



DAEKYUNG

PRODUCT CATALOGUE

- Lever Hoist
- Chain Block
- Trolley
- Curved Beam Trolley
- Ultra Low Headroom Hoist
- Swivel Low Headroom Hoist
- Electric Chain Hoist
- Cleanroom Belt Hoist
- Stainless Steel Chain Block & Trolley
- Clamp
- Crane (Overhead/Jib/Cleanroom)
- MHE Products



대경은 1978년 대한민국 중공업산업의 중심지로 알려진 부산에 설립되었습니다.

설립 이래 꾸준히 성장 해오고 있는 대경은 국내 최고의 호이스트 생산 업체 입니다.

“안전을 최우선으로”라는 원칙 아래, 40여 년 동안 최고품질의 제품 생산 만을 고집 해왔습니다.

엄격한 품질관리와 지속적인 연구개발로 최고의 제품을 생산하는데 모든 임직원 들이 매진한 결과 Black Bear Hoist 제품은 국내외 고객 들에게 신뢰를 쌓아, 세계 유수의 각 산업분야에서 자리 매김을 하고 있습니다.

Black Bear Hoist는 안전함과 견고함을 바탕으로 사용자의 요구에 최적화된 제품으로 그 가치를 인정받아 왔습니다. 특히, 국내 및 해외의 조선소와 중공업으로부터 많은 명성을 얻고 있습니다. 대경에서 생산되는 각각의 제품들은 DNV • GL, LR, ABS와 같은 국제적인 선급기관으로부터 품질승인을 받았으며, 현재에도 세계 최고수준의 제품과 서비스로 고객들에게 만족을 주고 있습니다.

“대경은 안전을 우선으로 하여, 최고품질의 제품을 통해서 항상 고객의 만족을 위해 최선을 다한다”는 목표를 가지고 지속적으로 노력해 나갈 것입니다.

더 나은 고객 서비스의 제공을 위하여 주식회사 대경은 표준 제품 이외 MHE 제품과 유럽의 전문 호이스트 업체, Verlinde(프랑스)와 HadeF(독일)의 제품을 제공하고 있습니다.

| PROFESSIONAL LIFTING SOLUTION | DAEKYUNG CO., LTD.

Daekyung Co., Ltd. was established in 1978, in Busan. A city known as the hub of heavy industry in Korea. With an unwavering commitment to Health, Safety and the Environment, Daekyung has been growing continuously by producing the greatest lifting equipment for the last four decades. By focusing on strict quality control and continuous innovation, DK has gain worldwide recognition. Black Bear Hoist has gained the reputation of being the most durable and efficient hoist on the market, most noticeable among shipwrights. Worldwide class societies such as DNV • GL, LR and ABS have approved the quality of Gen Hoist. This is why, we are confident that our products and service will guarantee you the utmost level of your customers' satisfaction.

To better serve our customers, Daekyung Co., Ltd. has provided material handling equipment and products from our European suppliers, Verlinde (France) and HadeF (Germany), both well known throughout the world for their quality.

1978~1979



1980~1989



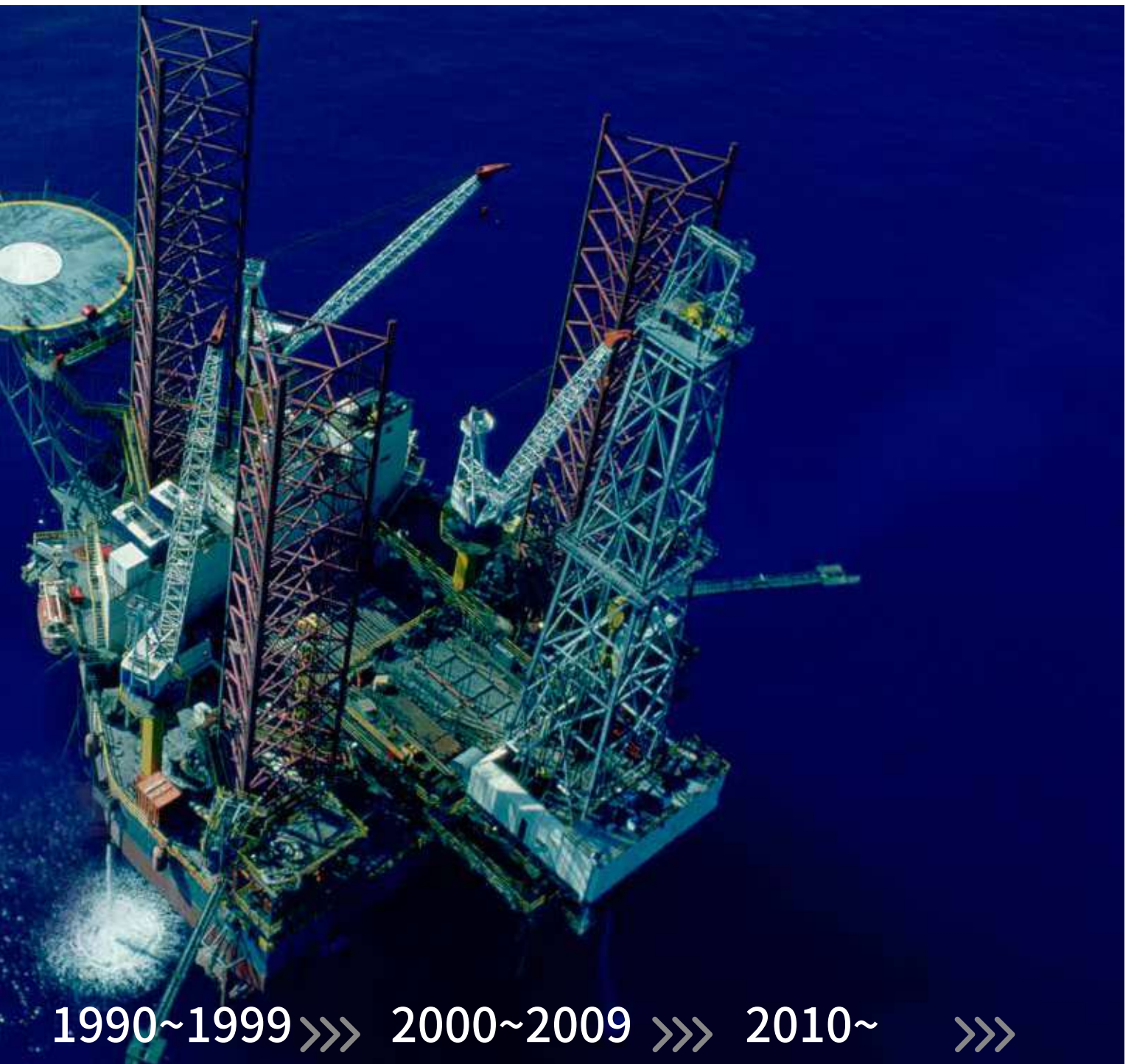
COMPANY HISTORY OF DAEKYUNG

- 1978.08.25. 주식회사 대경 설립
- 11.14. 공장설립완료
- 1979.11.29. 체인블럭 개발완료 및 생산시작

- 1980.04.17. 우수기업 공인 인정 (산업자원부)
- 12.15. 체인블럭 품질검사 통과 (한국기계연구원)
- 1982.02.15. 레버블럭 개발완료 및 생산시작
- 03.02. 레버블럭 품질검사 통과 (한국기계연구원)
- 10.05. 우수기업 공인 인정 (중소기업진흥공단)
- 1988.10.01. 전동호이스트 개발완료 및 생산시작

- 1978.08.25. Establishment of Daekyung co., ltd
- 11.14. Establishment of the manufacturing plant
- 1979.11.29. Completion of Chain block development and implementation of manufacturing

- 1980.04.17. Selected as an excellent enterprise (The Ministry of Commerce, Industry and Energy)
- 12.15. Passed the quality inspection
- 1982.02.15. Completion of Lever block development and implementation of manufacturing
- 03.02. Passed the quality inspection of Lever block
- 10.05. Selected as an excellent enterprise (Small and medium Business Corporation)
- 1988.10.01. Completion of Electric hoist development and implementation of manufacturing



1992. 01. 01. 공장이전
(부산 사상공장에서 다대공장)
1994. 01. 28. KS 인증 획득 (한국표준협회)
1996. 11. 12. 전동호이스트 디자인&기능검사
통과 (한국산업안전공단)
1998. 12. 23. ISO 9002 획득

2000. 01. 28. CE Mark (TUV) 획득
2003. 01. 23. ISO 9001 획득
2006. 02. 16. 신형 체인블럭 개발완료 및 생산시작
04. 20. 클린룸 호이스트 개발완료 및 생산시작
2008. 03. 05. 커브빔 트롤리 개발완료 및 생산시작

2010. 10. 30. 신형 전동호이스트 개발완료 및 생산시작
2011. 10. 20. 풍력용 호이스트 개발완료
2012. 12. 20. 커브빔용 로우헤드룸 호이스트 개발완료 및 생산시작
2014. 01. 28. MHE 제품공급시작 (DSME)
08. 08. 제품별 방폭인증 획득 (INERIS)
2015. 10. 24. DNV·GL(Type Approval) 획득
2018. 09. 19. OHSAS 18001:2007획득
2018. 11. 05. DNV·GL(Welding Workshop Approval) 획득

1992. 01. 01. Relocation of factory
(From Sasang to Dadae)
1994. 01. 28. Acquisition of KS certification
(Korean Standards Association)
1996. 11. 12. Passed Design and functional
test of Electric hoist
1998. 12. 23. ISO 9002 is obtained

2000. 01. 28. CE marking (TUV) is obtained
2003. 01. 23. ISO 9001 is obtained
2006. 02. 16. Completion New model of Chain
block development and imple-
mentation of manufacturing
04. 20. Completion of Cleanroom Hoist
development and implementa-
tion of manufacturing
2008. 03. 05. Completion of Curved Beam Trol-
ley development and implemen-
tation of manufacturing

2010. 10. 30. Completion of New model of Electric hoist devel-
opment and implementation of manufacturing
2011. 10. 20. Completion of Wind turbine hoist development
2012. 12. 20. Completion of Curved beam low headroom
hoist development and implementation of
manufacturing
2014. 01. 28. Completion of MHE Products development
and implementation of supplying (DSME)
08. 08. Obtained ATEX compliance
(Explosion-proof) for each product (INERIS)
2015. 10. 24. Obtained DNV·GL(Type Approval)
2018. 09. 19. Obtained OHSAS 18001:2007
2018. 11. 05. Obtained DNV·GL(Welding Workshop Approval)



Acquired Certification

Daekyung's products are qualified for CE and Korean Standard as following :

DNV·GL

DNV.GL (Det Norske Veritas - Germanischer Lloyds)

Daekyung has been awarded a DNV type approval certificate for its manual product range in 2015.

- Certificate No : TAS 0000060
- Standard for shipboard lifting appliances (DNVGL-ST-0377)
- Standard for offshore and platform lifting appliances (DNVGL-ST-0378)



ATEX (Explosive Atmosphere)

Daekyung holds a European Explosion-proof certification for its manual product range from INERIS (France).



