×t	S T U S T U S T U S T U					
			200×100×7	35 48 144 35 46 170 35 46 170 - - -					
			250×125×7.5	33 73 146 33 71 172 33 71 172 40 60 216					
			300×150×10	27 98 152 27 96 178 27 96 178 34 85 222					
			450×175×13	- - - - - - - - - - 26 110 230					
Min. radius of curvature(m)				1.5	1.8	1.8	2.3		
Weight (approx.) (kg)				210	338	424	662		

Note : 양정 6mts 이상의 모밀 및 국선부에 사용하는 당사로 문의 바랍니다. In Case of lift height over 6mts, please contact us.  
And also, in case of using curvature, please contact us.

## Double Rail Type

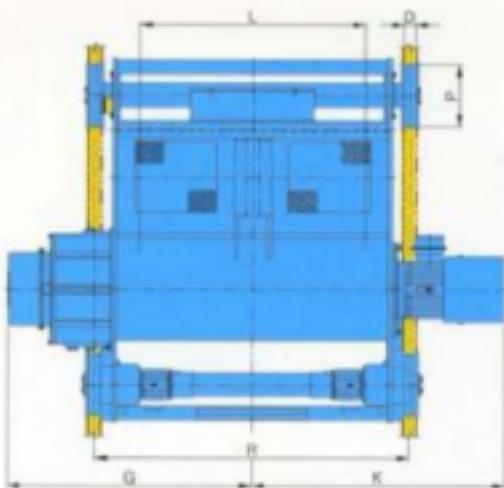
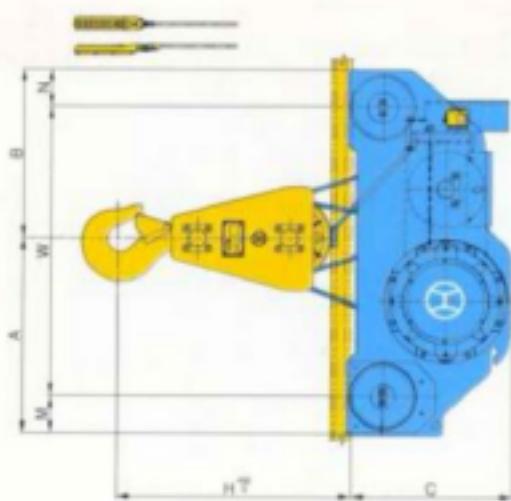
**Hoist With Motor-Driven Trolley(HD)**

Capacity (ton)		2	2.8, 3	5	7.5	10	15	20	30
Hoist	Lift Height(m)	12	12	12	12	12	12	12	12
	High Speed (m/min)	50Hz	8.3	7.5	4.7	3.2	5	3.8	3.5
		60Hz	10	9	5.6	3.8	6	4.5	4.2
	Low Speed (m/min)	50Hz	5	3.8	3.5	2.4	3.8	2.5	2.3
Traversing	Hoisting Motor (kW×P)	High Speed	3.7×4	5.5×4	5.5×6	5.5×6	13×6	13×8	17×8
		Low Speed	2.5×6	2.8×8	4.2×8	4.2×8	9×8	8.5×12	11.5×12
	Wire Rope	Construction	6×24	6×37	6×37	6×37	6×37	6×37	6×37
	Dia.(mm) × no.of ropes	8×4	9×4	12.5×4	14×4	16×4	20×4	22.4×4	22.4×6
Brake		DC magnet disc							
Traversing	Traversing Speed (m/min)	High Speed	20	20	20	20	13.3	12.5	12.5
		60Hz	24	24	24	24	16	15	15
	Low Speed	50Hz	13.3	13.3	13.3	13.3	8.3	8.3	8.3
		60Hz	16	16	16	16	10	10	10
Dimension (approx.) (mm)	Traversing Motor (kW×P)	High Speed	0.75×4	0.75×4	0.75×4	0.75×4	0.75×4	1.5×4	1.5×4
		Low Speed	0.5×6	0.5×6	0.5×6	0.5×6	0.5×6	1×6	1×6
	Brake	DC magnet disc							
	H	420	420	510	730	750	996	1175	1480
	R	950	950	1150	1150	1150	1200	1300	1800
	A	445	445	526	520	581	625	710	930
	B	410	410	474	480	509	555	615	970
	C	457	466	522	509	623	742	796	825
	G	776	811	961	961	1000	1076	1179	1439
	K	705	712	852	852	953	1128	1184	1444
	W	650	650	763	758	865	920	1000	1540
	D	47	47	47	47	58	58	58	70
	L	728	728	896	894	865	872	936	1456
	M(N)	112(93)	112(93)	135(102)	130(112)	125(100)	130(130)	185(140)	185(175)
	P	140	140	165	165	165	180	220	250
Weight (approx.) (kg)		455	524	812	940	1218	1850	2580	3950
Rail		15kg/m	15kg/m	15kg/m	15kg/m	15kg/m	22kg/m	22kg/m	30kg/m

Note : 양정 12mts 이상의 모델은 당사로 문의 바랍니다. In Case of lift height over 12mts, please contact us.

## Double Rail Type

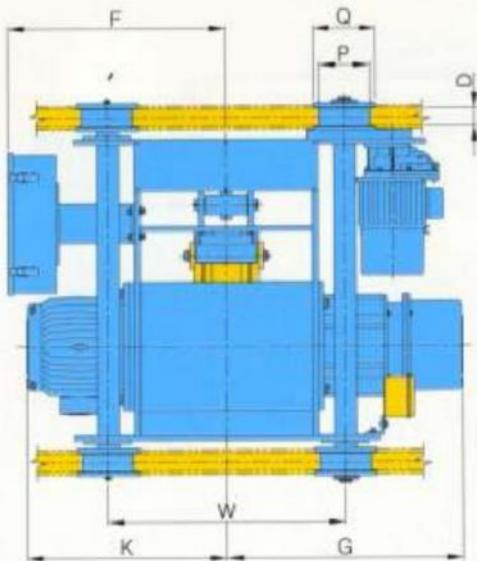
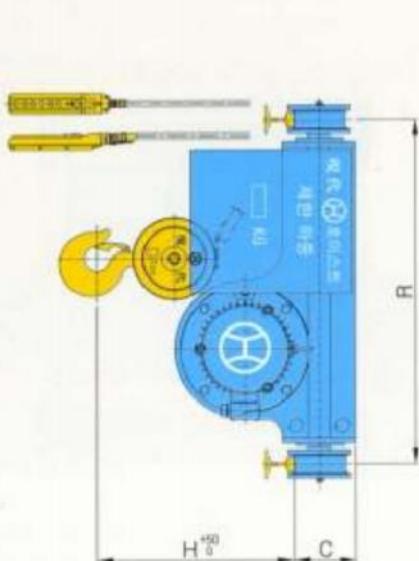
### **Hoist With Motor-Driven Trolley(HD)**



Capacity (ton)		35	40, 50	60	70
Lift Height(m)		12	12	12	12
Hoisting Speed (m/min)	50Hz	4	2.7	2	2
	60Hz	4.8	3.2	2.4	2.4
Hoisting Motor (kW×P)		33×6	33×6	33×6	33×6
Wire Rope	Construction	6×F(25)	6×F(25)	6×F(25)	6×F(25)
	Dia.(mm) × no.of ropes	28×4	28×6	28×8	28×8
Brake		DC magnet disc			
Traversing	Traversing Speed (m/min)	High Speed	12.5	12.5	12.5
		60Hz	15	15	15
		Low Speed	8.3	8.3	8.3
		50Hz	10	10	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)
Brake		DC magnet disc			
Dimension (approx.) (mm)	H	1490	1680	1780	1780
	R	1600	2300	2800	2800
	A	1025	1432	1407	1407
	B	955	1243	1268	1268
	C	1010	1180	1205	1205
	G	1455	1783	2033	2033
	K	1360	1845	2095	2095
	W	1550	2125	2075	2075
	L	1044	1648	2002	2002
	M(N)	215(215)	275(275)	300(300)	300(300)
	P	365	450	500	500
	D	70	80	80	80
Weight (approx.)(kg)		5200	7000	9000	9000
Rail		37kg/m	50kg/m	50kg/m	50kg/m

Note : 양정 12mts 이상의 모델은 당사로 문의 바랍니다. In Case of lift height over 12mts, please contact us.

## Double Special Type

**Hoist With Motor-Driven Trolley(HS)**

Capacity (ton)			2	2.8, 3	5	7.5	10	15	20		
Lift Height(m)			6	6	6	6	6	6	8		
Hoisting Speed (m/min)	High Speed	50Hz	8.3	7.5	4.7	3.2	5	3.8	3.5		
	High Speed	60Hz	10	9	5.6	3.8	6	4.5	4.2		
	Low Speed	50Hz	5	3.8	3.5	2.4	3.8	2.5	2.3		
	Low Speed	60Hz	6	4.5	4.2	2.9	4.5	3	2.8		
Hoisting Motor (kW×P)	High Speed		3.7×4	5.5×4	5.5×6	5.5×6	13×6	13×8	17×8		
	Low Speed		2.5×6	2.8×8	4.2×8	4.2×8	9×8	8.5×12	11.5×12		
Wire Rope	Construction		6×24	6×37	6×37	6×37	6×37	6×37	6×37		
	Dia.(mm) × no.of ropes		8×4	9×4	12.5×4	14×4	16×4	20×4	22.4×4		
Brake											
Traversing Speed (m/min)	High Speed		20	20	20	20	13.3	12.5	12.5		
	High Speed		24	24	24	24	16	15	15		
	Low Speed		13.3	13.3	13.3	13.3	8.3	8.3	8.3		
	Low Speed		16	16	16	16	10	10	10		
Traversing Motor (kW×P)	High Speed		0.75×4	0.75×4	0.75×4	0.75×4	0.75×4	1.5×4	1.5×4		
	Low Speed		0.5×6	0.5×6	0.5×6	0.5×6	0.5×6	1.0×6	1.0×6		
Brake											
Dimension (approx.) (mm)	H		495	495	525	890	935	1250	1460		
	R		950	950	1150	1150	1150	1500	1700		
	C		180	180	202.5	202.5	208	235	270		
	G		624	647	732	732	815	901	1049		
	K		553	548	623	623	768	953	1054		
	F		610	598	631	631	700	835	919		
	W		694	650	772	772	838	950	1200		
	D		47	47	47	47	58	58	58		
	Q		170	170	195	195	195	210	250		
	P		140	140	165	165	165	180	220		
Weight (approx.) (kg)			420	535	760	890	1178	1680	2500		
Rail			15kg/m	15kg/m	15kg/m	15kg/m	15kg/m	22kg/m	22kg/m		

Note : 양정 6mts 이상의 모델은 당사로 문의 바랍니다. In Case of lift height over 6mts, please contact us.



[ The Best support for the best product ]

## CREEP HOIST

### 작업능률을 향상시킵니다.

INCHING 없이 정위치에 확실히 운반물을 착상시킬 수 있으며, 운반물을 운반시에는 고속으로, 정밀한 작업시에는 미속으로 할 수 있으므로 운반물의 OVERRUN이 없으며 안전하고 고능률적입니다.

### 안전작업이 약속됩니다.

단거리 승강도 정숙하게 확실히 되므로 사고가 방지됩니다. 또한 고속, 미속의 교환 이 충격없이 서서히 변화됩니다. 2단 PUSH BUTTON SWITCH의 작동은 살짝 누르면 미속, 세게 누르면 고속이 되므로 잘못 조작사용시에도 위험이 없습니다.

### 운반물에 손상을 주지 않습니다.

정지 희망위치를 지나치거나, 모자리거나 충격으로 착상하는 일은 전혀 없으므로 정밀가공품이라도 손상시키는 일은 없습니다.