CE CERTIFIED PRODUCT LIST

- Plain Trolley DPT series : all models
- Geared Trolley DGT series : all models up to 50 tons
- Curved Beam Trolley DBPT, DBGT, DBET series : all models
- Chain Block DH series : all models except 0.5 and 8 tons
- Lever Block DLS series : all models except 0.75 and 2 tons
- Electric Hoist DEX-H, DEX-M, DKEH, DKEHA series : all models
- Low Headroom Hoist DLHP, DLHG, DELH, DLCP, DLCPG series : all models



**KOSHA (KOREA OCCUPATIONAL SAFETY AND HEALTH AGENCY)
CERTIFIED PRODUCT LIST**

- Belt Hoist CEBHDY model : 5 ton



**Daekyung is certified by International organization
for Standardization**

OHSAS 18001

Daekyung is certified by Occupational Health and Safety Assessment Series

Available CLASS Certification

DNV·GL



**Lloyd's
Register**



Certification

- 01 | DNV-GL
- 02 | ATEX Ex_Cert (Total)
- 03 | KOSHA_Cert (Belt Hoist)
- 04 | ISO 9001:2015
- 05 | CE_Cert (Lever Block)
- 06 | CE_Cert (Chain Block)
- 07 | CE_Cert (Trolley)
- 08 | CE_Cert (Curved Baem Trolley)
- 09 | CE_Cert (Low Headroom Hoist)
- 10 | CE_Cert (Low Head Curved Beam Hoist)
- 11 | CE_Cert (Electric Chain Hoist)
- 12 | OHSAS 18001:2007

01	02	03
04	05	06
07	08	09
10	11	12



DLS 3.0 TON



DLS 6.0 TON



DLS 3.0 TON (Option)



Option

- ① Rubber Grip 부착
- ② Load Chain 도금
- ③ Special Hook 장착

제품특징

제품설명

레버블록은 하중물을 고정시키는 용도로 주로 사용되는 제품입니다. 화물차의 화물고정, 조선소에서는 후판을 잡아당겨 용접을 하는 JIG등으로 사용되고 있습니다. 체인블록과 마찬가지로 Lifting용으로 사용 가능하나 가급적 고정 용도로 사용하길 권장합니다.

작동방법

레버블록 중앙에는 UP, 중립, DOWN의 전환레버가 있습니다. 전환레버를 UP에 위치하고 레버를 위, 아래로 움직이면 훅이 상승하며, DOWN에 위치하고 레버를 위, 아래로 움직이면 훅이 하강합니다. 중립, 무하중 상태에서 본체중앙에 동근 공전손잡이(Free Knob)을 위로 잡아당긴 상태에서는 레버를 움직이지 않고 체인길이를 자유자재로 쉽게 조절할 수 있습니다.

사용시 주의점

레버블록은 수직하중에 최적화 되어 있는 제품입니다. 하중물을 고정할 때, 잡아당길 때 상/하 훅 및 로드체인이 수직이 되어야 보증하중을 버틸 수 있습니다. 레버블록의 훅 및 로드체인은 산업안전보건법에 따라 훅의 입구가 10%이상 늘어나거나 로드체인이 10%이상 늘어나면 관련부품을 교체하도록 되어 있으며, 당사에서는 5%이상 늘어났을 때 교체를 권장합니다.

수동력으로 작동하는 제품은 수시로 오버로드의 위험에 노출되어 있습니다. 훅 또는 로드체인의 경우 육안으로 늘어난 길이를 확인할 수 없으므로, 로드체인, 훅, 체인핀 등 직접적으로 하중이 받는 부품은 수시로 점검하여 안전사고를 예방해야 합니다.

발주시 필수 표기사항

- (1) 용량 (예. 1.5TON)
- (2) 선급 CERT. 발급여부 (선급 CERT. 발급요구시 3~5개월 소요)
- (3) 로드체인 길이 (예. 1.5m)

Features

Description of products

Lever Hoist is used to fix loads. For example, fixing goods on the truck or used as a JIG for welding (by pulling the thick plate) in ship-yards. Like Chain Block, Lever Block can be used for lifting. However, only for the purpose of fixing usage is recommended.

How to operate

At the middle of the Lever Hoist, there is a lever switch for UP, NEUTRAL and DOWN. When the lever switch is on up and down, the hook will fall. When the lever switch is on neutral and the Free Knob is pulled upward, the chain length can be easily adjusted without moving the Lever.

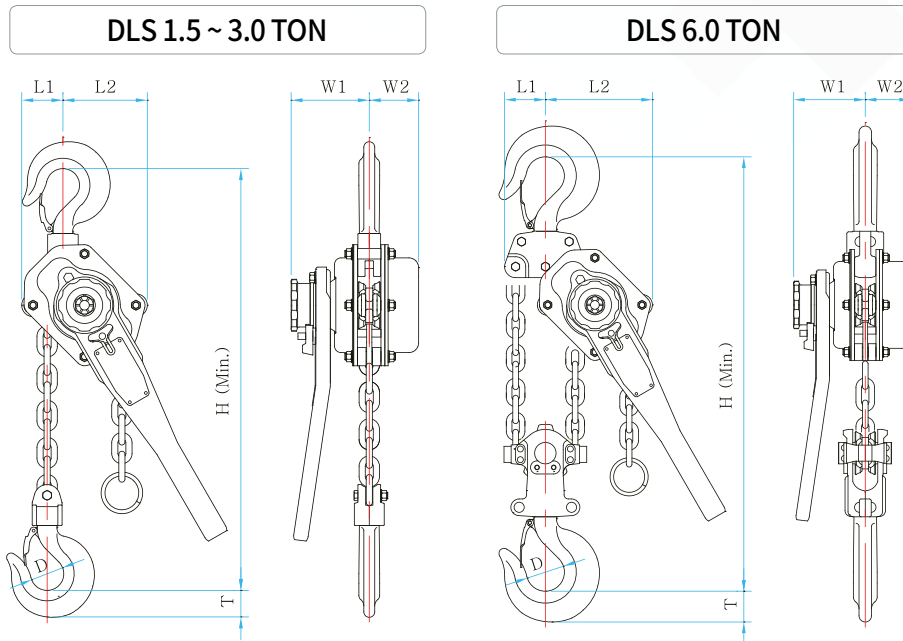
Cautions at use

Lever Hoist is optimized to bear vertical loads. When fixing or pulling a load, upper hook, bottom hook and load chain should be aligned in vertical position in order to bear the safety load.

According to Occupation Safety and Health Acts, hook and load chain of lever Hoist should be replaced if the hook throat opening is stretched by more than 10% or if load chain is stretched by more than 5%. Load chain, hook and chain pin which are directly bearing the load should be checked regularly since stretched length is difficult to measure through visual inspection. Lever Hoists are devices that are easily exposed to risk of overload, be careful when using such devices.

Please specify for order

- (1) CAPACITY (ex. 1.5TON)
- (2) Whether CLASS CERT is required or not.
(3 to 5 months is required for submission)
- (3) LOAD CHAIN LENGTH (ex. Std 1.5m)



Specifications

MODEL	CAPACITY (TON)	STD. CHAIN LENGTH	CHAIN SPEC.	CHAIN WEIGHT / LIFT	OPERATION LOAD (kg)	NO. OF LOAD CHAIN FALLS	STD. NET WEIGHT (kg)
		LOAD CHAIN	LOAD CHAIN	LOAD CHAIN			
KX-007	0.75	1.5	Ø5.0 x P15.0	0.56	38.0	1.0	3.4
DLS-015	1.5	1.5	Ø7.1 x P20.2	1.11	21.0	1.0	11.0
DLS-020	2.0	1.5	Ø7.1 x P20.2	1.11	26.0	1.0	11.0
DLS-030	3.0	1.5	Ø9.5 x P28.6	1.94	32.0	1.0	18.0
DLS-060	6.0	1.5	Ø9.5 x P28.6	3.88	34.0	2.0	30.0

Dimensions

MODEL	CAPACITY (TON)	DIMENSIONS (mm)						
		H (Min)	L1	L2	W1	W2	T	D
KX-007	0.75	260.0	35.0	57.0	64.0	41.0	22.0	35.5
DLS-015	1.5	370.0	42.0	103.0	107.8	58.0	27.0	41.0
DLS-020	2.0	370.0	42.0	103.0	107.8	58.0	27.0	41.0
DLS-030	3.0	470.0	63.5	130.0	120.3	76.0	40.0	52.0
DLS-060	6.0	580.0	68.5	180.0	120.3	76.0	51.0	64.0

CHAIN GUARD (체인가드)



대경 체인가드는 중량물 고정시 중량물과 로드체인간의 직접적인 접촉을 방지하여 로드 체인의 손상을 방지합니다. 체인가드 하부에 자석이 포함되어 있으므로 하적물 어느곳이든 부착이 가능합니다.

- Protecting the surface of the load against wears and deformation caused by the load chain of the lever hoist, during installation of the latter and during transportation of the load.
- Protection is achieved through removal of direct contact between load and load chain from the lever hoist.
- When placed on a steel surface, the magnet situated under the DLS-030CG will firmly hold it in place.



CHAIN BLOCK Model : DS/DH

제품특징

제품설명

체인블록은 수동력을 이용하여, 비교적 큰 하중물을 들어올리거나 내리는 장비입니다. 당사의 체인블록은 DS모델과 DH모델이 있으며, 제품의 무게 및 안전율에 차이가 있습니다. 특수목적용으로 스테인레스 체인블록, 방폭용 체인블록 및 부식방지용 체인블록도 생산하고 있으니 필요시 문의 바랍니다.

작동방법

체인블록에는 로드체인과 핸드체인이 있으며, 핸드체인을 잡아당기면 로드체인이 올라가거나 내려가면서 하중물을 상/하로 이동시킵니다. 하중물을 좌/우로 이동시키고 싶을 때는 당사제품인 트롤리와 결합하여 사용할 수 있습니다.

사용시 주의점

체인블록은 수직하중에 최적화 되어 있는 제품입니다. 하중물을 들어 올릴 때, 또는 제품을 잡아당길 때 상/하 혹은 로드체인이 수직이 되어야 보증하중을 버틸 수 있습니다. 체인블록의 훅 및 로드체인은 산업안전보건법에 따라 훅의 입구가 10%이상 늘어나거나 로드체인이 10%이상 늘어나면 관련부품을 교체하도록 되어 있으며, 당사에서는 5%이상 늘어났을 때 교체를 권해드립니다. 수동력으로 작동하는 제품은 수시로 오버로드의 위험에 노출되어 있습니다. 훅 또는 로드체인의 경우 육안으로 늘어난 길이를 확인 할 수 없으므로, 로드체인, 훅, 체인핀 등 직접적으로 하중이 받는 부품은 수시로 점검하여 안전사고를 예방해야 합니다.

제품선정시 주의점

체인블록은 최소거리(H) 값 이상으로 물건을 들어올릴 수 없습니다. 훅과 결합되는 부품이 서로 호환이 가능한지 확인해야 합니다. 간섭체크 및 최소거리는 카달로그의 DIMENSION(mm) 표를 확인하세요.

발주시 필수 표기사항

- (1) 용량 (ex. 1.0TON)
- (2) 선급 CERT. 발급여부 (선급 CERT. 요구시 납기가 3~5개월 소요됨)
- (3) 로드체인 길이, 핸드체인 길이
- (4) 도장사양 (필요시)

권장사항

* 핸드체인 길이는 작업자의 위치에 맞추어 길이를 선정하시면 됩니다. 핸드체인이 바닥에 끌리게 되면 작동이 불편하므로 바닥에서 500mm 정도 띄울것을 권해드립니다.

Features

Description of products

Chain block is a hand operated device that is able to lift or lower loads. Two type of chain blocks, DS and DH, are available with different capacities and net weight. Both series can be provided in stainless steel or explosion proof version. Please contact us for special specifications.

How to operate

There are two different chains in chain block which are load chain and hand chain. Load chain lifts or lower the loads when the hand chain is pulled. If you want to move the loads side to side, Trolley combined with chain block can be used.

Cautions at use

Chain block is optimized to bear vertical loads. When fixing or pulling a load, upper hook, bottom hook and load chain should be aligned in vertical position in order to bear the safety load. According to Occupation Safety and Health Acts, hook and load chain of lever Hoist should be replaced if the hook throat opening is stretched by more than 10% or if load chain is stretched by more than 5%. Load chain, hook and chain pin which are directly bearing the load should be checked regularly since stretched length is difficult to measure through visual inspection. Lever Hoists are devices that are easily exposed to risk of overload, be careful when using such devices.

Cautions for product selection

Chain block is not able to lift load above minimum distance (H). Components which are combined with hook should be checked if they are compatible. More information for interference or minimum distance, check the DIMENSIONS(mm) in our catalog.

Please specify for order

- (1) CAPACITY (ex. 1.0TON)
- (2) Whether CLASS CERT is required or not.
(3 to 5 months is required for submission)
- (3) LOAD CHAIN LENGTH, HAND CHAIN LENGTH
- (4) PAINTING SPEC. : OPTION

Notice

Hand chain length can be adjusted.
We recommend you to keep a 500mm distance between hand chain and floor to prevent dragging hand chain on the floor.

■ DS - Series

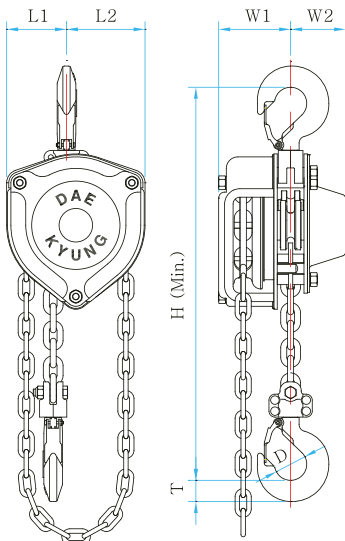
제품특징

DS모델 체인블록은 DH모델에서 경량화 된 신규 제품입니다. DS모델은 DH모델과 비교하였을 때, 가벼운 중량이 장점이며, 안전율은 DH모델이 높습니다. DS모델은 내수용으로 많이 판매되고 있으며, 조선소 등 안전율이 많이 요구되는 작업환경에서는 DH모델을 많이 사용합니다.

Features

DS Chain Block is the light version of DH Chain Block. Lightness is the strength of DS model, but the DH model has better safety factor. DS models are usually sold domestically, and DH models are often used in work environments where safety factors are required, such as shipyards.

DS 0.5 ~ 2.0 TON



DS 1.0 TON



DS 0.5 TON (Stainless type)



Specifications

MODEL	CAPACITY (TON)	STD. CHAIN LENGTH		CHAIN SPEC.		CHAIN WEIGHT / LIFT 1m (kg)		OPERATION LOAD (kg)	NO. OF LOAD CHAIN FALLS	STD. NET WEIGHT (kg)
		LOAD CHAIN	HAND CHAIN	LOAD CHAIN	HAND CHAIN	LOAD CHAIN	HAND CHAIN			
DS-005	0.5	2.5	2.0	Ø6.3 x P19.1	Ø5.0 x P23.3	0.86	0.92	18.0	1	10.5
DS-010	1.0	2.5	2.0	Ø6.3 x P19.1	Ø5.0 x P23.3	0.86	0.92	33.0	1	10.5
DS-015	1.5	2.5	2.0	Ø7.1 x P20.2	Ø5.0 x P23.3	1.11	0.92	33.0	1	13.0
DS-020	2.0	3.0	2.5	Ø7.9 x P23.0	Ø5.0 x P23.3	1.36	0.92	34.0	1	20.0

Dimensions

MODEL	CAPACITY (TON)	DIMENSIONS (mm)						
		H (Min)	L1	L2	W1	W2	T	D
DS-005	0.5	330.0	65.0	85.0	79.0	61.0	25.0	Ø38.0
DS-010	1.0	330.0	65.0	85.0	79.0	61.0	25.0	Ø38.0
DS-015	1.5	360.0	70.5	92.5	84.8	64.7	27.0	Ø41.0
DS-020	2.0	400.0	82.5	110.5	90.3	72.0	32.0	Ø46.0

▪ DH - Series

제품특징

사용빈도가 높은 1~5톤 DH체인블록은 KS인증이 되어있는 제품으로, 4배 의 정적하중에도 파단되지 않는 강도를 가지고 있어 수동력에 의한 예기치 못한 오버로드시 DS모델에 비해 안전성이 높습니다. DH모델은 조선소 및 토목공사 등 안전율이 요구되는 작업환경에서 많이 사용되고 있습니다.

Features

Lifting up to 4 times of the Safety Work Load (SWL) will not cause the breakage of the Chain Block. This model is safer than DS in case overload may occur during usage. Therefore, DH model is an excellent choice for using in high-risk environment such as ship-building yard, steel structures construction yard and public works.

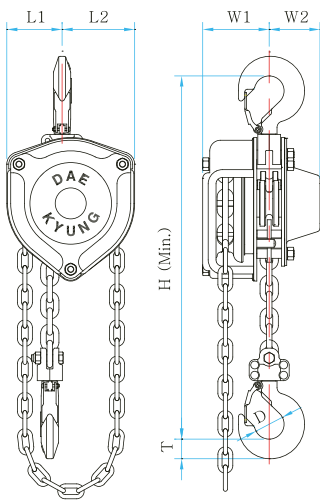
Specifications

MODEL	CAPACITY (TON)	STD. CHAIN LENGTH		CHAIN SPEC.		CHAIN WEIGHT / LIFT 1m (kg)		OPERATION LOAD (kg)	NO. OF LOAD CHAIN FALLS	STD. NET WEIGHT (kg)
		LOAD CHAIN	HAND CHAIN	LOAD CHAIN	HAND CHAIN	LOAD CHAIN	HAND CHAIN			
⊗DH-010	1.0	2.5	2.0	Ø7.1 x P20.2	Ø5.0 x P23.3	1.11	0.92	31.0	1.0	12.0
⊗DH-015	1.5	2.5	2.0	Ø7.9 x P23.0	Ø5.0 x P23.3	1.36	0.92	35.0	1.0	18.0
⊗DH-020	2.0	3.0	2.5	Ø9.5 x P28.6	Ø5.0 x P23.3	1.94	0.92	37.0	1.0	25.5
⊗DH-030	3.0	3.0	2.5	Ø7.9 x P23.0	Ø5.0 x P23.3	2.72	0.92	38.0	2.0	28.5
⊗DH-050	5.0	3.0	2.5	Ø7.9 x P23.0	Ø5.0 x P23.3	4.08	0.92	42.0	3.0	44.0
DH-080	8.0	3.5	3.0	Ø11.1 x P33.3	Ø5.0 x P23.3	7.98	0.92	46.0	3.0	91.0
DH-100	10.0	3.5	3.0	Ø11.1 x P33.3	Ø5.0 x P23.3	7.98	0.92	55.0	3.0	91.0
DH-150	15.0	3.5	3.0	Ø11.1 x P33.3	Ø5.0 x P23.3	13.30	0.92	52.0	5.0	181.0
DH-200	20.0	3.5	3.0	Ø11.1 x P33.3	Ø5.0 x P23.3	15.96	1.84	55.0 x 2	6.0	235.0
DH-300	30.0	3.5	3.0	Ø11.1 x P33.3	Ø5.0 x P23.3	26.60	1.84	53.0 x 2	10.0	492.0
DH-400	40.0	3.5	3.0	Ø11.1 x P33.3	Ø5.0 x P23.3	37.24	1.84	54.0 x 2	14.0	800.0
DH-500	50.0	3.5	3.0	Ø11.1 x P33.3	Ø5.0 x P23.3	47.88	1.84	54.0 x 2	18.0	1880.0

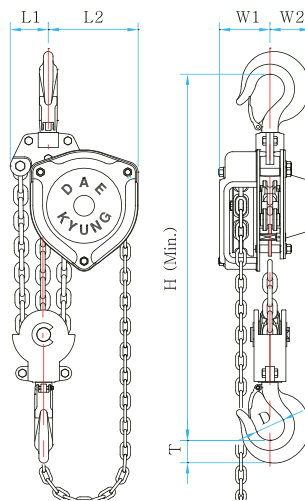
Dimensions

MODEL	CAPACITY (TON)	DIMENSIONS (mm)						
		H (Min)	L1	L2	W1	W2	T	D
DH-010	1.0	340.0	70.5	92.5	84.5	63.5	25.0	Ø38.0
DH-015	1.5	400.0	82.5	110.5	90.3	72.1	32.0	Ø46.0
DH-020	2.0	440.0	94.0	130.0	94.5	80.5	37.0	Ø45.0
DH-030	3.0	530.0	68.0	160.5	90.3	72.1	40.0	Ø52.0
DH-050	5.0	670.0	101.0	190.5	90.3	72.1	59.0	Ø64.0
DH-080	8.0	850.0	145.0	285.0	102.0	90.0	70.0	Ø86.0
DH-100	10.0	850.0	145.0	285.0	102.0	90.0	70.0	Ø86.0
DH-150	15.0	1150.0	172.0	293.0	149.0	102.0	93.0	Ø127.0
DH-200	20.0	1250.0	399.0	399.0	155.0	155.0	92.4	Ø127.0
DH-300	30.0	1450.0	417.0	417.0	218.5	218.5	130.0	Ø130.0
DH-400	40.0	1650.0	431.0	431.0	277.0	277.0	138.0	Ø145.0
DH-500	50.0	1950.0	468.0	468.0	363.5	363.5	162.0	Ø178.0

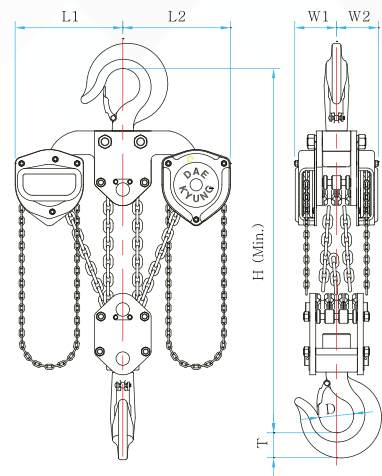
DH 1.0 ~ 2.0 TON



DH 3.0 ~ 15.0 TON



DH 20.0 ~ 50.0 TON



ITEM	FEATURE	STANDARD	CORROSION PROOF	EXPLOSION PROOF
LOAD CHAIN	Blackened	★		
	Mechanical Plated		★	★
HAND CHAIN	Galvanized	★	★	
	Stainless Steel (SUS316) Option		Option	★
SURFACE PROTECTION	Standard Painting (Min. 50µm)	★		
	Aluminum Ceramic Coated (Min. 30µm)		★	
	A.C.C. + Standard Painting		★	
	Special Painting	Option	Option	★
HOOKS	Standard Painting	★		
	Aluminum Ceramic Coated		★	
	Bronze Coated			★
TROLLEY ROLLERS	Standard Painting	★		
	Aluminum Ceramic Coated		★	
	Bronze Coated			★
NAME PLATE	Aluminum Name Plate	★	★	
	Stainless Steel Name Plate			★

Corrosion-proof type



Stainless Steel type



Explosion-proof type

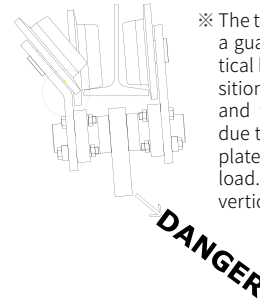


TROLLEY Model : DPT/DGT

DPT 1.0 TON



DGT 70.0 TON



※ The trolley is designed to withstand a guaranteed load from under Vertical load. Working in an angled position status of trolley is dangerous and the trolley may be damaged due to the force applied to the side plate from under the guaranteed load. (DK's TEST condition is the vertical load condition.)

제품특징

제품설명

트롤리 제품은 BEAM(RAIL)을 타고 다니는 주행장비입니다. 트롤리는 작동방식에 따라 플레인트롤리와 기어드트롤리로 분류되며, 특수목적용으로 커브빔 트롤리와 락킹트롤리가 있습니다. 트롤리는 주행장비로써 별도의 리프팅 기능이 없습니다. 일반적으로 트롤리와 체인블록을 결합하여 사용되며 체인블록은 리프팅이 가능한 장비입니다.