### INCREASE OF OPERATION EFFICIENCY

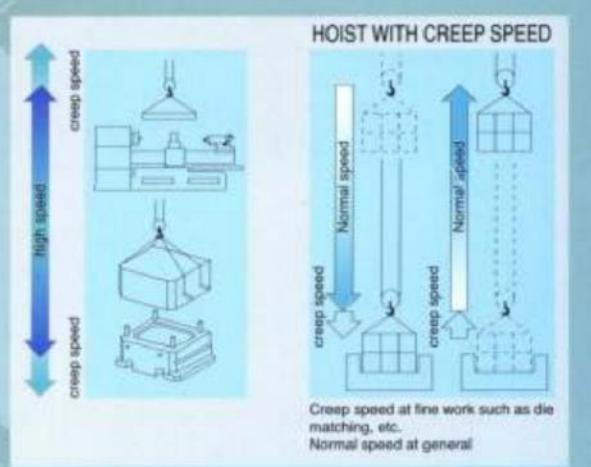
The speed is freely changeable with push buttons by creep speed through high speed. The hoisting load is securely and efficiently stopped and unloaded.

### SAFETY DESIGN

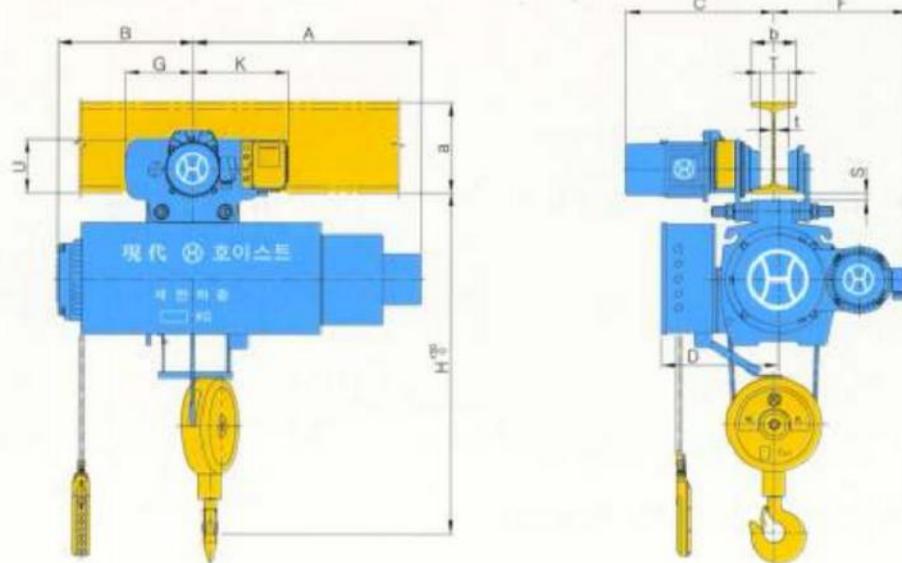
Two motors of creep speed and high speed are provided. The creep speed selected by 2nd level pushed button and the high speed by 1st level pushed button. Even if the load is hoisted for a short distance, it is stably and smoothly.

### 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.



## Ordinary Type

**Creep Hoist With Motor-Driven Trolley(HM)**

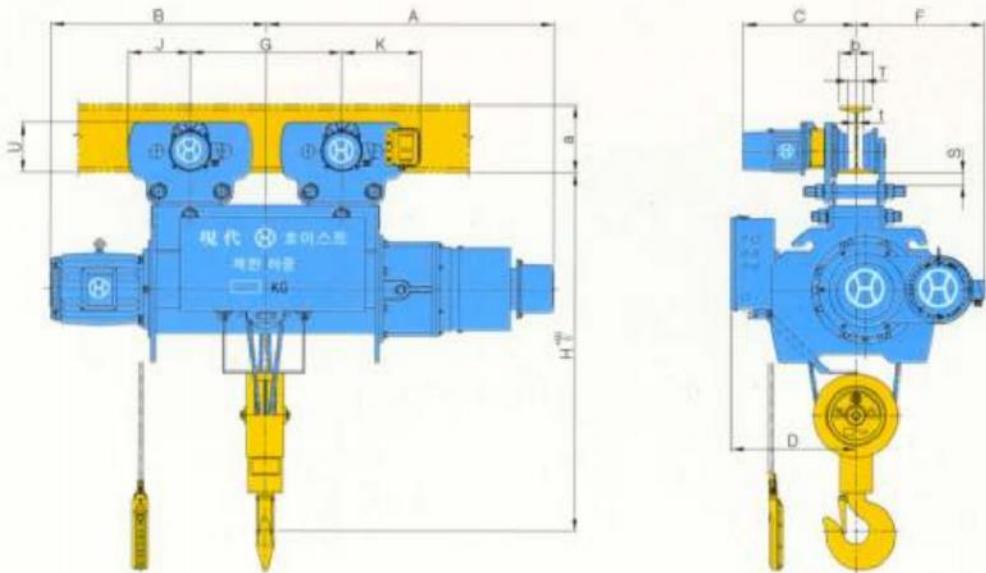
Capacity (ton)		1	2	2.8, 3	5
Hoist	Lift Height(m)	6(12)	6(12)	6(12)	6(12)
	Hoisting Speed (m/min)	50Hz	10/1	8.3/0.83	7.5/0.75
	High/Creep	60Hz	12/1.2	10/1	9/0.9
	Hoisting Motor (kW×P)	High/Creep	2.2/0.4×4	3.7/0.4×4	5.5/1.1×4
	Wire Rope	Construction	6×24	6×37	6×37
	Dia.(mm) × no.of ropes	8×2	10×2	12.5×2	16×2
Traversing	Brake		DC magnet disc		
	High Speed	50Hz	20	20	20
	Speed	60Hz	24	24	24
	Low Speed	50Hz	13.3	13.3	13.3
	Speed	60Hz	16	16	16
	Dual Speed	50Hz	13.3/6.7	13.3/6.7	13.3/6.7
	Traversing Motor (kW×P)	60Hz	16/8	16/8	16/8
	Brake	DC magnet disc			
Dimension (approx.) (mm)	H	815	960	1115	1325
	A	588(636)	630(680)	754(804)	836(886)
	B	492(531)	544(581)	560(598)	640(673)
	D	303	330	388	415
	G	212	225	225	275
	K	304	314	314	349
I-beam and Spacing (mm)	a×b×t	C S F T U	C S F T U	C S F T U	C S F T U
	200×100×7	454.5 35 383 48 144	465 32 419 46 170	465 32 432 46 170	- - - - -
	250×125×7.5	467 33 383 73 146	478 30 419 71 172	478 30 432 71 172	483 40 459 60 216
	300×150×10	479.5 27 383 98 152	490 24 419 96 178	490 24 432 96 178	495.5 34 459 85 222
	450×175×13	- - - - -	- - - - -	- - - - -	508 26 459 110 230
Min. radius of curvature(m)		1.5		1.8	
Weight (approx.) (kg)		296(288)		378(378)	
				508(510)	
				730(738)	

Note : 양정 12mts 이상의 모델은 당사로 문의 바랍니다. In Case of lift height over 12mts, please contact us.

5ton Hoist까지는 와이어로프가 2줄입니다. 4줄 사용시는 당사로 문의 바랍니다. The number of wire rope is two falls upto 5ton. In Case of using 4falls, please contact us.

## Ordinary Type

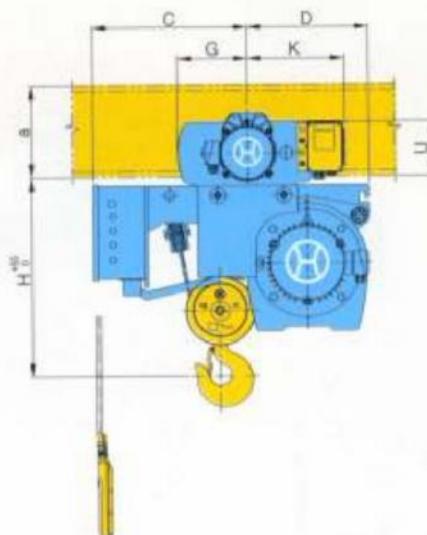
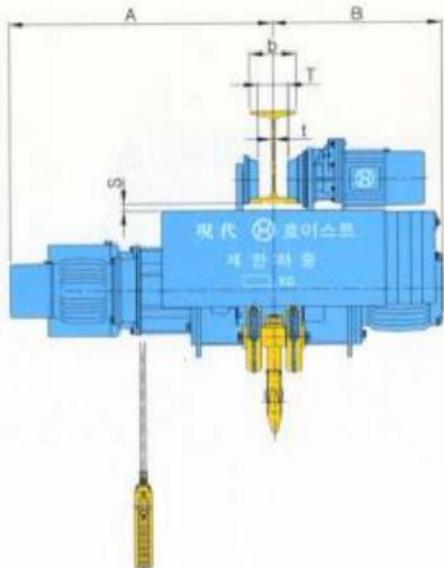
### Creep Hoist With Motor-Driven Trolley(HM)



Capacity (ton)		7.5	10	15	20											
Hoist	Lift Height(m)	12	12	12	12											
	Hoisting Speed (m/min)	50Hz	3.2/0.32	3.8/0.38	3.8/0.38											
	High/Creep	60Hz	3.8/0.38	4.5/0.45	4.5/0.45											
	Hoisting Motor (kW×P)	High/Creep	5.5/1×6	9/1.1×8	13/1.8×8											
	Wire Rope	Construction	6×37	6×37	6×37											
Traversing	Dia.(mm) × no.of ropes	14×4	16×4	20×4	22.4×4											
	Brake	DC magnet disc														
	Traversing Speed (m/min)	High Speed	20	13.3	12.5											
		60Hz	24	16	15											
		Low Speed	13.3	8.3	8.3											
		60Hz	16	10	10											
		Dual Speed	13.3/6.7	13.3/6.7	12.5/6.25											
	Traversing Motor (kW×P)	50Hz	16/8	16/8	15/7.5											
		High Speed	0.75×4(2Units)	0.75×4(2Units)	1.5×4(2Units)											
		Low Speed	0.5×6(2Units)	0.5×6(2Units)	1×6(2Units)											
	Dual Speed		0.8/0.4×4/8(2Units)	0.8/0.4×4/8(2Units)	1.5/0.75×4/8(2Units)											
	Brake	DC magnet disc														
Dimension (approx.) (mm)	H	1460		1520	1875											
	A	1165		1276	1371											
	B	852		953	1128											
	D	521		550	618											
	G	800		670	700											
	K	349		349	403.5											
	J	275		275	297.5											
I-beam and Spacing (mm)	a×b×t	C	S	F	T	U	C	S	F	T	U	C	S	F	T	U
	300×150×10	495.5	34	464	85	222	488.5	34	545	64.5	222	—	—	—	—	—
	450×175×13	508	26	464	110	230	511	26	545	89.5	230	607.5	19	400	75	249
	600×190×13	—	—	—	—	—	—	—	—	—	—	615	20	400	90	248
Min. radius of curvature(m)		For straight rails only														
Weight (approx.) (kg)		1180			1440			2180			2620					

Note : 양정 12mts 이상의 모델은 당시로 문의 바랍니다. In Case of lift height over 12mts, please contact us.