사용시 주의점

트롤리는 수직하중에서 보증하중을 견딜 수 있도록 설계되었습니다. 각도 작업은 위험하며, SIDE PLATE에 힘을 받게 되어 보증하중 이하에서 트롤리가 추락할 수 있습니다. 당사에서 시행하는 TEST 조건은 수직하중 조건입니다.

작동방법

플레인타입은 주행을 위한 조작장치가 없는 제품으로 결합된 체인블록이나 하중물을 밀어서 작동하는 장비입니다. 기어타입은 트롤리 자체에 조작을 위한 핸드체인이 부착되어 있습니다. 체인을 잡아당기면 트롤리가 작동합니다.

제품선정시 주의 사항

별도의 요청이 없을시 I-BEAM용으로 트롤리가 출고 됩니다.
커브빔 적용시 카탈로그에 명기된 MIN. RADIUS CURVE(mm) 값을 필히 확인하세요. 간섭 체크 및 최소거리는 카탈로그의 DIMENSION(mm) 표를 확인하세요

발주시 필수 표기사항

- (1) CAPACITY (ex. 1.0TON)
- (2) BEAM TYPE (ex. I-BEAM 150x75x5.5/9.5t)
- (3) CLASS CERT. 발급여부(CLASS CERT. 요구시 납기가 3~3개월 소요됨)
- (4) 도장사양 (필요시)
- (5) 옵션사양 : 트랙클램프, 락킹디바이스
- (6) BEAM CURVE RADIUS (ex. R1200)
- (7) HAND CHAIN LENGTH, 기어타입 제품만 표기 (ex. 2500mm)

권장사항

* 당사에서는 BEAM을 함께 제공하지 않습니다. BEAM 강도는 상기 그림과 같이 BEAM SIZE의 영향보다 BEAM SUPPORT 간격 "L"에 따라 많은 변화가 생기므로 BEAM 강도는 BEAM 제작업체에 문의 바랍니다.

Features

Description of products

Trolley is designed to move loads along the beam (rail). Trolley, as a device for travelling along the beam, doesn't lift loads. Trolley is divided into Plain Trolley and Geared Trolley. Curved Beam Trolley and Locking Trolley are being used for special usage. Trolley can be used together with Chain Block in order to lift loads.

Cautions at use

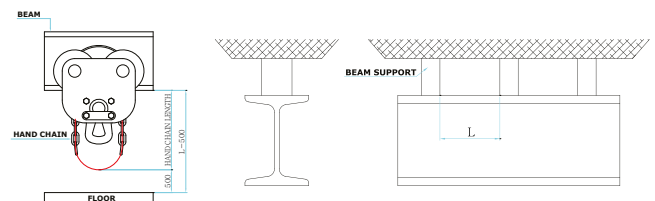
Trolley is designed to bear vertical loads only. Operating the trolley with various angles may cause the side plate to break (side plates are not designed to bear loads), resulting in the fall of the trolley. The test conditions implemented by our company are vertical load conditions.

How to operate

Plain type doesn't include operating device for travelling, so it works by pushing the loads or the Chain Block. On the other hand, Geared type has a hand chain for operation on it. The Geared Trolley will move forward or backward depending on which fall of the hand chain is pulled.

Cautions for product selection

Unless otherwise requested, trolleys will be designed for I-BEAM. When applying it to a curved beam, MIN. CURVE RADIUS (mm) that specified on our catalog should be checked. Check the DIMENSION (mm) table in the catalog to check the minimum distance.



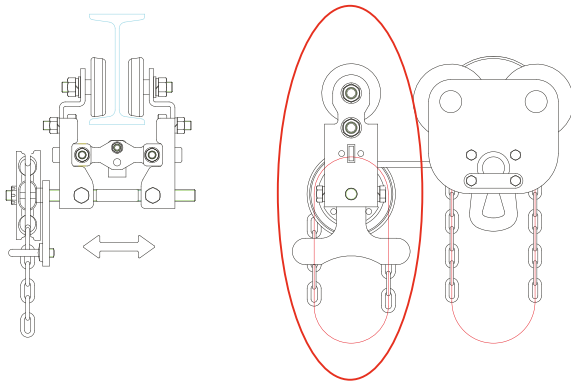
Notice

Beams are not supplied by our company. The strength of the beam is mainly affected by the beam type and "L". As shown in the drawing above, "L" is the distance between two BEAM SUPPORT. Contact your beam manufacturer for further information.

▪ Option

트랙클램프

수동트롤리 1~5톤까지 트랙클램프를 옵션으로 부착할 수 있습니다. 트랙클램프 장치를 부착하면 무 하중시 레일 어디에서나 트롤리를 고정시킬 수 있습니다. 트랙클램프는 트롤리 발주시에만 요청할 수 있으며, 트랙클램프 단독으로 구매할 수 없습니다. 표준제품에서 제품크기가 변경되므로 문의바랍니다.



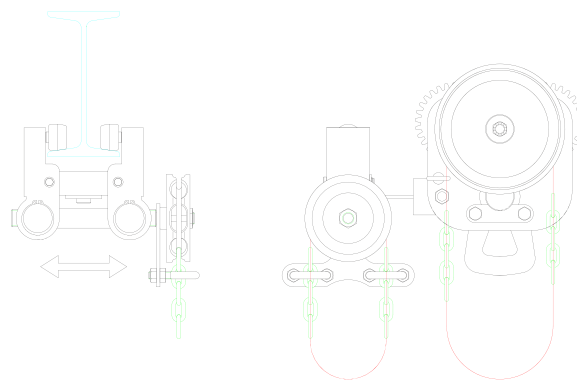
Track Clamp

Track Clamp can be attached on the 1~5ton Trolley as an option. By attaching a Track Clamp, the Trolley can be fixed anywhere on the rail when there is no load. Track Clamp can only be purchased when ordering Trolley, it cannot be purchased separately. Do not hesitate to contact us prior to placing an order or for more information.



파킹디바이스

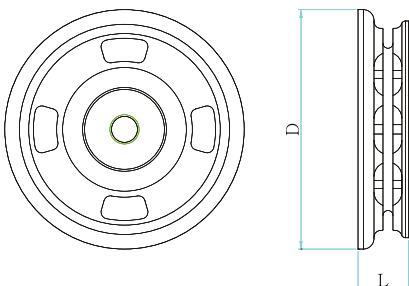
수동트롤리 0.5~20톤까지 트롤리에 파킹디바이스를 옵션으로 부착할 수 있습니다. 파킹디바이스를 부착하면 무 하중시 레일 어디에서나 트롤리를 고정시킬 수 있습니다. 파킹디바이스는 트롤리 발주시에만 요청할 수 있으며, 표준제품에서 제품크기가 변경되므로 문의바랍니다.



Parking Device

Parking Device can be attached on the 0.5~20ton Trolley as an option. By attaching a Parking Device, the Trolley can be fixed anywhere on the rail when there is no load. Parking Device can only be purchased when ordering Trolley, it cannot be purchased separately. Do not hesitate to contact us prior to placing an order or for more information.

핸드휠 규격



Dimensions (Hand Wheel)

Out Dia. (Ø)	112	DS-005	DS-010							
	150	DH-010	DS-015	DGT-005	DGT-010					
	180	DH-015	DS-020	DH-030	DH-050	DGT-015	DGT-020	DGT-030		
	210	DH-020	DGT-050							
	240	DH-100	DH-150	DH-200	DH-300	DH-400	DH-500	DGT-075	DGT-100	DGT-200
	300	DGT-150	DGT-300	DGT-400						
	348	DGT-500	DGT-700	DGT-1000						

TROLLEY Model : DPT/DGT

▪ Plain Trolley

DPT 1.0 TON



DPT 0.5 TON (Stainless Type)

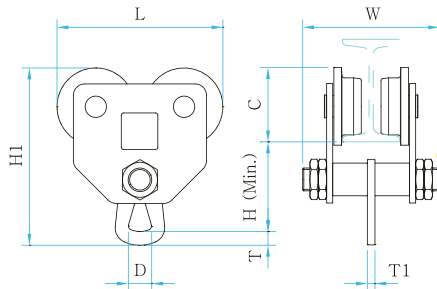


DPT 1.0 TON (Parking Type)



제품특징

PLAIN TROLLEY 0.5 ~ 3.0 TON



플레인트롤리는 가벼운 중량물을 이동시킬때 적합한 모델입니다. 별도의 조작장치가 없기 때문에 플레인트롤리를 작동하기 위해서는 체인블록을 장착하여 체인블록이나 중량물을 손으로 밀거나 당겨서 작동시켜야 합니다.

Plain Trolley is a suitable model for moving light loads. Since there is no separate operating device, a Chain Block must be installed in order to operate the Plain Trolley. The Chain Block or the loads must be pushed or pulled by hand to operate it.

Specifications

MODEL	CAPACITY (TON)	I-BEAM FLANGE WIDTH (mm)	MIN. CURVE RADIUS (mm)	NET WEIGHT (kg)
DPT-005	0.5	75 ~ 125	800	7.0
DPT-010	1.0	75 ~ 125	1200	10.0
DPT-015	1.5	75 ~ 125	1300	15.6
DPT-020	2.0	100 ~ 150	1300	15.6
DPT-030	3.0	100 ~ 150	1500	28.0

Dimensions

MODEL	CAPACITY (TON)	DIMENSIONS (mm)								
		I-BEAM FLANGE WIDTH	H (Min)	L	H1	W	C	D	T	T1
DPT-005	0.5	75.0	112.0	192.0	216.0	170.0	86.0	28.0	18.0	10.0
DPT-010	1.0	75.0	118.0	218.0	233.0	180.0	97.0	30.0	18.0	10.0
DPT-015	1.5	75.0	157.0	242.5	273.3	195.0	92.3	42.0	24.0	15.0
DPT-020	2.0	100.0	157.0	242.5	273.3	220.0	92.3	42.0	24.0	15.0
DPT-030	3.0	100.0	173.0	309.0	332.0	183.0	133.0	45.0	26.0	19.0

Geared Trolley

제품특징

기어트롤리는, 트롤리에 핸드휠과 핸드체인이 장착되어 있습니다. 핸드체인을 잡아당기면 좌/우로 이동시킬 수 있습니다. 기어트롤리를 작동하는 위치까지 핸드체인이 내려와야 하기 때문에 필요한 핸드체인 길이를 선정해주셔야 합니다.

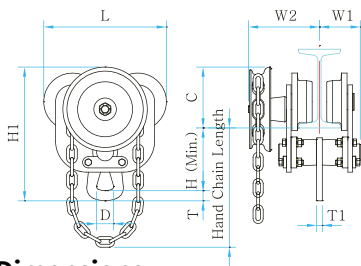
Specifications

MODEL	CAPACITY (TON)	I-BEAM FLANGE WIDTH(mm)	MIN. CURVE RADIUS (mm)	HAND CHAIN (mm)	CHAIN WEIGHT / LIFT 1m (kg) HAND CHAIN	NET WEIGHT (kg)
DGT-005	0.5	75 ~ 125	800	2.5	0.92	8.0
DGT-010	1.0	75 ~ 125	1,200	2.5	0.92	12.2
DGT-015	1.5	75 ~ 125	1,300	2.5	0.92	18.5
DGT-020	2.0	100 ~ 150	1,300	2.5	0.92	18.5
DGT-030	3.0	100 ~ 150	1,500	3.0	0.92	30.5
DGT-050	5.0	125 ~ 175	1,600	3.0	0.92	42.5
DGT-075	7.5	150 ~ 190	2,100	3.5	0.92	80.0
DGT-100	10.0	150 ~ 190	2,500	3.5	0.92	114.0
DGT-150	15.0	150 ~ 190	3,200	3.5	0.92	246.0
DGT-200	20.0	150 ~ 190	8,000	3.5	0.92 x 2	316.0
DGT-300	30.0	175 ~ 190	ONLY STRAIGHT	3.5	0.92 x 2	560.0
DGT-400	40.0	175 ~ 190	ONLY STRAIGHT	3.5	0.92 x 2	708.0
DGT-500	50.0	175 ~ 190	ONLY STRAIGHT	3.5	0.92	810.0
DGT-700	70.0	175 ~ 190	ONLY STRAIGHT	3.5	0.92 x 2	1,340.0
DGT-1000	100.0	175 ~ 190	ONLY STRAIGHT	3.5	0.92 x 2	1,674.0

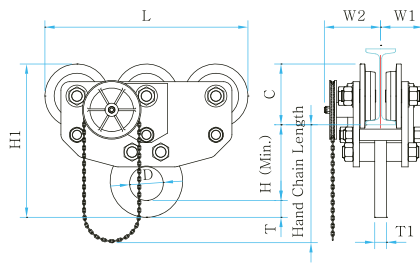
* 상기 표기된 I-BEAM FLANGE WIDTH 보다 큰 사이즈는 문의 바랍니다.

* Contact us, if larger I-BEAM FLANGE WIDTH is used.

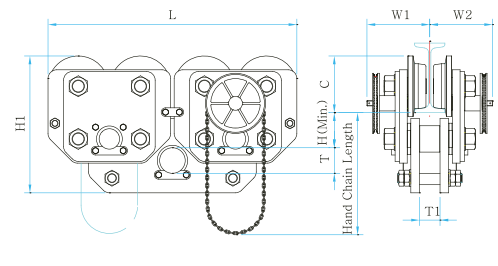
DGT 0.5 ~ 15.0 TON



DGT 50.0 TON



DGT 20.0 ~ 40.0 TON, 70.0 TON, 100.0 TON



Dimensions

MODEL	CAPACITY (TON)	DIMENSIONS (mm)									
		I-BEAM FLANGE WIDTH	H (Min)	L	H1	W1	W2	C	D	T	T1
DGT-005	0.5	75.0	104.5	185.0	213.4	71.5	126.5	92.0	30.5	18.0	10.0
DGT-010	1.0	75.0	115.0	218.0	237.7	72.5	127.5	109.0	30.5	18.0	10.0
DGT-015	1.5	100.0	147.0	234.5	292.2	88.0	143.0	129.0	44.0	26.0	15.0
DGT-020	2.0	100.0	147.0	234.5	292.2	88.0	143.0	129.0	44.0	26.0	15.0
DGT-030	3.0	100.0	173.0	309.0	332.0	91.5	149.5	124.0	45.1	26.0	19.0
DGT-050	5.0	125.0	197.0	311.0	364.0	118.0	178.5	138.0	55.3	30.0	22.0
DGT-075	7.5	150.0	242.0	366.0	438.0	146.0	226.5	156.0	80.0	36.0	30.0
DGT-100	10.0	150.0	262.0	460.0	499.5	152.0	231.0	196.0	80.0	42.5	40.0
DGT-150	15.0	150.0	413.0	510.0	690.0	173.0	262.0	213.0	120.0	65.0	65.0
DGT-200	20.0	150.0	148.0	940.0	486.0	231.0	231.0	196.0	-	85.0	102.0
DGT-300	30.0	175.0	157.0	1024.0	535.0	274.0	274.0	220.0	-	108.0	111.0
DGT-400	40.0	175.0	162.0	1020.0	560.0	304.0	304.0	225.0	-	118.0	111.0
DGT-500	50.0	175.0	456.0	1204.0	909.0	306.0	334.0	354.0	200.0	150.0	70.0
DGT-700	70.0	190.0	199.0	1240.0	715.0	360.0	360.0	278.0	-	128.0	132.0
DGT-1000	100.0	190.0	209.0	1440.0	792.0	371.0	317.0	323.0	-	148.0	134.0

* "W" 값은 I-BEAM FLANGE WIDTH 값을 기준으로 작성된 수치입니다.

* "W" value is based on I-BEAM FLANGE WIDTH.

* H (Min) 값은 선정된 Beam의 두께에 따라 ±5% 정도 값이 변할 수 있습니다.

* H (Min) value can differ ±5% depending on selected beam's thickness.

CURVED BEAM TROLLEY Model : DBPT/DBGT

▪ Curved Beam Plain Trolley

제품특징

커브빔 플레인트롤리는 밴딩빔에 최적화된 특수타입 트롤리입니다.
빔 밴딩으로 인해 불가피하게 당사의 표준 플레인트롤리를 사용하기 힘들때 선정을 고려해 주십시오.

Features

Plain Trolleys cannot travel on a curved beam track; therefore a Curved Beam Trolley has to be used. Curved Beam Trolley is designed to fit beams with curved tracks with a minimum radius curve of 600 mm.

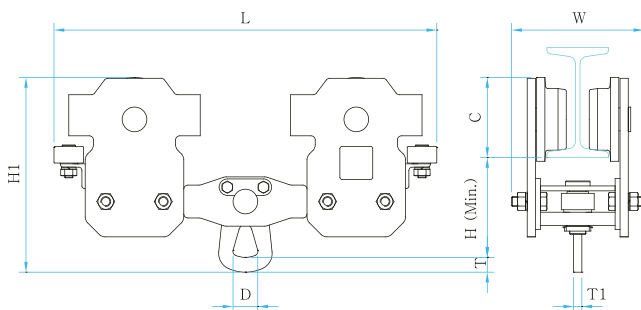
Specifications

MODEL	CAPACITY (TON)	I-BEAM FLANGE WIDTH (mm)	MIN. CURVE RADIUS (mm)	NET WEIGHT (kg)
DBPT-010	1.0	75 ~ 125	600	20.0
DBPT-020	2.0	100 ~ 150	700	32.0
DBPT-030	3.0	100 ~ 150	800	50.0

* 상기 표기된 I-BEAM FLANGE WIDTH 보다 큰 사이즈는 문의 바랍니다.

* Contact us, if larger I-BEAM FLANGE WIDTH is used.

DBPT 1.0 ~ 3.0 TON



DBPT 1.0 TON



Dimensions

MODEL	CAPACITY (TON)	DIMENSIONS (mm)								
		I-BEAM FLANGE WIDTH	H (Min)	L	H1	W	C	D	T	T1
DBPT-010	1.0	75.0	122.0	456.0	237.0	161.0	98.0	30.0	18.0	10.0
DBPT-020	2.0	100.0	168.0	486.0	293.0	194.0	102.0	42.0	24.0	15.0
DBPT-030	3.0	100.0	184.0	606.0	343.0	210.0	134.0	45.0	26.0	18.0

* "W" 값은 I-BEAM FLANGE WIDTH 값을 기준으로 작성된 수치입니다.

* H (Min) 값은 선정된 Beam의 두께에 따라 ±5% 정도 값이 변할수 있습니다.

* "W" value is based on I-BEAM FLANGE WIDTH.

* H (Min) value can differ ±5% depending on selected beam's thickness.

Curved Beam Geared Trolley

제품특징

커브빔 기어트롤리는 밴딩빔에 최적화된 특수타입 트롤리입니다. 빔 밴딩으로 인해 불가피하게 당사의 표준 기어트롤리를 사용하기 힘들때 선정을 고려해 주십시오. 커브빔 기어트롤리를 작동하는 위치까지 핸드체인이 내려와야하기 때문에 필요한 핸드체인 길이를 선정해주셔야 합니다.

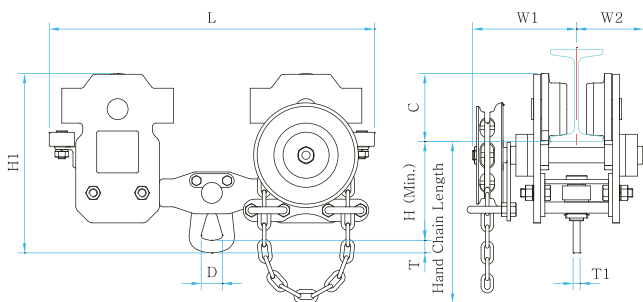
Features

Geared Trolleys cannot travel on a curved beam track; therefore a Curved Beam Geared Trolley has to be used. Curved Beam Geared Trolley is designed to fit beams with curved tracks with a minimum radius curve of 600 mm. Hand chain length has to be notified when ordering, since there is no standard size for this chain. Keep in mind that the chain should be easily accessible for operator but not too long in order to prevent dragging on the ground.

Specifications

MODEL	CAPACITY (TON)	I-BEAM FLANGE WIDTH (mm)	MIN. CURVE RADIUS (mm)	HAND CHAIN	CHAIN WEIGHT / LIFT 1m (kg)	NET WEIGHT (kg)
					HAND CHAIN	
DBGT-010	1.0	75 ~ 125	600	2.5	0.92	25.0
DBGT-020	2.0	100 ~ 150	700	2.5	0.92	36.0
DBGT-030	3.0	100 ~ 150	800	2.5	0.92	56.0
DBGT-050	5.0	125 ~ 175	1,200	3.0	0.92	80.0
DBGT-100	10.0	150 ~ 190	1,500	3.0	0.92	235.0
DBGT-150	15.0	150 ~ 190	2,000	3.5	0.92	395.0
DBGT-300	30.0	175 ~ 190	6,500	3.5	0.92 x 2	850.0

DBGT 1.0 ~ 30.0 TON



DBGT 1.0 TON



Dimensions

MODEL	CAPACITY (TON)	DIMENSIONS (mm)									
		I-BEAM FLANGE WIDTH	H (Min)	L	H1	W1	W2	C	D	T	T1
DBGT-010	1.0	75.0	142.0	456.0	256.0	149.0	96.0	98.0	30.0	18.0	10.0
DBGT-020	2.0	100.0	176.0	491.5	301.0	169.0	111.0	102.0	42.0	24.0	15.0
DBGT-030	3.0	100.0	203.0	616.0	362.0	173.0	116.0	134.0	45.0	26.0	18.0
DBGT-050	5.0	125.0	235.0	680.0	402.0	210.0	134.0	138.0	56.0	30.0	22.0
DBGT-100	10.0	150.0	279.0	914.0	518.0	246.0	165.0	196.0	80.0	42.5	40.0
DBGT-150	15.0	150.0	375.0	1048.0	654.0	264.2	211.0	215.0	120.0	65.0	65.0
DBGT-300	30.0	175.0	500.0	1420.0	782.0	305.5	305.5	232.0	140.0	77.0	70.0

* "W" 값은 I-BEAM FLANGE WIDTH 값을 기준으로 작성된 수치입니다.

* H (Min) 값은 선정된 Beam의 두께에 따라 ±5% 정도 값이 변할수 있습니다.

* "W" value is based on I-BEAM FLANGE WIDTH.

* H (Min) value can differ ±5% depending on selected beam's thickness.

ULTRA LOW HEADROOM HOIST Model : DLHP/DLHG/DLCG

DLHG 1.0 TON



DLHG 30.0 TON



DLCG 30.0 TON



제품특징

제품설명

로우 헤드룸 호이스트는 수동트롤리와 체인블록의 일체형 모델입니다. 레일주행과 리프팅이 모두 가능한 장비지만, 최소거리 "H(Min)" 값이 매우 작아 천장이 낮은 곳에도 작업이 가능합니다. 로우 헤드룸 호이스트는 DLHP 모델과 DLHG 모델이 있으며, DLHP 모델은 주행을 위한 별도의 장치가 없고, DLHG 모델은 주행을 위한 핸드체인이 장착되어 있는 모델입니다.

작동방법

체인블록의 핸드체인을 잡아당기면 로드체인이 올라가거나 내려가면서 하중물이 상, 하로 이동합니다. 주행을 위한 트롤리의 핸드체인은 DLHG 모델만 부착되어 있으며, 핸드체인을 잡아당기면 로우 헤드룸 호이스트가 좌, 우로 이동합니다.