## Low-Head Type

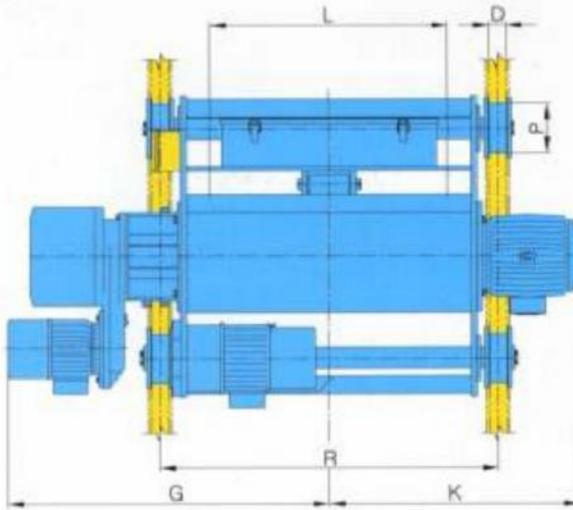
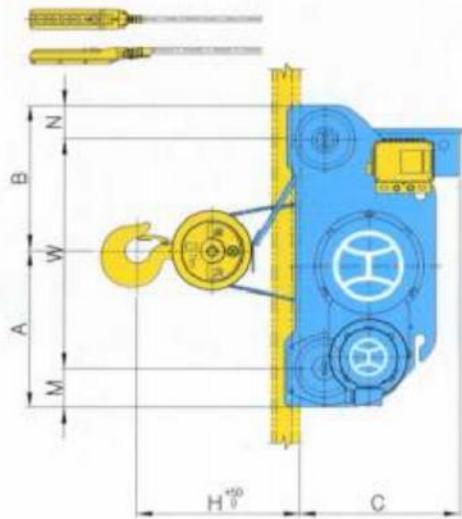
**Creep Hoist With Motor-Driven Trolley(HR)**

Capacity (ton)		1	2	2.5	5
Hoist	Lift Height(m)	6	6	6	6
	Hoisting Speed (m/min)	50Hz	10/1	8.3/0.83	7.5/0.75
	High/Creep	60Hz	12/1.2	10/1	9/0.9
	Hoisting Motor (kW×P)	High/Creep	2.2/0.4×4	3.7/0.4×4	5.5/1.1×4
	Wire Rope	Construction	6×19	6×24	6×37
	Dia.(mm) × no.of ropes	6×4	8×4	9×4	12.5×4
Traversing	Brake		DC magnet disc		
	High Speed	50Hz	20	20	20
	Speed	60Hz	24	24	24
	Traversing Speed (m/min)	Low Speed	50Hz	13.3	13.3
		60Hz	16	16	16
	Traversing Motor (kW×P)	Dual Speed	50Hz	13.3/6.7	13.3/6.7
Dimension (approx.) (mm)	High Speed	60Hz	16/8	16/8	16/8
			0.75×4	0.75×4	0.75×4
	Traversing Motor (kW×P)	Low Speed	0.5×6	0.5×6	0.5×6
		Dual Speed	0.8/0.4×4/8	0.8/0.4×4/8	0.8/0.4×4/8
	Brake		DC magnet disc		
	H		480	570	620
I-beam and Spacing (mm)	A		688	752	854
	B		479	562.5	548
	C		423	432	504
	D		288	375	393
	G		212	225	225
	K		304	314	314
a×b×t		S	T	U	S
200×100×7		35	48	144	35
250×125×7.5		33	73	146	33
300×150×10		27	98	152	27
450×175×13		—	—	—	—
Min. radius of curvature(m)		1.5		1.8	
Weight (approx.)(kg)		332		498	
				622	
				810	

Note : 양정 6mts 이상의 모델은 당사로 문의 바랍니다. In Case of lift height over 6mts, please contact us.

## Double Rail Type

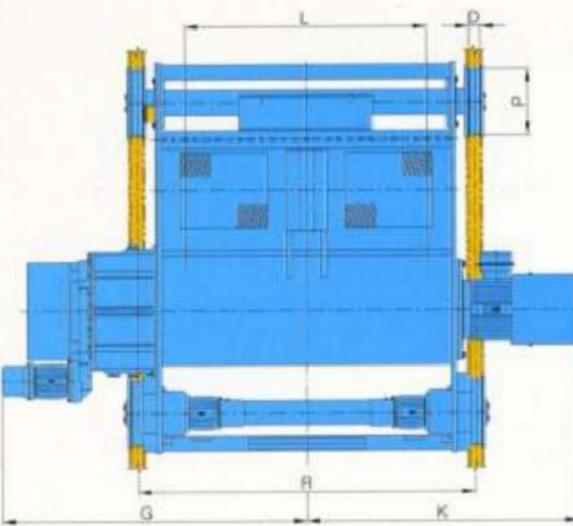
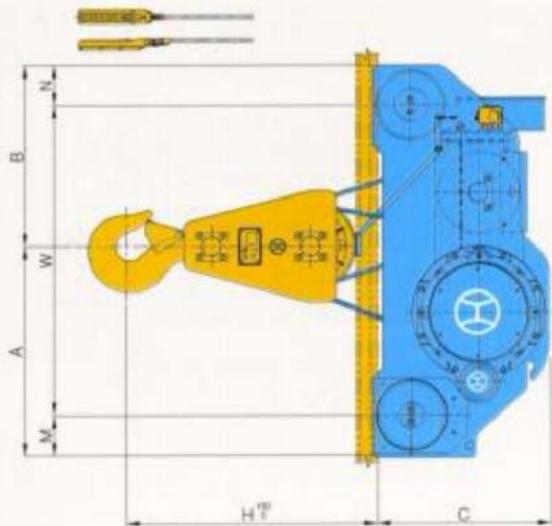
### Creep Hoist With Motor-Driven Trolley(HC)



	Capacity (ton)		2	2.8, 3	5	7.5	10	15	20	30
Host	Lift Height(m)		12	12	12	12	12	12	12	12
	Hoisting Speed (m/min)	50Hz	8.3/0.83	7.5/0.75	4.7/0.47	3.2/0.32	3.8/0.38	3.8/0.38	3.5/0.35	2.3/0.23
		60Hz	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	2.8/0.28
	Hoisting Motor (kW×P)	High/Creep	3.7/0.4×4	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	6×24	6×37	6×37	6×37	6×37	6×37	6×37	6×37
		Dia.(mm) × no.of ropes	8×4	9×4	12.5×4	14×4	16×4	20×4	22.4×4	22.4×6
	Brake				DC magnet disc					
Traversing	Traversing Speed (m/min)	High Speed	50Hz	20	20	20	20	13.3	12.5	12.5
		60Hz	24	24	24	24	16	15	15	15
		Low Speed	50Hz	13.3	13.3	13.3	13.3	8.3	8.3	8.3
		60Hz	16	16	16	16	10	10	10	10
	Traversing Motor (kW×P)	Dual Speed	50Hz	13.3/6.7	13.3/6.7	13.3/6.7	13.3/6.7	12.5/6.25	12.5/6.25	12.5/6.25
		60Hz	16/8	16/8	16/8	16/8	16/8	15/7.5	15/7.5	15/7.5
		High Speed	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	1×6	1×6	1×6	1×6(2Units)
		Dual Speed	0.8/0.4×4/8	0.8/0.4×4/8	0.8/0.4×4/8	0.8/0.4×4/8	0.8/0.4×4/8	1.5/0.75×4/8	1.5/0.75×4/8	1.5/0.75×4/8
	Brake				DC magnet disc					
Dimension (approx.) (mm)	H		420	420	510	730	750	995	1175	1480
	R		950	950	1150	1150	1150	1200	1300	1800
	A		445	445	526	520	581	625	710	930
	B		410	410	474	480	509	555	615	970
	C		457	526	583	570	623	742	796	825
	G		904	1018	1165	1165	1276	1371	1495	1755
	K		705	712	852	852	953	1128	1184	1444
	W		650	650	763	758	865	920	1000	1540
	D		47	47	47	47	58	58	58	70
	L		728	724	896	894	865	872	936	1456
	M(N)		112(93)	112(93)	135(102)	130(112)	125(100)	130(130)	185(140)	185(175)
	P		140	140	165	165	165	180	220	250
Weight (approx.) (kg)			525	630	920	1076	1370	2010	2770	4120
Rail			15kg/m	15kg/m	15kg/m	15kg/m	15kg/m	22kg/m	22kg/m	30kg/m

Note : 양정 12mts 이상의 모델은 당사로 문의 바랍니다. In Case of lift height over 12mts, please contact us.

## Double Rail Type

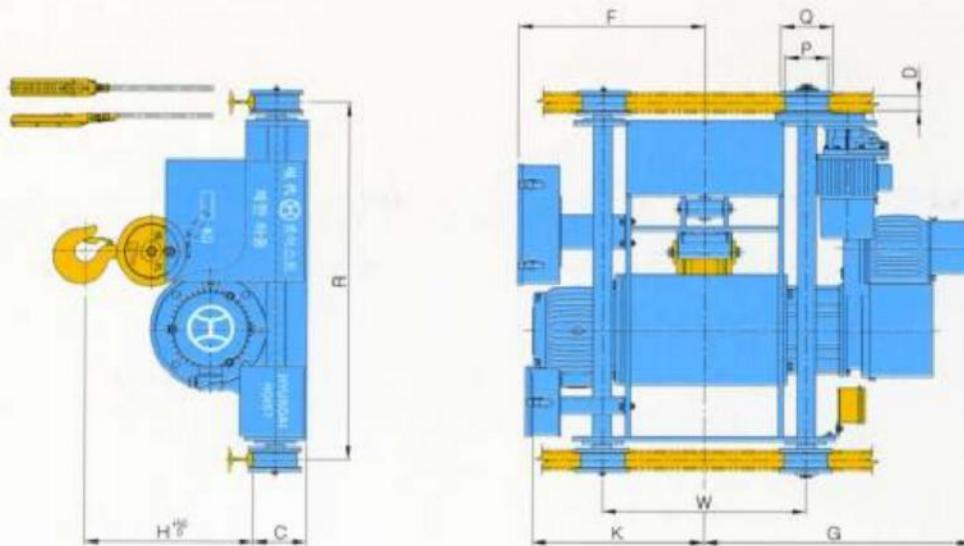
**Creep Hoist With Motor-Driven Trolley(HC)**

Capacity (ton)		35	40.50	60	70
Lift Height(m)		12	12	12	12
Hoisting Speed (m/min)	50Hz	4/0.4	2.7/0.27	2/0.2	2/0.2
	60Hz	4.8/0.48	3.2/0.32	2.4/0.24	2.4/0.24
Hoisting Motor (kW×P)		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.(mm)×no.of ropes	28×4	28×6	28×8	28×8
Brake		DC magnet disc			
Traversing	High Speed	50Hz	12.5	12.5	12.5
	Speed	60Hz	15	15	15
	Low Speed	50Hz	8.3	8.3	8.3
	Speed	60Hz	10	10	10
	Dual Speed	50Hz	12.5/6.25	12.5/6.25	12.5/6.25
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)
	Dual Speed	2.2/1.1×4/8	2.2/1.1×4/8(2Units)	2.2/1.1×4/8(2Units)	2.2/1.1×4/8(2Units)
Brake		DC magnet disc			
Dimension (approx.) (mm)	H	1490	1680	1780	1780
	R	1600	2300	2800	2800
	A	1025	1432	1407	1407
	B	955	1243	1268	1268
	C	1010	1180	1205	1205
	G	1735	2065	2315	2315
	K	1360	1845	2095	2095
	W	1550	2125	2075	2075
	L	1044	1648	2002	2002
	M(N)	215(215)	275(275)	300(300)	300(300)
	P	355	450	500	500
	D	70	80	80	80
Weight (approx.) (kg)		5400	7200	9200	9200
Rail		37kg/m	50kg/m	50kg/m	50kg/m

Note : 양정 12mts 이상의 모델은 당사로 문의 바랍니다. In Case of lift height over 12mts, please contact us.

## Double Special Type

### Creep Hoist With Motor-Driven Trolley(HT)



Capacity (ton)		2	2.8.3	5	7.5	10	15	20
Lift Height(m)		6	6	6	6	6	6	8
Hoisting Speed(m/min)	50Hz	8.3/0.83	7.5/0.75	4.7/0.47	3.2/0.32	3.8/0.38	3.8/0.38	3.5/0.35
High/Creep	60Hz	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(kW×P)	High/Creep	3.7/0.4×4	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
Wire Rope	Construction	6×24	6×37	6×37	6×37	6×37	6×37	6×37
	Dia.(mm) × no.of ropes	8×4	9×4	12.5×4	14×4	16×4	20×4	22.4×4
Brake		DC magnet disc						
Traversing	High Speed	50Hz	20	20	20	13.3	12.5	12.5
	60Hz	24	24	24	24	16	15	15
	Low Speed	50Hz	13.3	13.3	13.3	8.3	8.3	8.3
	60Hz	16	16	16	16	10	10	10
Traversing Motor (kW×P)	Dual Speed	50Hz	13.3/6.7	13.3/6.7	13.3/6.7	13.3/6.7	12.5/6.25	12.5/6.25
	60Hz	16/8	16/8	16/8	16/8	16/8	15/7.5	15/7.5
	High Speed	0.75×4	0.75×4	0.75×4	0.75×4	0.75×4	1.5×4	1.5×4
Dimension (approx.) (mm)	Low Speed	0.5×6	0.5×6	0.5×6	0.5×6	0.5×6	1×6	1×6
	Dual Speed	0.8/0.4×4/8	0.8/0.4×4/8	0.8/0.4×4/8	0.8/0.4×4/8	0.8/0.4×4/8	1.5/0.75×4/8	1.5/0.75×4/8
	Brake	DC magnet disc						
		H	495	495	525	890	935	1250
		R	950	950	1150	1150	1150	1500
		C	180	180	202.5	202.5	208	235
		G	752	854	936	936	1091	1196
		K	553	548	623	623	768	953
		F	610	598	631	631	700	835
		W	694	650	772	772	838	950
		D	47	47	47	47	58	58
		Q	170	170	195	195	195	210
		P	140	140	165	165	165	180
Weight (approx.)(kg)		490	640	865	1020	1330	1850	2690
Rail		15kg/m	15kg/m	15kg/m	15kg/m	15kg/m	22kg/m	22kg/m

Note : 양정 6mts 이상의 모델은 당사로 문의 바랍니다. In Case of lift height over 6mts, please contact us.