사용시 주의점

로우 헤드룸 호이스트는 수직하중에 최적화 되어 있는 제품입니다. 하중물을 들어올릴때, 혹은 로드체인이 수직이 되어야 보증하중을 버틸 수 있습니다. 로우 헤드룸 호이스트의 혹은 로드체인은 산업안전보건법에 따라 혹은 임구가 10%이상 늘어나거나 로드체인이 10%이상 늘어나면 관련부품을 교체하도록 되어 있으며, 당사에서는 5% 이상 늘어났을 때 교체를 권해드립니다. 수동력으로 작동하는 제품은 수시로 오버로드의 위험에 노출되어 있습니다. 혹은 로드체인의 경우 육안으로 늘어난 길이를 확인 할 수 없으므로, 로드체인, 혹은 체인핀 등 직접적으로 하중이 받는 부품은 수시로 점검하여 안전사고를 예방해야 합니다.

제품선정시 주의점

로우 헤드룸 호이스트는 최소거리H(Min) 값 이상으로 물건을 들어올릴 수 없습니다. 혹은 결합되는 부품이 서로 호환이 가능한지 확인해야 합니다. 로우 헤드룸 호이스트는 최소거리 "H(Min)" 값이 작은 반면, 커브빔에 취약하므로, 꼭 커브빔값을 확인하세요. 간섭 체크 및 최소거리는 카달로그의 DIMENSIONS(mm) 표를 확인하세요.

발주시 필수 표기사항

- (1) 용량 (ex. 1.0TON)
- (2) 빔규격 (ex. I-BEAM 150x75x5.5/9.5t)
- (3) BEAM RADIUS (ex. R1200)
- (4) 로드체인 길이, 핸드체인 길이 : 체인블럭
- (5) 핸드체인 길이 : Trolley
- (6) 선급 CERT. 발급여부 (선급 CERT. 요구시 납기가 3~5개월 소요됨)
- (7) 도장사양 : 필요시

Features

Description of products

Combining Chain Block and Manual Trolley made it possible for Low Headroom Hoist to travel and lift with minimal distance from beam to lifting hook ("H" value). Therefore, Low Headroom Hoist is the perfect choice when working under low to very low ceiling height (mines, ships, etc.). Moreover, Low Headroom Hoist comes in various versions, DLHP model is the basic version, DLHG model includes hand chain for travelling and DLCG is designed to fit a curved beam track with a minimum radius curve as low as 1,000mm. Most types are available in explosion proof version.

How to operate

DLHP models are operated like Chain Block, pulling one of the two hand chains will either lift or lower the load. DLHG models have two sets of hand chains, one for lifting and lowering the load and the other one for travelling the hoist and its load along the beam track. DLCG models are operated like DLHG models.

Cautions at use

Low Headroom Hoist is designed to bear vertical loads only. When lifting a load, upper hook, bottom hook and load chain should be aligned in vertical position in order to bear the safety load. According to Occupation Safety and Health Acts, hook and load chain of Low Headroom Hoist should be replaced if the entrance of hook is stretched by more than 10% or if load chain is stretched by more than 5%. Load chain, hook and chain pin which are directly bearing the load should be checked regularly since stretched length is difficult to measure through visual inspection. Hoists are devices that are easily exposed to risk of overload, be careful when using such devices.

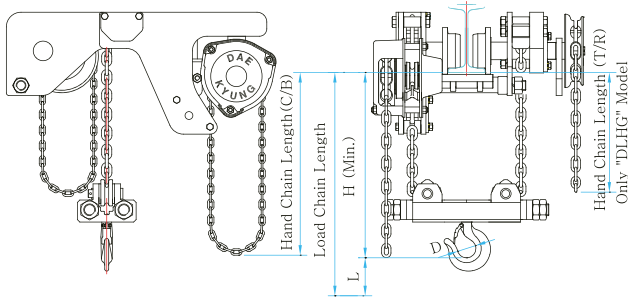
Cautions at product selection

Low Headroom Hoist cannot lift loads beyond the minimum distance ("H" value). Compatibility between hook and lifting component (lifting eyes, slings, etc.) should be checked prior to handling any lift. Plain type and Geared type of Low Headroom Hoists have a minimal value for "H1", but Curved Beam type of Low Headroom Hoist has greater "H1" value for the same load capacity. Do not hesitate to contact us for further information concerning Low Headroom Hoists.

Requirements to write at order

- (1) CAPACITY (ex. 1.0TON)
- (2) BEAM SIZE (ex. I-BEAM 150x75x5.5/9.5t)
- (3) BEAM RADIUS (ex. R1200)
- (4) LOAD CHAIN LENGTH, HAND CHAIN LENGTH : Chain Block
- (5) HAND CHAIN LENGTH (Trolley) (ex. 2500mm)
- (6) Whether CLASS CERT is required or not.
(3 to 5 months is required for submission)
- (7) PAINTING SPEC : OPTION

Low Headroom Hoist



핸드체인 길이는 작업자의 위치에 맞추어 길이를 선정하시면 됩니다.
핸드체인이 바닥에 끌리게 되면 작동이 불편하므로 바닥에서 500mm 정도 띄울것을 권해드립니다.

Hand chain can be and should be adjusted according to operator height. We recommend keeping a 500 mm distance between the bottom of the hand chain and the floor to prevent dragging the hand chain on the ground.

- LOAD CHAIN LENGTH = H + L
- HAND CHAIN LENGTH(C/B) = LOAD CHAIN LENGTH - 500
- HAND CHAIN LENGTH(T/R) = LOAD CHAIN LENGTH - 500
- Loads cannot be lifted above "H" value.

Ultra Low Headroom Hoist [Plain Type]

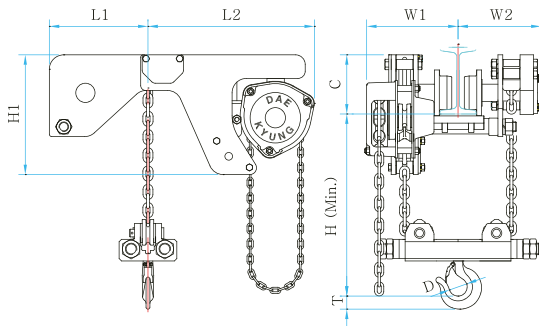
제품특징

DLHP 모델은 레일을 주행하는 별도의 조작장치가 없기 때문에 혹이나 중량물을 손으로 밀거나 당겨서 이동 시켜야 합니다.

Features

DLHP model does not include a separated traveling device; therefore, traveling is obtained by pushing the load or the bottom hook.

DLHP 1.0 ~ 2.0 TON



DLHP 1.0 TON



Specifications

MODEL	CAPACITY (TON)	I-BEAM FLANGE WIDTH (mm)	MIN. CURVE RADIUS (mm)	STD. CHAIN LENGTH			CHAIN SPEC.		CHAIN WEIGHT / LIFT 1m (kg)		OPERATION LOAD (kg)	NO. OF LOAD CHAIN FALLS	STD. NET WEIGHT (kg)
				LOAD CHAIN (C/B)	HAND CHAIN (C/B)	HAND CHAIN (T/R)	LOAD CHAIN	HAND CHAIN	LOAD CHAIN	HAND CHAIN			
DLHP-010	1.0	75 ~ 125	2900	2.5	2.0	-	Ø6.3 x P19.1	Ø5.0 x P23.3	1.72	0.92	30.0	2	61.0
DLHP-020	2.0	75 ~ 125	3200	3.0	2.5	-	Ø7.1 x P20.2	Ø5.0 x P23.3	2.22	0.92	30.0	2	64.0

Dimensions

MODEL	CAPACITY (TON)	I-BEAM FLANGE WIDTH (mm)	DIMENSIONS (mm)								
			H (Min.)	H1	L1	L2	W1	W2	C	D	T
DLHP-010	1.0	75.0	140.0	249.0	210.0	351.0	195.5	165.0	123.0	38.0	27.0
DLHP-020	2.0	75.0	160.0	285.0	205.0	355.5	201.5	171.0	123.0	41.0	27.0

ULTRA LOW HEADROOM HOIST Model : DLHP/DLHG/DLCG

▪ Ultra Low Headroom Hoist [Geared Type]

제품특징

DLHG 모델은 주행을 위한 핸드체인이 장착되어 있습니다. 핸드체인을 잡아당기면 로우헤드룸 호이스트를 좌, 우로 이동시킬 수 있습니다.

Features

DLHG model includes a hand chain to operate the traveling device. Depending on which fall of the hand chain is pulled, the hoist will move forward or backward along the beam track.

DLHG 5.0 TON



DLHG 30.0 TON



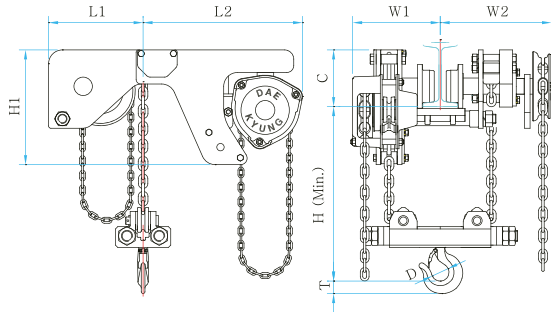
Specifications

MODEL	CAPACITY (TON)	I-BEAM FLANGE WIDTH (mm)	MIN. CURVE RADIUS (mm)	STD. CHAIN LENGTH			CHAIN SPEC.		CHAIN WEIGHT / LIFT m (kg)		OPERATION LOAD (kg)	NO. OF LOAD CHAIN FALLS	STD. NET WEIGHT (kg)
				LOAD CHAIN (C/B)	HAND CHAIN (C/B)	HAND CHAIN (T/R)	LOAD CHAIN	HAND CHAIN	LOAD CHAIN	HAND CHAIN			
DLHG-010	1.0	75 ~ 125	2900	2.5	2.0	2.0	Ø6.3 x P19.1	Ø5.0 x P23.3	1.72	0.92	30.0	2	59.0
DLHG-020	2.0	75~125	3200	3.0	2.5	2.5	Ø7.1 x P21.0	Ø5.0 x P23.3	2.22	0.92	30.0	2	63.0
DLHG-030	3.0	100~150	3500	3.0	2.5	2.5	Ø7.9 x P23.0	Ø5.0 x P23.3	2.72	0.92	33.0	2	150.0
DLHG-050	5.0	125~175	STRAIGHT	3.0	2.5	2.5	Ø11.1 x P33.3	Ø5.0 x P23.3	5.32	0.92	49.0	2	195.0
DLHG-060	6.0	125~175	STRAIGHT	3.0	2.5	2.5	Ø7.9 x P23.0	Ø5.0 x P23.3	5.44	0.92	35.0	4	300.0
DLHG-100	10.0	150~190	STRAIGHT	3.5	3.0	3.0	Ø11.1 x P33.3	Ø5.0 x P23.3	10.64	0.92	49.0	4	460.0
DLHG-200	20.0	150~190	STRAIGHT	3.5	3.0	3.0	Ø11.1 x P33.3	Ø5.0 x P23.3	15.96	0.92	55.0 x 2	6	850.0
DLHG-300	30.0	175~190	STRAIGHT	3.5	3.0	3.0	Ø11.1 x P33.3	Ø5.0 x P23.3	26.60	0.92	53.0 x 2	10	1,320.0

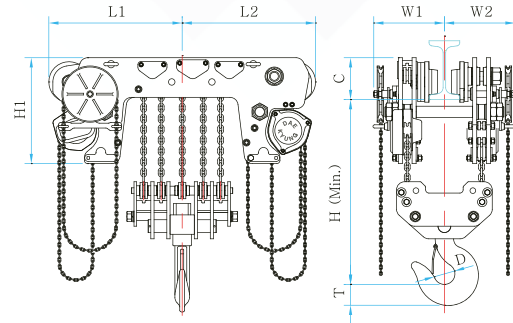
Dimensions

MODEL	CAPACITY (TON)	I-BEAM FLANGE WIDTH (mm)									
			H (Min)	H1	L1	L2	W1	W2	C	D	T
DLHG-010	1.0	75.0	140.0	249.0	210.0	351.0	210.0	241.5	123.0	38.0	27.0
DLHG-020	2.0	75.0	160.0	285.0	205.0	355.5	201.5	261.5	123.0	41.0	27.0
DLHG-030	3.0	100.0	220.0	375.0	262.0	423.0	224.5	293.5	173.0	58.0	44.0
DLHG-050	5.0	125.0	320.0	407.0	256.4	530.0	278.0	341.0	178.0	64.0	59.0
DLHG-060	6.0	125.0	300.0	565.0	347.5	445.5	251.3	306.5	195.0	76.0	57.0
DLHG-100	10.0	150.0	320.0	643.0	436.0	560.0	290.0	349.0	243.0	86.0	70.0
DLHG-200	20.0	150.0	520.0	660.0	730.0	730.0	403.2	403.2	262.0	127.0	92.4
DLHG-300	30.0	175.0	635.0	655.0	825.0	825.0	424.5	424.5	255.0	130.0	130.0

LOW HEADROOM HOIST 1.0~10.0 TON



LOW HEADROOM HOIST 20.0~30.0 TON



Low Headroom Hoist [Curved Beam Type]

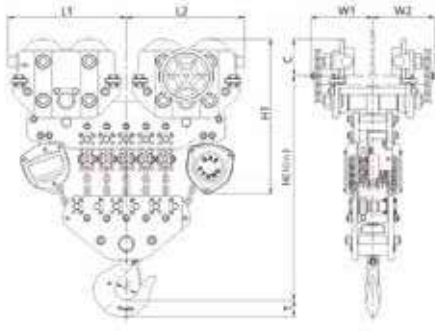
제품특징

DLCG 모델은 최소거리 "H (Min)" 값을 최소"로 유지시키면서 최소 회전 반경값 또한 유지가 필요한 특수한 작업환경에 알맞는 로우 헤드룸호이스트입니다.

Features

DLCG model is our standard model with a "H(Min)" value of minimum and a min. radius curve value. Do not hesitate to contact us if your load capacity need is below model.

DLCG 30.0 TON (Special Type)



DLCG 30.0 TON (Special Type)

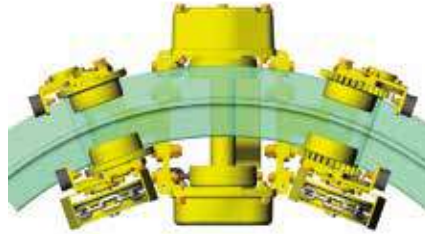


Specifications

MODEL	CAPACITY (TON)	I-BEAM FLANGE WIDTH (mm)	MIN. CURVE RADIUS (mm)	STD. CHAIN LENGTH			CHAIN SPEC.		CHAIN WEIGHT / LIFT 1m (kg)		OPERATION LOAD (kg)	NO. OF LOAD CHAIN FALLS	STD. NET WEIGHT (kg)
				LOAD CHAIN (C/B)	HAND CHAIN (C/B)	HAND CHAIN (T/R)	LOAD CHAIN	HAND CHAIN	LOAD CHAIN	HAND CHAIN			
DLCG-300	30.0	300.0	6100	3.5	3.5	3.5	Ø11.1 x P33.3	Ø5.0 x P23.3	32.0	1.84	42.0 x 2	12.0	1480.0

Dimensions

MODEL	CAPACITY (TON)	I-BEAM FLANGE WIDTH (mm)	DIMENSIONS (mm)								
			H (Min)	H1	L1	L2	W1	W2	C	D	T
DLCG-300	30.0	300.0	1060.0	860.0	652.0	652.0	340.0	340.0	202.5	127.0	92.0



제품특징

제품설명

커브빔 트롤리와 수동 체인블록의 일체형 모델입니다. 최소거리 "H(Min)" 값이 매우 작아 천장이 낮은 곳에도 작업이 가능합니다. 또한 커브빔의 회전 반경값을 최소로 하여 특수한 작업환경에 알맞게 설계되었습니다. DSLP 모델은 주행을 위한 별도의 장치가 없고, DSLG 모델은 주행을 위한 핸드체인이 장착되어 있는 모델입니다.

작동방법

체인블록의 핸드체인을 잡아당기면 로드체인이 올라가거나 내려가면서 하중물이 상, 하로 이동합니다. 주행을 위한 트롤리의 핸드체인은 DSLG 모델만 부착되어 있으며, 핸드체인을 잡아당기면 로우 헤드룸 호이스트가 좌, 우로 이동합니다.

제품선택시 주의점

로우 헤드룸 호이스트는 최소거리H(Min) 값 이상으로 물건을 들어올릴 수 없습니다. 혹은 결합되는 부품이 서로 호환이 가능한지 확인해야 합니다. 커브빔의 최소 값에 대한 제한이 있으므로, 꼭 최소 반경값을 확인 바랍니다. 간섭 체크 및 최소거리는 카달로그의 Dimension(mm) 표를 확인 바랍니다.

옵션

락킹 디바이스 - 락킹 디바이스를 옵션으로 부착할 수 있습니다. 락킹 디바이스 장치를 부착하면 호이스트 사용 중 레일 어디에서나 호이스트를 고정시킬 수 있습니다. 락킹 디바이스는 제품 발주시에만 요청할 수 있으며, 락킹 디바이스 단독으로 구매할 수 없습니다. 표준 제품에서 제품 크기가 변경되므로 문의 바랍니다.

Features

Description of products

Curved Beam type of Low Headroom Hoist is a combination of Curved Beam Trolley and Chain Block. Minimum distance ("H" value) from beam to hook is very low. Therefore, it is suitable for using in environment with extremely low ceiling height equipped with curved beam track.

In addition, it is designed to suit the special working environment by minimizing the minimum curve radius of the curved beam.

The DSLP model is combined with a push Trolley and DSLG model is combined with a geared Trolley.

How to operate

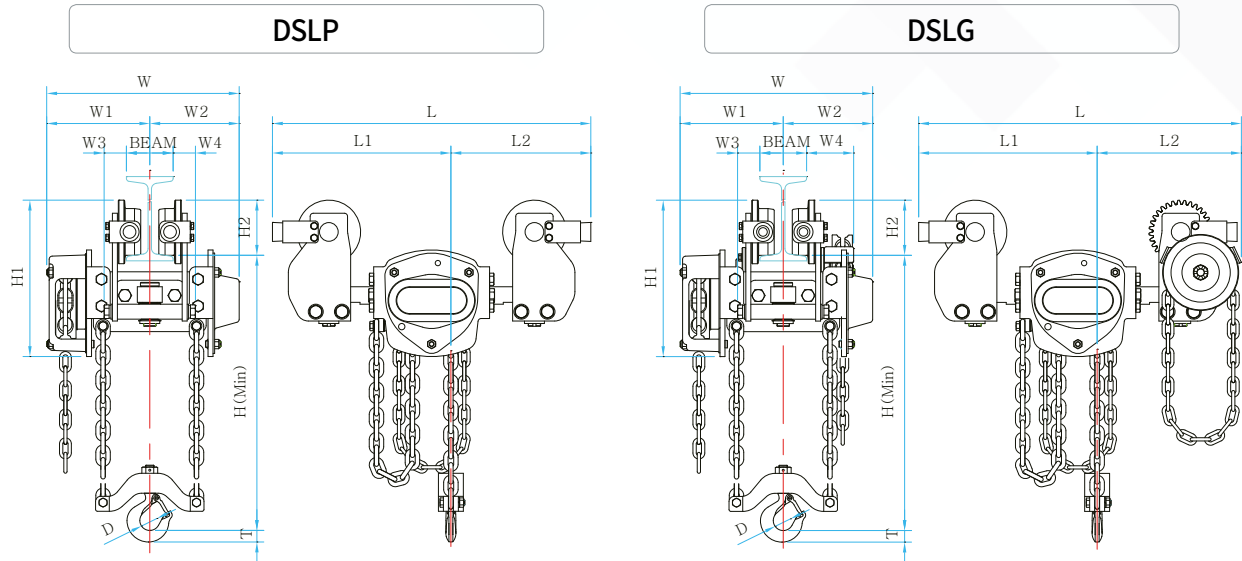
By pulling one of the two falls of the Chain Block, the load chain will either lift or lower the load. On DSLG model, pulling one of the two falls of the hand chain moves the Low Headroom Hoist forward and backward along the beam.

Cautions at use

Low Headroom Hoist is not able to lift load beyond the minimum distance (H). Check if the dimension of the component and the hook are compatible with each other. Check the curve radius value of your beam, it should be equal to or greater than the minimum curve radius of the Trolley. Refer to the dimensions table for more information regarding minimum distance.

Option

Locking Device - Locking Device is an option for Curved Beam type. Low Headroom Hoist can be fixed anywhere on the rail by attaching locking device. Locking Device can only be purchased when ordering the Hoist, it cannot be purchased separately. Do not hesitate to contact us prior to placing an order or for more information.



Specifications

MODEL	CAPACITY (TON)	I-BEAM FLANGE WIDTH (mm)	MIN. CURVE RADIUS (mm)	STD. CHAIN LENGTH				CHAIN SPEC.		CHAIN WEIGHT / LIFT 1m (kg)		OPERATION LOAD (kg)	NO. OF LOAD CHAIN FALLS	STD. NET WEIGHT (kg)
				LOAD CHAIN (C/B)	HAND CHAIN (C/B)	HAND CHAIN (T/R)	HAND CHAIN (P/D)	LOAD CHAIN	HAND CHAIN	LOAD CHAIN	HAND CHAIN			
DSLP-010	1.0	75 ~ 100	600	2.5	2.0	-	-	ø7.1 x P20.2	Ø5.0 x P23.3	2.22	0.92	44.0	2	38.0
DSLP-020	2.0	100 ~ 150	700	3.0	2.5	-	-	ø7.1 x P20.2	ø5.0 x P23.3	4.44	0.92	44.0	4	62.0
DSLГ-010	1.0	75 ~ 100	600	2.5	2.0	2.0	-	ø7.1 x P20.2	ø5.0 x P23.3	2.22	0.92	44.0	2	42.0
DSLГ-020	2.0	100 ~ 150	700	3.0	2.5	2.5	-	ø7.1 x P20.2	ø5.0 x P23.3	4.44	0.92	44.0	4	67.0
DSLГ-040	3.0	100 ~ 150	1000	3.0	2.5	2.5	-	ø7.1 x P20.2	ø5.0 x P23.3	4.44	0.92	38.8	4	98.0
DSLГ-060	6.0	125 ~ 175	1200	3.0	2.5	2.5	-	ø9.5 x P28.6	ø5.0 x P23.3	7.76	0.92	52.5	4	161.0

Dimensions

MODEL	DIMENSIONS (mm)													
	H (Min)	H1	H2	L	L1	L2	BEAM SIZE	W	W1	W2	W3	W4	D	T
DSLP-010	150.0	240.0	88.5	511.0	286.5	224.5	75 ~ 100	309.0	165.5	143.5	36.0	36.0	Ø31.8	18.5
DSLP-020	175.0	266.0	93.5	601.0	332.5	268.5	100 ~ 150	342.0	182.0	160.0	39.0	39.0	Ø38.1	25.5
DSLГ-010	150.0	240.0	88.5	518.0	286.5	231.5	75 ~ 100	309.0	165.5	143.5	38.5	77.5	Ø31.8	18.5
DSLГ-020	175.0	266.0	93.5	609.0	332.5	276.5	100 ~ 150	342.0	182.0	160.0	41.5	80.5	Ø38.1	25.5
DSLГ-040	220.0	326.0	124.0	712.5	399.5	313.0	100 ~ 150	390.0	202.0	188.0	48.2	88.0	Ø50.5	36.7
DSLГ-060	254.0	395.5	128.0	852.5	486.5	366.0	125 ~ 175	443.0	153.5	214.5	60.8	101.5	Ø63.5	46.2

DEX 1.0 TON



DKEH 3.0 TON



제품특징

밀폐형 구조

DEX시리즈 모델의 기어박스과 전기판넬은 밀폐형 구조로 인해 먼지와 습기로부터 완벽히 보호됩니다. 또한 정밀 가공된 기어와 오일 윤활방식을 채택하여 기어의 마모를 최소화 하며 제품의 오랜 수명을 보장 합니다.