[ From the functional component to high precision technology ]



## MAIN & AUX

주권 및 보권으로 구성된 쌍동이 호이스트로, 동일한 트롤리 위에 안착되어 있습니다.  
주권, 보권 용량별로 다양한 제품을 선택할 수 있습니다.

### 작업능률을 향상시킵니다.

작업조건에 따라 주권, 보권을 동시 또는 따로 작업 하므로 작업능률이 향상됩니다.

### 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.

### ENHANCING JOB EFFICIENCY

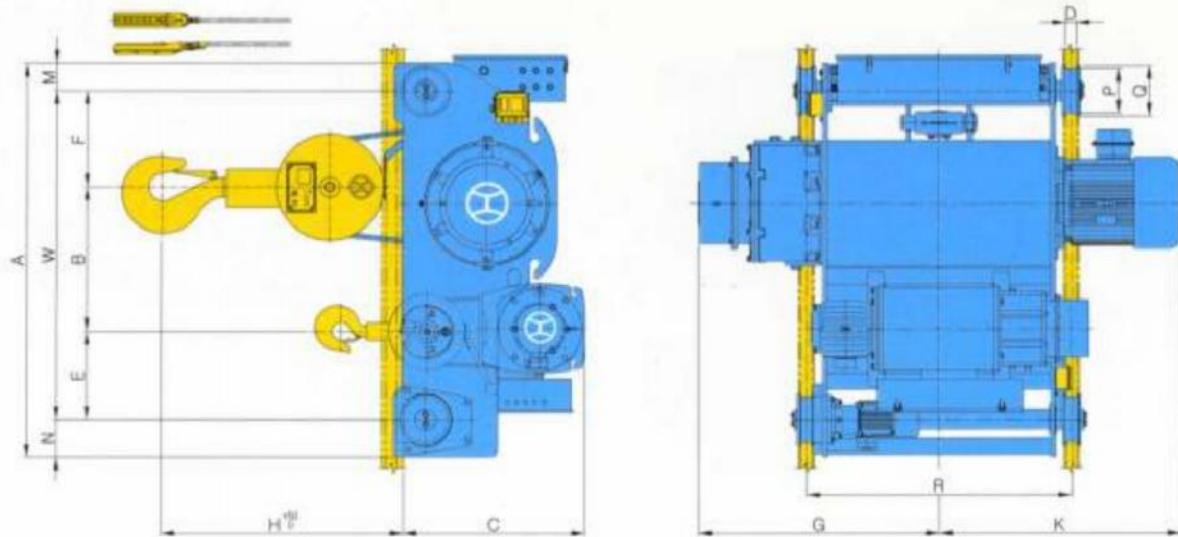
It is possible to enhance job efficiency operating individually or simultaneously Main hoist & Aux. hoist as per job condition.

### MINIMIZING LOSS OF ELECTRIC POWER

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

## Main & Aux Type

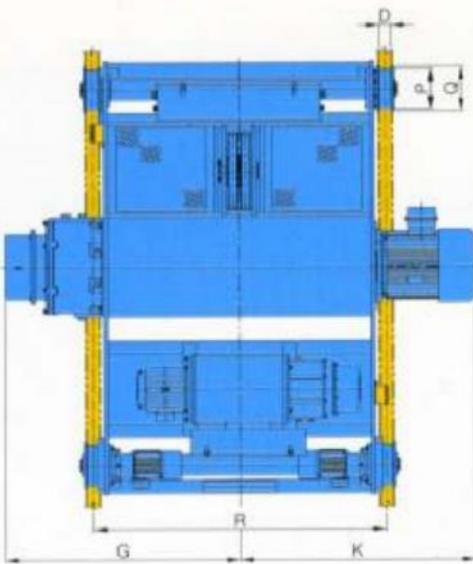
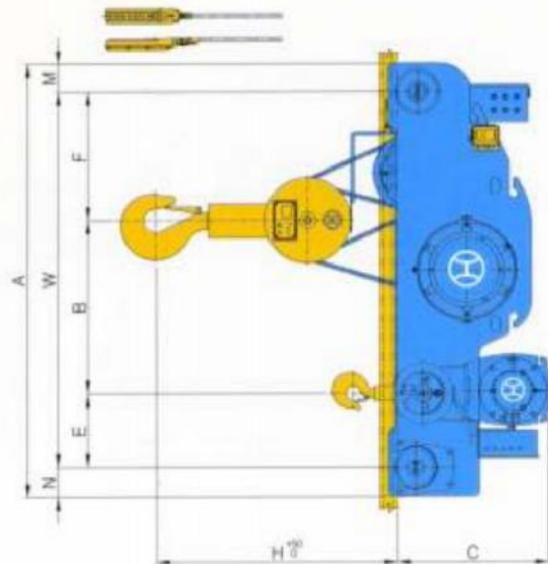
### **Hoist With Motor-Driven Trolley(HP)**



Capacity (ton)		7.5/3		10/5		15/5	
Lift Height(m)		12		12		12	
Hoist	Hoisting Speed (m/min)	High Speed	50Hz	3.2	7.5	5	4.7
			60Hz	3.8	9	6	5.6
		Low Speed	50Hz	2.4	3.8	3.8	2.5
			60Hz	2.9	4.5	4.5	3
Traversing	Hoisting Motor (kW×P)	High Speed		5.5×6	5.5×4	13×6	5.5×6
		Low Speed		4.2×8	2.8×8	9×8	4.2×8
	Wire Rope	Construction		6×37	6×37	6×37	6×37
		Dia.(mm) × no.of ropes		14×4	12.5×2	16×4	16×2
Brake		DC magnet disc					
Traversing	Traversing Speed (m/min)	High Speed	50Hz	20	13.3	12.5	
			60Hz	24	16	15	
		Low Speed	50Hz	13.3	8.3	8.3	
			60Hz	16	10	10	
Dimension (approx.) (mm)	Traversing Motor (kW×P)	High Speed		0.75×4	0.75×4	1.5×4	
		Low Speed		0.5×6	0.5×6	1×6	
	Brake	DC magnet disc					
	H	730	330	750	400	995	325
	R	1150		1150		1200	
	A	1570		1725		1860	
	B	571		675.5		745	
	E	389		415.5		430	
	F	368		409		425	
	C	690		797.5		870	
	G	961		1000		1076	
	K	852		953		1128	
	W	1328		1500		1600	
	D	47		58		58	
	N	130		125		130	
	M	112		100		130	
	P	165		165		180	
	Q	195		195		210	
Weight (approx.) (kg)		1350		1845		2470	
Rail		15kg/m		15kg/m		22kg/m	

Note : 양정 12mts 이상의 모델은 당사로 문의 바랍니다. In Case of lift height over 12mts, please contact us.

## Main &amp; Aux Type

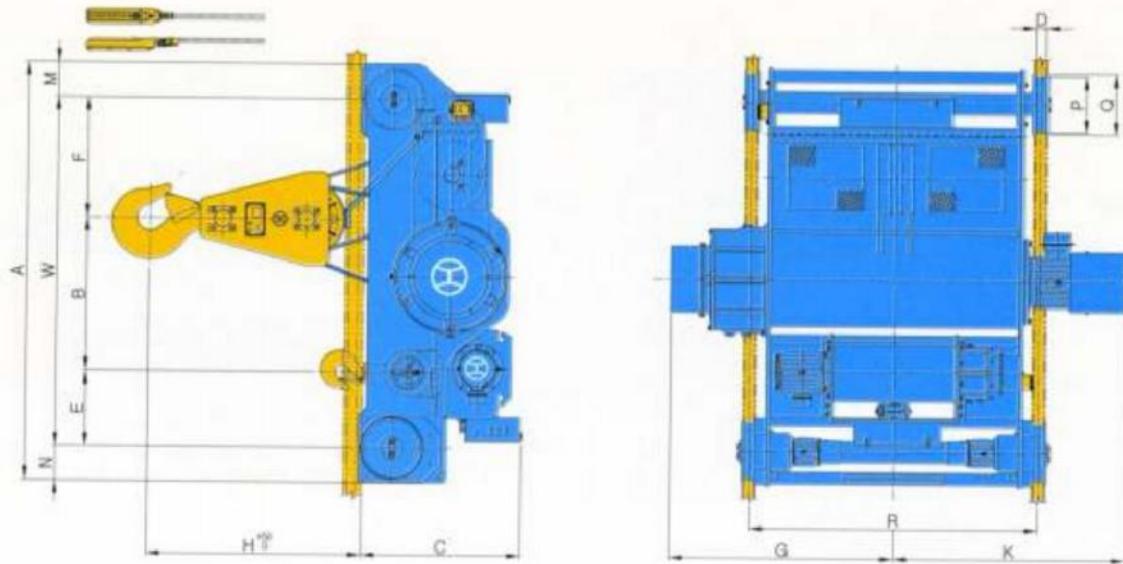
**Hoist With Motor-Driven Trolley(HP)**

Capacity (ton)			20/5		30/5		30/10	
Lift Height(m)			12		12		12	
Hoist	Hoisting Speed (m/min)	High Speed	50Hz	3.5	4.7	2.3	4.7	2.3
		60Hz	4.2	5.6	2.8	5.6	2.8	6
	Hoisting Motor (kW×P)	High Speed	17×8	5.5×6	17×8	5.5×6	17×8	13×6
		Low Speed	11.5×12	4.2×8	11.5×12	4.2×8	11.5×12	9×8
Traversing	Wire Rope	Construction	6×37	6×37	6×37	6×37	6×37	6×37
		Dia.(mm) × no.of ropes	22.4×4	16×2	22.4×6	16×2	22.4×6	16×4
	Brake	DC magnet disc						
	Traversing Speed (m/min)	High Speed	50Hz	12.5	12.5	12.5	12.5	12.5
Dimensions		60Hz		15	15	15	15	15
	Traversing Motor (kW×P)	Low Speed	50Hz	8.3	8.3	8.3	8.3	8.3
		60Hz		10	10	10	10	10
	Brake	DC magnet disc						
Dimension (approx.) (mm)	H		1175	300	1480	275	1480	340
	R				1800		1800	
	A		1950		2680		2730	
	B		715		1070		1025	
	E		435		455		550	
	F		475		795		795	
	C		890		925		1070	
	G		1179		1439		1439	
	K		1184		1444		1444	
	W		1625		2320		2370	
	D		58		70		70	
	N		185		185		185	
	M		140		175		175	
	P		220		250		250	
	Q		250		280		280	
Weight (approx.) (kg)			3200		4650		4950	
Rail			22kg/m		30kg/m		30kg/m	

Note : 양정 12mts 이상의 모델은 당시로 문의 바랍니다. In Case of lift height over 12mts, please contact us.

## Main & Aux Type

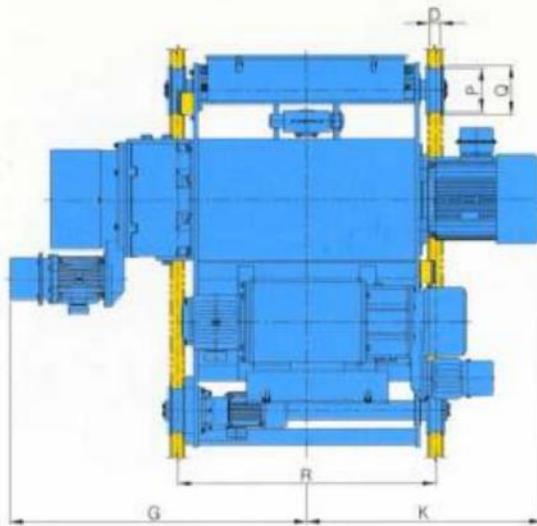
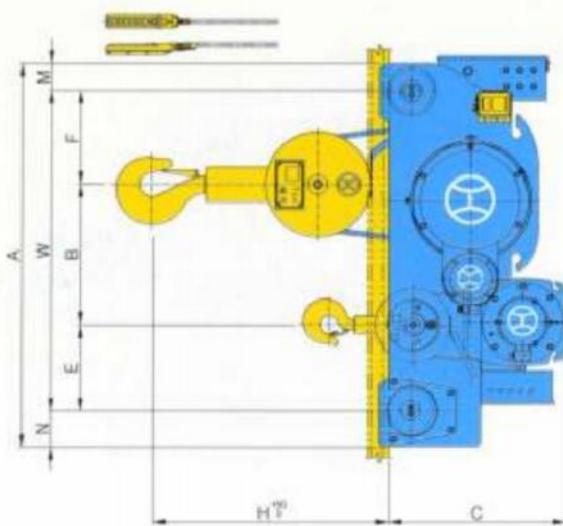
### Hoist With Motor-Driven Trolley(HP)



Capacity (ton)		35/7.5		50/10		60/20		70/20	
Lift Height(m)		12		12		12		12	
Hoist	Hoisting Speed (m/min)	High Speed	50Hz	4	3.2	2.7	5	2	3.5
		60Hz		4.8	3.8	3.2	6	2.4	4.2
		Low Speed	50Hz		2.4		3.7		2.3
		60Hz			2.9		4.5		2.8
Traversing	Hoisting Motor (kW×P)	High Speed	33×6	5.5×6	33×6	13×6	33×6	17×8	33×6
		Low Speed		4.2×8		9×8		11.5×12	11.5×12
	Wire Rope	Construction	6×F(25)	6×37	6×F(25)	6×37	6×F(25)	6×37	6×37
		Dia.(mm) × no.of ropes	28×4	14×4	28×6	16×4	28×8	22.4×4	28×8
Brake		DC magnet disc							
Traversing	Traversing Speed (m/min)	High Speed	50Hz	12.5		12.5		12.5	
		60Hz		15		15		15	
		Low Speed	50Hz	8.3		8.3		8.3	
		60Hz		10		10		10	
Dimension (approx.) (mm)	Traversing Motor (kW×P)	High Speed		2.2×4		2.2×4(2Units)		2.2×4(2Units)	
		Low Speed		1.5×6		1.5×6(2Units)		1.5×6(2Units)	
	Brake					DC magnet disc			
		H	1490	420	1680	250	1780	310	1780
Dimension (approx.) (mm)		R	1600		2300		2800		2800
		A	2830		3350		3525		3525
		B	1100		1227		1307		1307
		E	560		605		650		650
		F	740		968		968		968
		C	1333		1279		1686		1686
		G	1455		1784		2033		2033
		K	1360		1845		2095		2095
		W	2400		2800		2925		2925
		D	70		80		80		80
		N	215		275		300		300
		M	215		275		300		300
		P	355		450		450		500
		Q	395		490		490		540
Weight (approx.) (kg)			6100		8200		11080		11080
Rail			37kg/m		50kg/m		50kg/m		50kg/m

Note : 양정 12mts 이상의 모델은 담사로 문의 바랍니다. In Case of lift height over 12mts, please contact us.

## Main &amp; Aux Creep Type

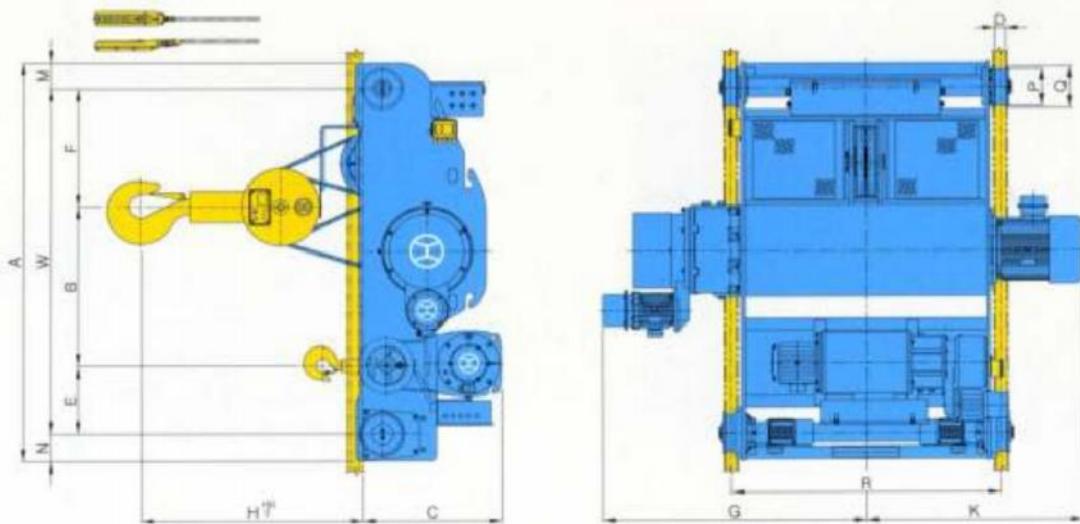
**Hoist With Motor-Driven Trolley(HQ)**

Capacity (ton)		7.5/3		10/5		15/5	
	Lift Height(m)		12		12		12
Hoist	Hoisting Speed(m/min)	50Hz	3.2/0.32	7.5/0.75	3.8/0.38	4.7/0.47	3.8/0.38
	High/Creep	60Hz	3.8/0.38	9/0.9	4.5/0.45	5.6/0.56	4.5/0.45
Wire Rope	Hoisting Motor(kW×P)	High/Creep	5.5/1×6	5.5/1.1×4	9/1.1×8	5.5/1×6	13/1.8×8
	Construction		6×37	6×37	6×37	6×37	6×37
Traversing	Dia.(mm) × no.of ropes		14×4	12.5×2	16×4	16×2	20×4
	Brake				DC magnet disc		
Traversing	Traversing Speed(m/min)	High Speed	50Hz	20	13.3		12.5
		60Hz		24	16		15
Traversing Motor(kW×P)	Low Speed	50Hz		13.3	8.3		8.3
		60Hz		16	10		10
Dimension(approx.) (mm)	High Speed			0.75×4	0.75×4		1.5×4
	Low Speed			0.5×6	0.5×6		1×6
Brake				DC magnet disc			
Dimension(approx.) (mm)	H	730	330	750	400	995	325
	R		1150		1150		1200
	A		1570		1725		1860
	B		571		675.5		745
	E		389		415.5		430
	F		368		409		425
	C		690		797.5		870
	G		1165		1276		1371
	K		862		963		1128
	W		1328		1500		1600
	D		47		58		58
	N		130		125		130
	M		112		100		130
	P		165		165		180
	Q		195		195		210
Weight (approx.)(kg)		1590		2208		2740	
Rail		15kg/m		15kg/m		22kg/m	

Note : 양정 12mts 이상의 모델은 당사로 문의 바랍니다. In Case of lift height over 12mts, please contact us.

## Main & Aux Creep Type

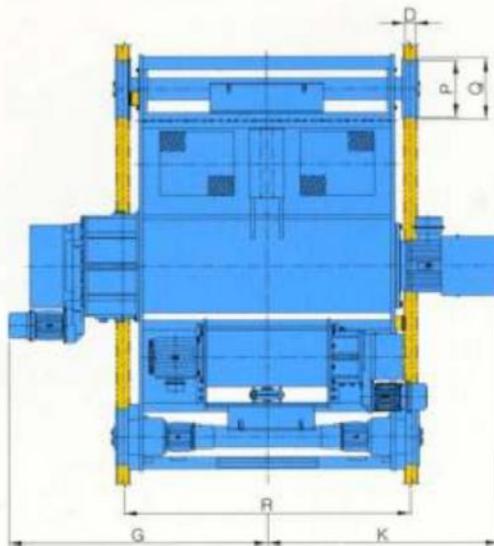
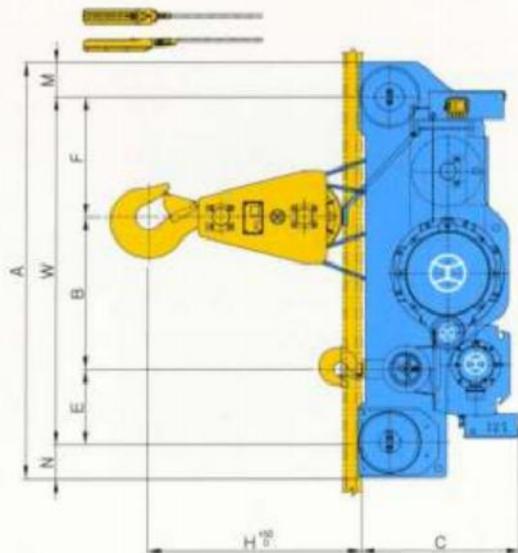
### Hoist With Motor-Driven Trolley(HQ)



Capacity (ton)		20/5		30/5		30/10	
Hoist	Lift Height(m)		12		12		12
	Hoisting Speed(m/min)	50Hz	3.5/0.35	4.7/0.47	2.3/0.23	4.7/0.47	2.3/0.23
	High/Creep	60Hz	4.2/0.42	5.6/0.56	2.8/0.28	5.6/0.56	2.8/0.28
	Hoisting Motor(kW×P)	High/Creep	17/1.8×8	5.5/1×6	17/1.8×8	5.5/1×6	17/1.8×8
	Wire Rope	Construction	6×37	6×37	6×37	6×37	6×37
	Dia.(mm) × no.of ropes	22.4×4	16×2	22.4×6	16×2	22.4×6	16×4
	Brake			DC magnet disc			
Traversing	Traversing Speed (m/min)	High	50Hz	12.5		12.5	
		Speed	60Hz	15		15	
	Traversing Motor (kW×P)	Low	50Hz	8.3		8.3	
		Speed	60Hz	10		10	
Dimension (approx.) (mm)	High Speed		1.5×4(2Units)		1.5×4(2Units)		
	Low Speed		1×6(2Units)		1×6(2Units)		
	Brake		DC magnet disc				
	H	1175	300	1480	275	1480	340
	R	1300		1800		1800	
	A	1950		2680		2730	
	B	715		1070		1025	
	E	435		455		550	
	F	475		795		795	
	C	890		925		1070	
	G	1495		1755		1755	
	K	1184		1444		1444	
	W	1625		2320		2370	
	D	58		70		70	
	N	185		185		185	
	M	140		175		175	
	P	220		250		250	
	Q	250		280		280	
Weight (approx.) (kg)		3500		4900		5250	
Rail		22kg/m		30kg/m		30kg/m	

Note : 양정 12mts 이상의 모델은 당사로 문의 바랍니다. In Case of lift height over 12mts, please contact us.

## Main &amp; Aux Creep Type

**Hoist With Motor-Driven Trolley(HQ)**

Capacity (ton)		35/7.5		50/10		60/20		70/20	
Hoist	Lift Height(m)	12		12		12		12	
	Hoisting Speed(m/min)	50Hz	4/0.4	3.2/0.32	2.7/0.27	3.7/0.37	2/0.2	3.5/0.35	2/0.2
	High/Creep	60Hz	4.8/0.48	3.8/0.38	3.2/0.32	4.5/0.45	2.4/0.24	4.2/0.42	2.4/0.24
	Hoisting Motor(kW×P)	High/Creep	33/3.7×6/4	5.5/1×6	33/3.7×6/4	9/1.1×8	33/3.7×6/4	17/1.8×8	33/3.7×6/4
	Wire Rope	Construction	6×Fi(25)	6×37	6×Fi(25)	6×37	6×Fi(25)	6×37	6×Fi(25)
Traversing	Dia.(mm)×no.of ropes	28×4	14×4	28×6	16×4	28×8	22.4×4	28×8	22.4×4
	Brake	DC magnet disc							
	Traversing Speed (m/min)	High Speed	50Hz	12.5	12.5	12.5	12.5	12.5	12.5
		60Hz	15	15	15	15	15	15	15
	Low Speed	50Hz	8.3	8.3	8.3	8.3	8.3	8.3	8.3
	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)
	Brake	DC magnet disc							
	Dimension (approx.) (mm)	H	1490	420	1680	250	1780	310	1780
		R	1600		2300		2800		2800
		A	2830		3350		3525		3525
		B	1100		1227		1307		1307
		E	560		605		650		650
		F	740		968		968		968
		C	1333		1279		1686		1686
		G	1735		2065		2315		2315
		K	1360		1845		2095		2095
		W	2400		2800		2925		2925
		D	70		80		80		80
		N	215		275		300		300
		M	215		275		300		300
		P	355		450		500		500
		Q	395		490		540		540
Weight (approx.) (kg)		6500		8550		11440		11440	
Rail		37kg/m		50kg/m		50kg/m		50kg/m	

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[With continuous passion on quality, we will be more manufacturing in the future.]

## OPEN WINCH TYPE

### 새로운 스타일의 신제품

고정밀, 고정도의 헬리컬리저 감속기를 장착하여 저소음, 저진동으로 안전하고 강력한 하역능력을 발휘합니다.

### 고양정, 고속의 호이스트

고양정 및 고속으로 설계, 제작되어 중반도 작업에도 운전이 원활하고 기계품 및 전장품의 수명이 길어 보수횟수가 적습니다.

### 보다 안전한 리미트 스위치

웜기어 방식의 리미트 스위치는 상한시 과권방지 기능은 물론, 하한시 여유권수이상 플립방지 및 와이어로프의 역상방지 기능을 추가하여 안전성을 더욱 높였습니다.

### 횡행 MOTION에 SOFT STARTER 취부

SOFT STARTER 취부하여 횡행 동작시에 보다 부드럽게 출발하여 운반시 흔들림이 덜하고 안정감이 있습니다.



NEW PRODUCT

### FRESH PRODUCT OF NEW STYLE

The hoist is equipped with a helical gear reducer of high precision grade and it shows a strong & safe loading & unloading ability upon low noisy & low vibration very safely.

### HOIST OF HIGHER LIFTING & HIGH-SPEED

As the hoist is designed & produced by higher lifting height & high-speed, medium duty operation is very smooth. And maintenance times are no many because the life time of mechanical & electric parts is much longer.

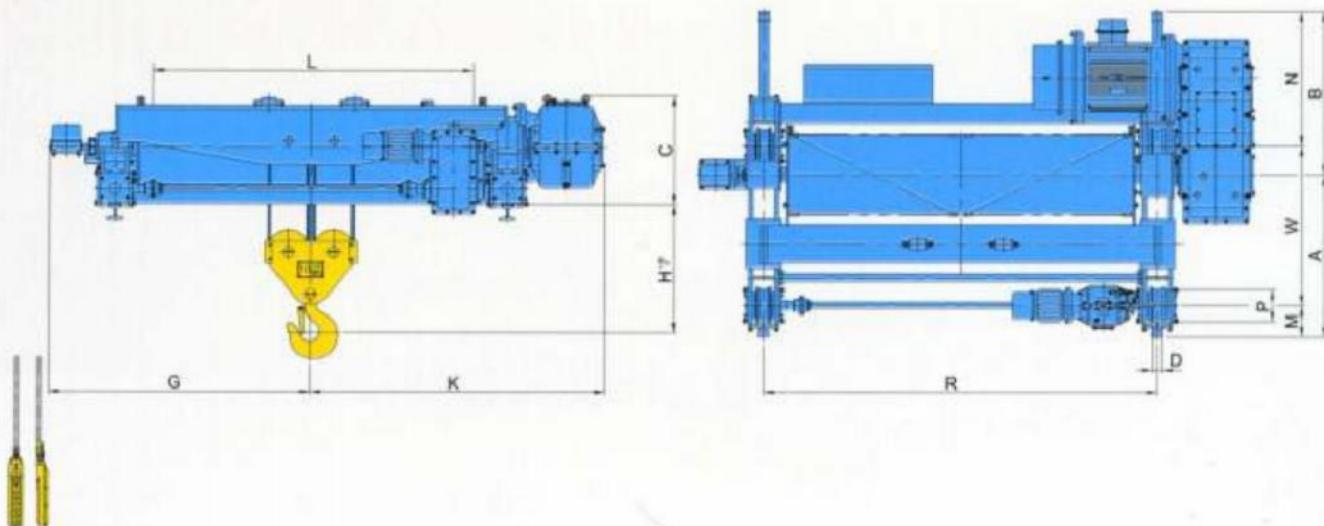
### THE BEST SAFE LIMIT SWITCH DEVICE

As it is a limit switch of worm gear type, it protects an excess upper & lower action during its operation. And it has increased the safety by addition of protection function for reverse moving of wire rope.

### SOFT STARTER IS ATTACHED INTO TRAVERSING MOTOR

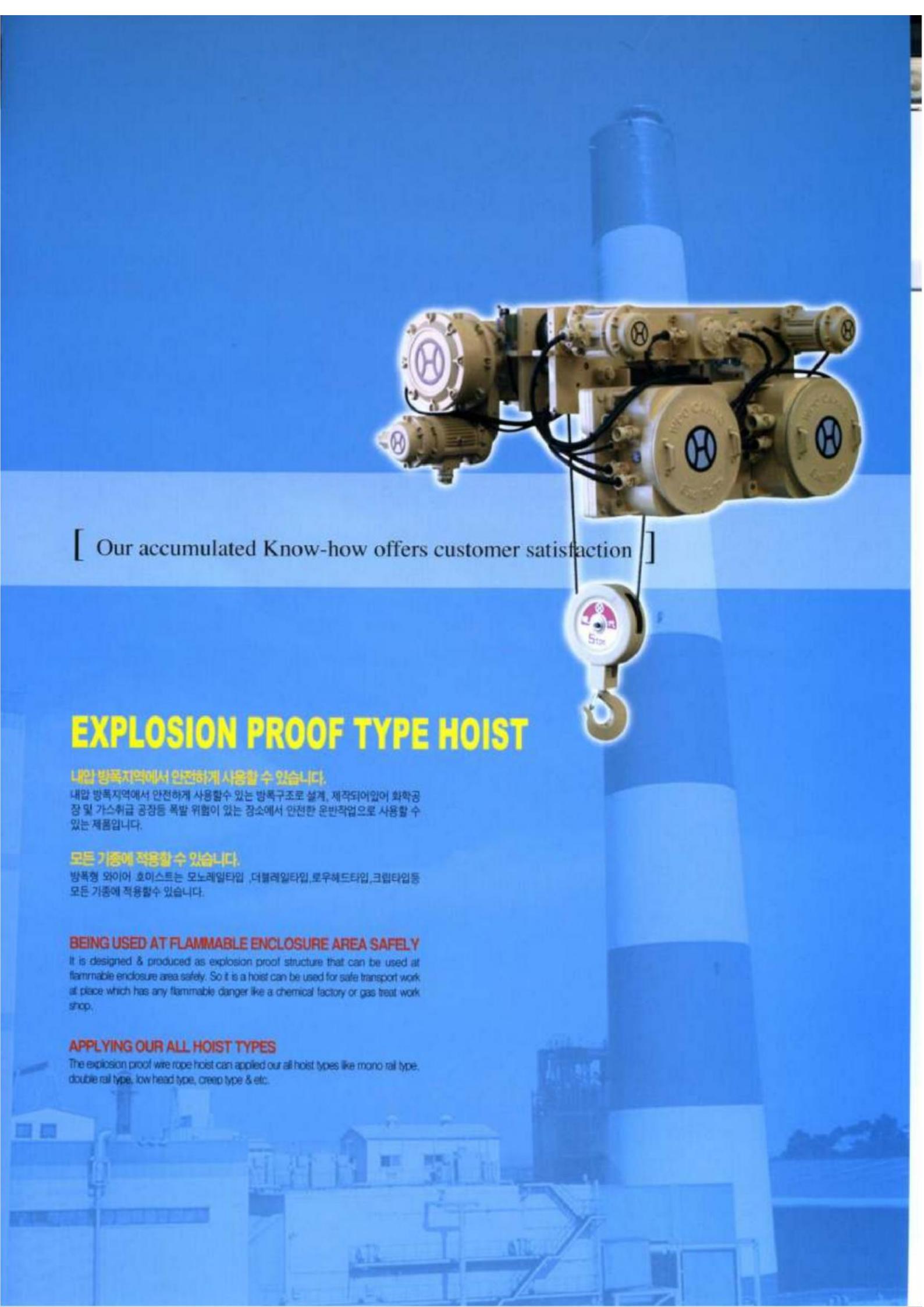
As the traversing motor has a soft starter, the starting is very smooth for cross traveling operation. And also, the transportation is no shaking, and it has good stability.

## OPEN WINCH TYPE

***Hoist With Motor-Driven Trolley(HX)***

Capacity (ton)		7.5	10	15	20
Lift Height(m)		50	50	50	50
Hoisting Speed (m/min)	High Speed	50Hz	6.6	6.6	3.3
	Low Speed	60Hz	8	8	4
	High Speed	50Hz	4.5	4.5	2.25
	Low Speed	60Hz	5.4	5.4	2.7
Hoisting Motor (kW×P)		17×8	17×8	17×8	17×8
Wire Rope	Construction		6×Fi(29)+IWRC	6×Fi(29)+IWRC	6×Fi(29)+IWRC
	Dia.(mm) × no.of ropes		12.5×4	14×4	12.5×8
	Brake		DC magnet disc		
Traversing Speed (m/min)	High Speed	50Hz	20	20	20
	Low Speed	60Hz	24	24	24
	High Speed	50Hz	13.3	13.3	13.3
	Low Speed	60Hz	16	16	16
Traversing Motor (kW×P)		High Speed	1.5×4	1.5×4	1.5×4
		Low Speed	1.0×6	1.0×6	1.0×6
Brake		DC magnet disc			
Dimension (approx.) (mm)	H		800	800	960
	R		2200	2450	4500
	A		1011	1015	1015
	B		1022	1022	1022
	C		664	684	684
	G		1507.5	1630.5	2655.5
	K		1702	1829	2854
	W		970	1000	1000
	L		1810	2056	4096
	M(N)		191(872)	195(842)	195(842)
	P		160	200	200
	D		61	61	61
Weight (approx.) (kg)		2500	2600	3500	3700
Rail(kg/m)		15	15	22	22

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[ Our accumulated Know-how offers customer satisfaction ]

## EXPLOSION PROOF TYPE HOIST

내압 방폭지역에서 안전하게 사용할 수 있습니다.

내압 방폭지역에서 안전하게 사용할 수 있는 방폭구조로 설계, 제작되어 있어 화학공장 및 가스취급 공정 등 폭발 위험이 있는 장소에서 안전한 운반작업으로 사용할 수 있는 제품입니다.

모든 기종에 적용할 수 있습니다.

방폭형 와이어 호이스트는 모노레일타입, 더블레일타입, 로우헤드타입, 크립타입 등 모든 기종에 적용할 수 있습니다.

### BEING USED AT FLAMMABLE ENCLOSURE AREA SAFELY

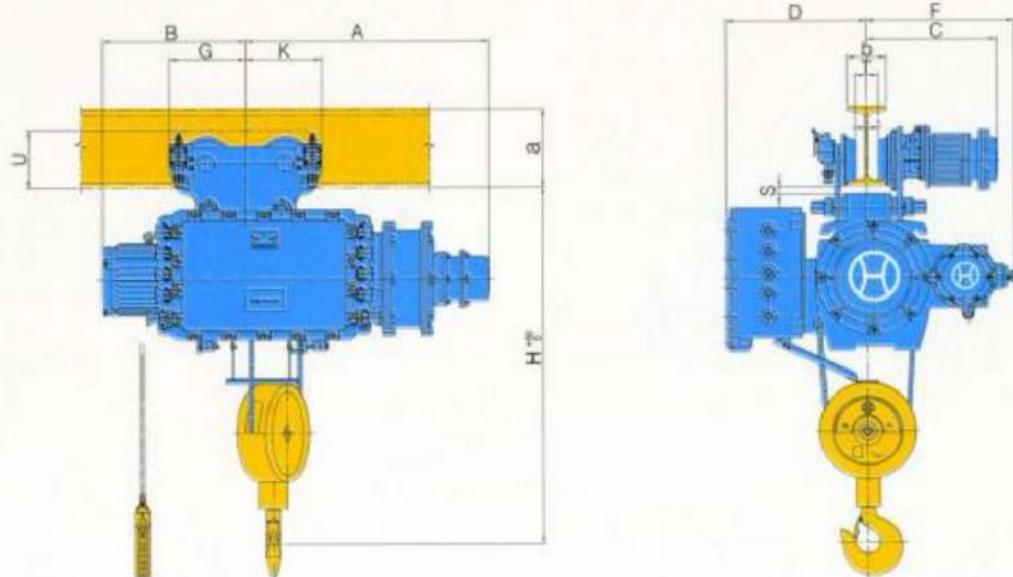
It is designed & produced as explosion proof structure that can be used at flammable enclosure area safely. So it is a hoist can be used for safe transport work at place which has any flammable danger like a chemical factory or gas treat workshop.

### APPLYING OUR ALL HOIST TYPES

The explosion proof wire rope hoist can applied our all hoist types like mono rail type, double rail type, low head type, creep type & etc.

## EXPLOSION PROOF TYPE

## Creep Hoist With Motor-Driven Trolley(Ex-HM)

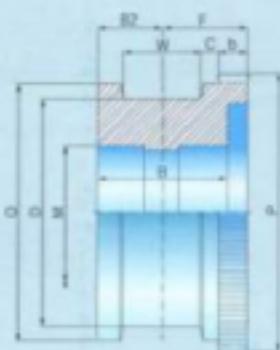


Capacity (ton)		0.5, 1	2	2.8, 3	5
Hoist	Lift Height(m)	6(12)	6(12)	6(12)	6(12)
	Hoisting Speed (m/min)	50Hz	10/1	8.3/0.83	7.5/0.75
	High/Creep	60Hz	12/1.2	10/1	9/0.9
	Hoisting Motor (kW×P)	High/Creep	2.2/0.4×4	3.7/0.4×4	5.5/1.1×4
	Wire Rope	Construction	6×24	6×37	6×37
	Dia. (mm) × no.of ropes	8×2	10×2	12.5×2	16×2
Traversing	Brake		DC magnet disc		
	Traversing Speed (m/min)	High Speed	50Hz	20	20
		60Hz	24	24	24
	Traversing Motor (kW×P)	Low Speed	50Hz	13.3	13.3
		60Hz	16	16	16
	Brake	High Speed	0.75×4	0.75×4	0.75×4
Dimension (approx.) (mm)	Low Speed		0.5×6	0.5×6	0.5×6
	Brake		DC magnet disc		
	H	1000	1100	1250	1375
	A	700(800)	710(760)	844(894)	927(977)
	B	495(595)	495(644)	472(622)	546.5(696.5)
	D	480	480	499	535
I-beam and Spacing (mm)	G	250	250	250	290
	K	250	250	250	290
	D	480	515	529	563.5
	a×b×t	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	478.5 30 71 172	478.5 30 71 172	484 40 60 216
Min. radius of curvature(m)	300×150×10	410 28 96 155	491 24 96 178	491 24 96 178	496.5 34 85 222
	450×175×13	— — — —	— — — —	— — — —	509 26 110 230
	Weight (approx.) (kg)	250(310)	385(423)	542(575)	754(798)

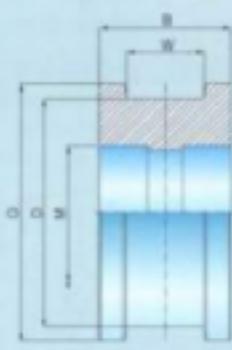
Note : 양정 12mts 이상의 모델은 당사로 문의 바랍니다. In Case of lift height over 12mts, please contact us.

## Over Head Type

### Wheel Unit



Driving Wheel

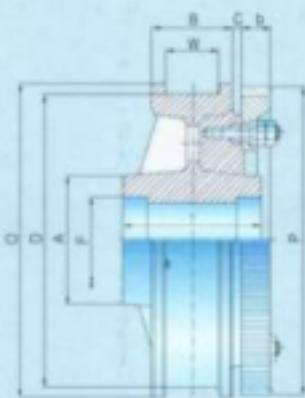


Following Wheel

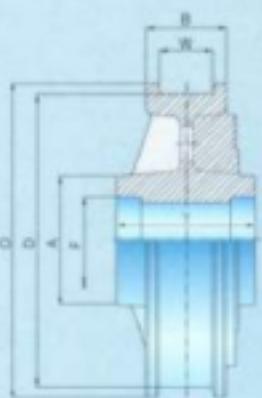
## Gear Specification

Wheel Dia	Module	Teeth Number
φ160	4	48
φ200	4	58
φ250	5	57
φ315	5	70

Wheel Dia	Material	W	B	b	O	C	F	P	L	M	Bearing	Rail(kg/m)
φ160	S45C	63				8.5						15
		72	110	25	φ190	4	65	φ200	240	φ110	6310ZZ	22
φ200	S45C	63				8.5						15
		72	110	25	φ230	4	65	φ240	300	φ120	6311ZZ	22
φ250	S45C	63				8.5						15
		72	110	25	φ280	4	65	φ295	350	φ130	6312ZZ	22
φ315	SCM4	63				10.5						15
		72	140	30	φ355	6	72	φ360	400	φ120	22213	22



Driving Wheel



Following Wheel

## Gear Specification

Wheel Dia	Module	Teeth Number
φ400	6	70
φ500	6	86
φ630	8	83
φ710	10	71
φ800	10	80

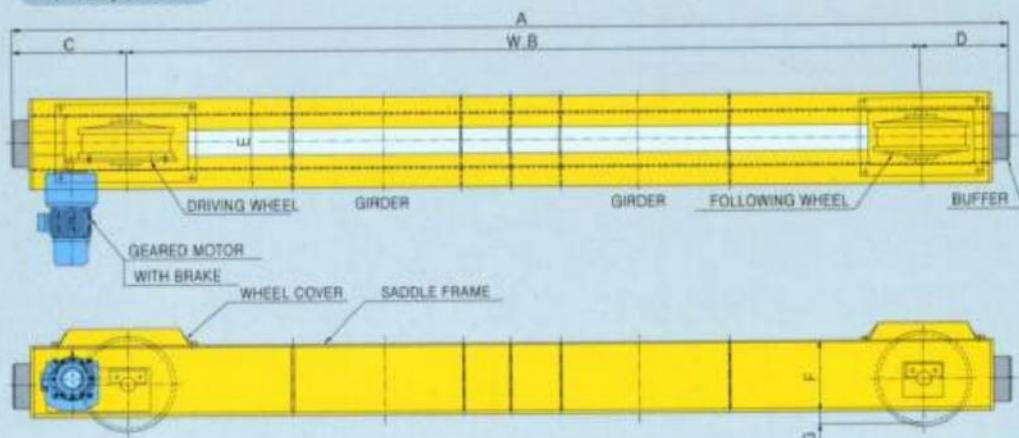
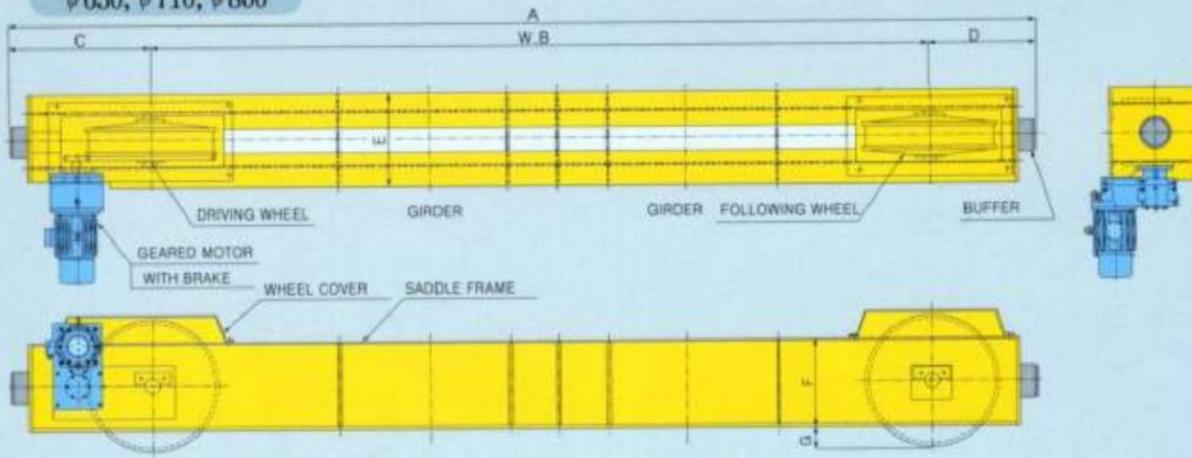
Wheel Dia	Material	W	B	b	O	F	A	P	T	C	Bearing	Rail(kg/m)
φ400	SCMn2A	85	130	50	φ440	φ130	φ190	φ432	220	16	22215	30,37
φ500	SCMn2A	90	135	50	φ540	φ150	φ220	φ528	234	16	22217	30,37
φ630	SCMn2A	90	135	60	φ670	φ180	φ250	φ680	260	16	22220	30,37
φ710	SCMn2A	90	135	60	φ740	φ200	φ270	φ730	280	16	22222	30,37
φ800	SCMn2A	90	140	70	φ840	φ215	φ310	φ820	300	20	22224	30,37

Note : 상기 WHEEL에 대한 상세 기술 사양은 당사로 문의 바랍니다.

Please contact us about detail technical specification.

## Over Head Type

### Saddle Unit

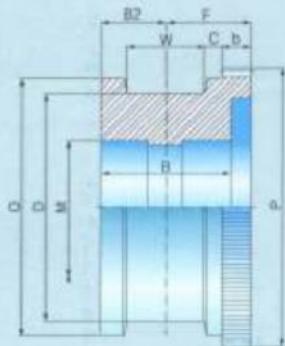
 $\phi 400, \phi 500$  $\phi 630, \phi 710, \phi 800$ 

Wheel Dia	Travelling Speed (m/min)	Motor (kw×P)	Pail/kg/m	A	W.B.	C	D	E	F	G		
$\phi 400$	High 50(Hz)	25	2.2×4	30, 37	4050	3000	600	450	464 / 488	350 / 400	50	
	60(Hz)	30			4550	3500						
	Low 50(Hz)	17	1.5×6		5050	4000						
	60(Hz)	20			5550	4500						
$\phi 500$	High 50(Hz)	25	2.2×4	30, 37	5150	4000	650	500	510 / 509	400 / 450	75	
	60(Hz)	30			5650	4500						
	Low 50(Hz)	17	1.5×6		6150	5000						
	60(Hz)	20			6650	5500						
$\phi 630$	High 50(Hz)	25	3.7×4	30, 37	5200	4000	700	500	535 / 534	450 / 500	90 / 65	
	60(Hz)	30			5700	4500						
	Low 50(Hz)	17	2.2×6		6200	5000						
	60(Hz)	20			6700	5500						
$\phi 710$	High 50(Hz)	25	3.7×4	30, 37	5400	4000	800	600	555 / 554	450 / 500	130 / 105	
	60(Hz)	30			5900	4500						
	Low 50(Hz)	17	2.2×6		6400	5000						
	60(Hz)	20			6900	5500						
$\phi 800$	High 50(Hz)	25	3.7×4	30, 37	5500	4000	850	650	584	500	150	
	60(Hz)	30			6000	4500						
	Low 50(Hz)	17	2.2×6		6500	5000						
	60(Hz)	20			7000	5500						

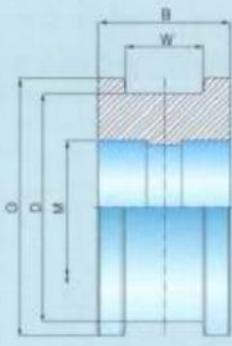
Note : 상기 SADDLE에 대한 상세 기술 사양은 당사로 문의 바랍니다.

Please contact us about detail technical specification.

## Over Head Type Wheel Unit



Driving Wheel

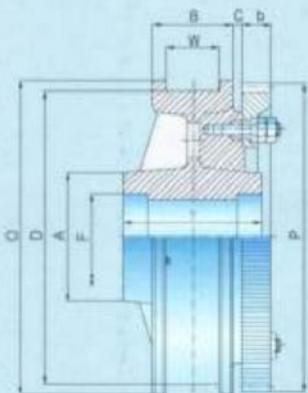


Following Wheel

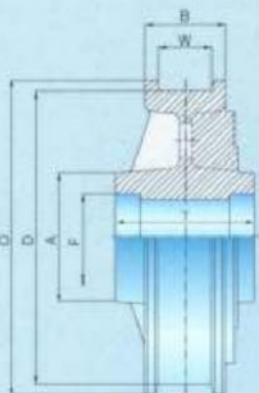
## Gear Specification

Wheel Dia	Module	Teeth Number
ø160	4	48
ø200	4	58
ø250	5	57
ø315	5	70

Wheel Dia	Material	W	B	b	O	C	F	P	L	M	Bearing	Rail(kg/m)
ø160	S45C	63				8.5						15
		72		110	25	4	65	ø200	240	ø110	6310ZZ	22
ø200	S45C	63				8.5						15
		72		110	25	4	65	ø240	300	ø120	6311ZZ	22
ø250	S45C	63				8.5						15
		72		110	25	4	65	ø295	350	ø130	6312ZZ	22
ø315	SCM4	63				10.5						15
		72		140	30	6	72	ø360	400	ø120	22213	22



Driving Wheel



Following Wheel

## Gear Specification

Wheel Dia	Module	Teeth Number
ø400	6	70
ø500	6	86
ø630	8	83
ø710	10	71
ø800	10	80

Wheel Dia	Material	W	B	b	O	F	A	P	T	C	Bearing	Rail(kg/m)
ø400	SCMn2A	85	130	50	ø440	ø130	ø190	ø432	220	16	22215	30,37
ø500	SCMn2A	90	135	50	ø540	ø150	ø220	ø528	234	16	22217	30,37
ø630	SCMn2A	90	135	60	ø670	ø180	ø250	ø680	260	16	22220	30,37
ø710	SCMn2A	90	135	60	ø740	ø200	ø270	ø730	280	16	22222	30,37
ø800	SCMn2A	90	140	70	ø840	ø215	ø310	ø820	300	20	22224	30,37

Note : 상기 WHEEL에 대한 상세 기술 사양은 당사로 문의 바랍니다.

Please contact us about detail technical specification.

#### **GEARED MOTOR**

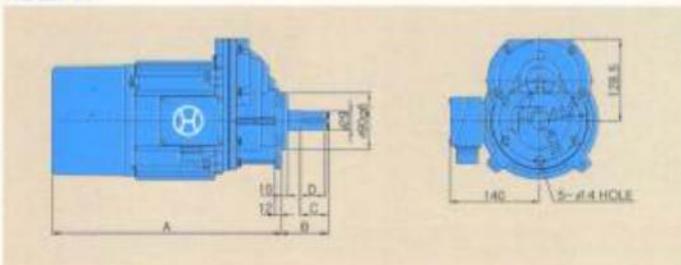
MOTOR

- 특수형상 슬롯방식의 고효율
  - 고정밀 바란상의 저진동 저소음
  - 긴 수명 및 신뢰도 증대
  - 전동기 절경 토우크를 제동할 수 있는 브레이크

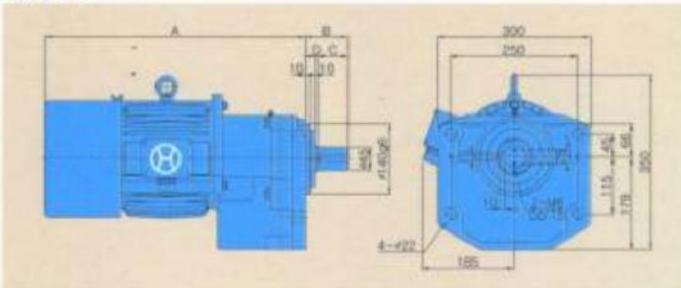
## MOTOR

- High efficiency with special-type slot—method
  - Low vibration and noise with super—precision balancing
  - Prolonged life—cycle and high credibility
  - Braking of standard rotation power

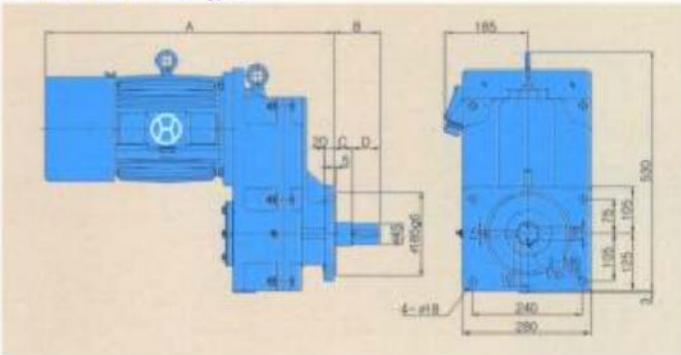
## Model-A



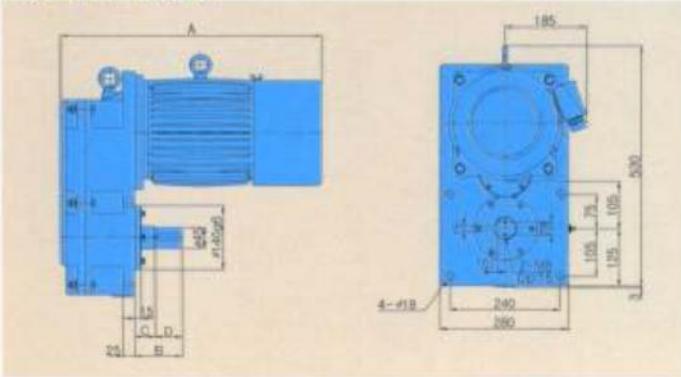
## Model-B



### **Model-C (Over head type)**



### Model-D (Gantry type)



## REDUCER

- 기계 구조용 탄소강과 크롬몰리브덴강의 우수한 소재 사용
  - 항복, 인장, 충격치에 대한 소입, 소려 강화
  - 최신 설비에 의한 정밀 가공 및 고품질의 균일 생산

## REDUCER

- Superior materials of carbon steel for machine structural and chromium molybdenum steel used
  - Shock-absorbent is increased for yield, tensile and shocks
  - Precise procession and uniform, high-quality production with advanced facilities

### Model-A

Dimensions	Cap.	0.5kW = 6p 0.75kW = 4p	1kW = 6p 1.5kW = 4p
A		253(361)	288(396)
B		74	74
C		44	44
D		40	40
Reduction Ratio		1/16(L), 1/11.8(M), 1/8.4(H)	

### Pole change motor - Model-A

Dimensions	Cap. x4/p	0.8/0.4kW x4/p	1.5/0.75kW x4/p
A	288(396)	318(427)	
B	74	74	
C	44	44	
D	40	40	
Reduction Ratio	1/16(L), 1/11.8(M), 1/8.4(H)		
Pole change motor rpm		4/P, 1680/820rpm	

### Model 2

Dimensions	Cap.	1.5kW = 8p, 2.2kW = 4p
A		394(513)
B		84
C		59
D		5
Reduction Ratio		1/20.26

Model C

Dimensions	Cap.	2.2kW/6p, 3.7kW/4p
A		630
B		101
C		41
D		60
Reduction Ratio		1/22

### Model-0

Dimensions	Cap.	2.2kW×6p, 3.7kW×4p
A		570
B		105
C		45
D		60
Reduction Ratio		1/22

BRAKE	DC MAGNET DISC BRAKE
POWER SOURCE	AC 220V 60Hz
	AC 380V 60Hz
	AC 440V 60Hz

# MODEL CLASSIFICATION OF HOIST

## 호이스트 모델 분류법

HOIST 주문시 아래 □칸을 채워주십시오. Please fill it out when you inquire our hoist.

H	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
---	---	---	---	---	---	---	---	---	---	----	----	----	----	----	----

A) **[H]** : HYUNDAI HOIST

B) **[1]** : HOIST 종류 / HOIST TYPE

N : ORDINARY TYPE	M : ORDINARY TYPE + CREEP
D : DOUBLE-RAIL TYPE	C : DOUBLE-RAIL TYPE + CREEP
L : LOW-HEAD TYPE	R : LOW-HEAD TYPE + CREEP
S : DOUBLE SPECIAL TYPE	T : DOUBLE SPECIAL TYPE + CREEP
P : MAIN WITH AUX(진자) TYPE	Q : MAIN WITH AUX(진자) TYPE + CREEP

C) **[2] [3] [4]** : 용량 / MAIN HOIST CAPACITY

001 : 1T	025 : 25T
002 : 2T	030 : 30T
028 : 2.8T	035 : 35T
003 : 3T	040 : 40T
006 : 5T	050 : 50T
007 : 7.5T	060 : 60T
010 : 10T	070 : 70T
015 : 15T	080 : 80T
020 : 20T	100 : 100T

D) **[5]** : 권상속도 / HOISTING SPEED

H : HIGH SPEED  
L : LOW SPEED  
P : POLE CHANGE SPEED(DUAL SPEED)  
Z : 비표준 SPEED / NON-STANDARD SPEED

E) **[6] [7]** : 양정 / HOIST LIFT

F) **[8]** : 횡행 구동방법 / TROLLEY TYPE

M : MOTOR DRIVEN TROLLEY  
G : GEARED TROLLEY  
P : HAND PUSH TROLLEY

G) **[9]** : 횡행 속도 / TROLLEY SPEED

H : HIGH SPEED  
L : LOW SPEED  
P : POLE CHANGE SPEED(DUAL SPEED)  
Z : 비표준 SPEED / NON-STANDARD SPEED

H) **[10]** : 주전원 / MAIN POWER VOLTAGE

1 : 220V 50Hz	2 : 220V 60Hz	3 : 380V 60Hz
4 : 440V 60Hz	5 : 460V 60Hz	6 : 480V 60Hz
7 : 380V 50Hz	8 : 415V 50Hz	9 : 460V 50Hz
0 : 480V 50Hz	A : 440V 50Hz	B : 575V 60Hz
C : 400V 50Hz	D : 200V 50Hz	

I) **[11]** : 조작전원 / CONTROL VOLTAGE

A : AC 220V	F : DC 48V
B : AC 110V	G : DC 24V
C : AC 48V	H : DC 12V
D : AC 24V	I : 특수사양 / Special option
E : AC 12V	

J) **[12]** : HOIST 사용지역 / APPLICATION SITE

N : 보통지역 / NORMAL SITE  
W : 방수지역 / WATER-PROOFING SITE  
A : 내산지역 / ACID RESISTANCE SITE

K) **[13]** : PUSH-BUTTON POINT수 / POINT NUMBER OF PUSH-BUTTON

3 : 3P	A : 10P
6 : 6P	B : 12P
8 : 8P	Z : 비표준 / NON STANDARD SPECIAL OPTION

L) **[14]** : MOTOR 절연계급 / INSULATION GROUP OF MOTOR

기호 / Code	절연종류 / Insulation group	허용최고온도(℃) / Max. ambient temp(℃)
Y	Y종	90
A	A종	105
E	E종	120
B	B종	130
F	F종	155
H	H종	180
C	C종	180초과 / Over 180

M) **[15]** : 과부하 방지장치 / SAFETY DEVICE

L : LOAD LIMITER (DIGITAL TYPE)  
C : LOAD CELL  
A : LOAD LIMITER (ANALOGUE TYPE)

특기사항 / SPECIAL OPTION

Note : COLOR 사양은 당시 표준사양임.

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the most difficult customers' requirements.

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## HYUNDAI HOIST

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