전자식 과부하방지 센서

전자식 과부하방지 센서는 전동호이스트 작동시 지속적으로 모니터링됩니다. 정격하중 이상의 과도한 하중을 사용하여, 모터내에 과도한 전류가 발생되면 자동으로 경고음이 발생하며 호이스트는 작동정지 됩니다.

듀얼 스피드

DEX시리즈 모델은 인버터 컨트롤러가 탑재되어 정확하고 정밀한 동작과 다양한 속도 조절이 가능합니다.

알루미늄 바디

알루미늄 다이캐스팅으로 제작되고 정밀 가공된 호이스트 바디와 모터 하우징은 높은 방열 효과로 인해 내구성을 보장합니다

권유사항

1. 사용전원은 220V / 380V / 440V (60Hz)가 표준이며, 그 외의 전압(주파수)은 상담해 주십시오.
2. 양정(로드체인), 조작 스위치선, 인입전원선의 길이는 변경이 가능합니다.
3. 로드체인은 용접하여 이어서 사용할 수 없습니다.
4. 조작스위치에는 비상정지 버튼이 장착되어 있으므로, 비상정지를 요할 때는 간단히 사용할 수 있습니다.
5. 4점식(트롤리 결합식)의 경우 설치되는 구조물(BEAM)의 규격에 따라 트롤리 롤러간 간격 조절이 가능합니다.
6. 4점식(트롤리 결합식)의 경우 주행브레이크 장착이 가능합니다.
7. 4점식(트롤리 결합식)의 경우 RACK & PINION GEAR TYPE 으로 제작이 가능합니다.
8. 메인스위치 박스, 정션박스 추가 주문할 수 있습니다.
9. 캐리스터, 매직행거, 스페어파트, 공구박스등 추가는 상담하여 주십시오.
10. 특수환경 사용을 위한 도장, 표면처리 추가는 상담하여 주십시오.

With Plain Trolley



With Geared Trolley



With Curved Beam Plain Trolley



With Curved Beam Geared Trolley



With Electric Trolley



With Electric Curved Beam Trolley



Features

Enclosed structure

Critical components such as gear box and electronic components of the DEX models are completely protected from dust and moisture due to the enclosed structure. In addition, precision-machined gear and oil lubrication method are adopted to protect the gear from getting worn out.

Electronic overload protection sensor

An electronic overload protection sensor is continuously monitoring the load when the electric hoist is being operated. Should an overload occur; the sensor will send a signal which automatically stops the hoist and turn on the alarm.

Dual speed

DEX models are able to lift at dual speed and deliberate movement by using an inverter controller.

Aluminium body

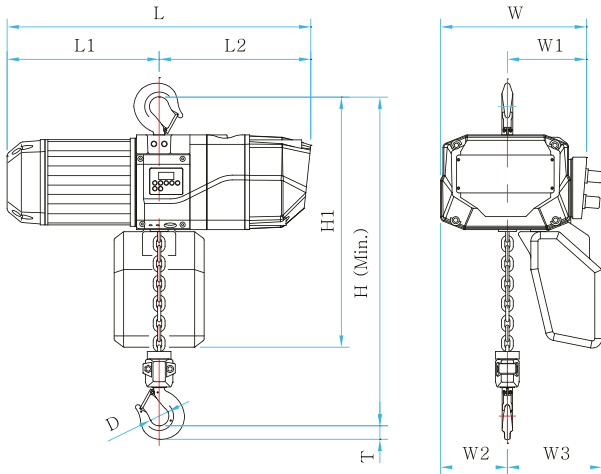
DEX model comes with die-casted aluminium body and motor housing, providing outstanding cooling performance.

Notice

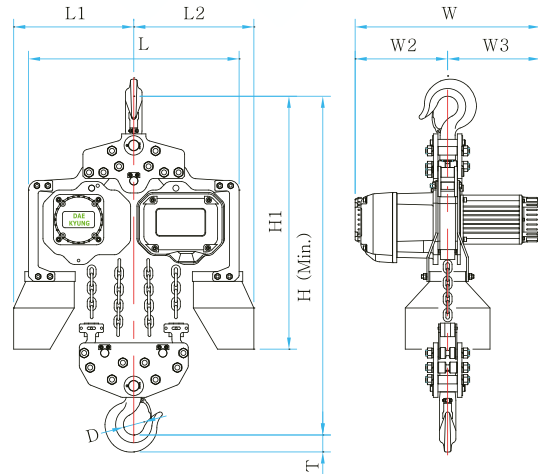
1. Supplied in standard power supply: 220/380/440V – 60Hz. Contact us for other power supply.
2. Length of load chain, power supply and push button cables can be modified as needed.
3. Load chain cannot be weld.
4. Pendant push-button box includes an emergency stop push-button to stop the hoist in case of emergency.
5. For the Trolley combined hoist, the distance between rollers can be adjusted according to the beam specification.
6. Optional breaking device for Trolley can be added to Trolley combined hoist.
7. Trolley combined hoist can be mounted with rack & pinion drive.
8. Main switch box and junction box are optional.
9. Carrister, magic hanger, spare parts and toolbox are additional options.
10. Contact us for optional special coating, painting or surface treatment.

▪ Electric Chain Hoist (Suspension Type) Model: DEX/DKEH

DEX 0.5 ~ 2.0 TON, DKEH 3.0 ~ 5.0 TON



DKEH 7.5 ~ 20.0 TON



Specifications

MODEL	CAPACITY (TON)	NO. OF CHAIN FALLS	LOAD CHAIN SIZE	STD. LOAD CHAIN LENGTH(M)	HOISTING SPEED		NET WEIGHT (kg)	CHAIN WEIGHT/ LIFT 1.0m(kg)
					60Hz (m/min)	50Hz (m/min)		
DEX-005-HS	0.5	1.0	Ø7.1 x P21.0	3.0	8.3	6.9	55.0	1.11
DEX-005-HD	0.5	1.0	Ø7.1 x P21.0	3.0	7.7 / 1.9	7.7 / 1.9	55.0	1.11
DEX-010-HS	1.0	1.0	Ø7.1 x P21.0	3.0	8.3	6.9	55.0	1.11
DEX-010-HD	1.0	1.0	Ø7.1 x P21.0	3.0	7.7 / 1.9	7.7 / 1.9	55.0	1.11
DEX-020-HS	2.0	2.0	Ø7.1 x P21.0	4.0	4.1	3.4	65.0	2.22
DEX-020-HD	2.0	2.0	Ø7.1 x P21.0	4.0	3.8 / 0.9	3.8 / 0.9	65.0	2.22
DKEH-030	3.0	1.0	Ø11.1 x P33.3	4.0	6.5	5.4	110.0	2.66
DKEH-050	5.0	2.0	Ø11.1 x P33.3	4.0	3.2	2.7	140.0	5.32
DKEH-075	7.5	4.0	Ø11.1 x P33.3	4.0	3.2	2.7	340.0	10.64
DKEH-100	10.0	4.0	Ø11.1 x P33.3	5.0	3.2	2.7	340.0	10.64
DKEH-150	15.0	6.0	Ø11.1 x P33.3	5.0	2.1	1.8	450.0	15.96
DKEH-200	20.0	8.0	Ø11.1 x P33.3	5.0	1.6	1.3	545.0	21.28

Dimensions

MODEL	DIMENSIONS (mm)										
	L	L1	L2	W	W1	W2	W3	H	H1	T	D
DEX-005-HS (HD)	641.0	321.0	320.0	307.0	166.0	141.0	200.0	460.0	531.0	28.5	Ø41.0
DEX-010-HS (HD)	641.0	321.0	320.0	307.0	166.0	141.0	200.0	460.0	531.0	28.5	Ø41.0
DEX-020-HS (HD)	641.0	321.0	320.0	307.0	200.0	107.0	234.0	591.0	573.0	39.5	Ø50.0
DKEH-030	740.0	382.0	358.0	362.0	201.0	217.0	161.0	780.0	875.0	45.0	Ø58.0
DKEH-050	740.0	382.0	358.0	362.0	255.0	371.0	107.0	960.0	853.0	59.0	Ø64.0
DKEH-075	870.0	496.0	496.0	764.0	-	382.0	382.0	1220.0	1045.0	70.0	Ø86.0
DKEH-100	870.0	496.0	496.0	764.0	-	382.0	382.0	1220.0	1045.0	70.0	Ø86.0
DKEH-150	1046.0	634.0	634.0	764.0	-	382.0	382.0	1420.0	1187.0	92.4	Ø127.0
DKEH-200	1246.0	734.0	734.0	764.0	-	382.0	382.0	1410.0	1234.0	92.4	Ø127.0

Chain Basket Size

SIZE	DEX(S)	STD (S)	STD (M)	FABRIC (S)	FABRIC (M)	FABRIC (L)
Ø7.1	6.0	5.0	12.0	10.0	16.0	25.0
Ø11.1	-	-	6.0	6.0	10.0	15.0

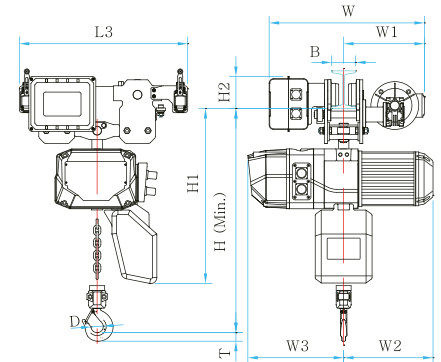
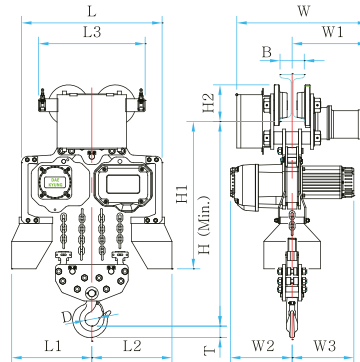
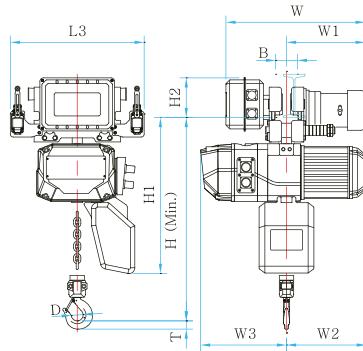
(Unit : m)

■ Electric Chain Hoist (With Motorized Trolley) Model : DEX-M/DKEHA

DEX 0.5 ~ 2.0 TON, DKEHA 3.0 ~ 5.0 TON

DKEHA 7.5 ~ 20.0 TON

DEXM 1.0 ~ 2.0 TON, DKEHM 3.0 ~ 5.0 TON



Specifications

MODEL	CAPACITY (TON)	NO. OF CHAIN FALLS	LOAD CHAIN SIZE	STD. LOAD CHAIN LENGTH (M)	HOISTING SPEED		TRAVELING SPEED		BEAM FLANGE WIDTH (mm)	Min. CURVE RADIUS (mm)	NET WEIGHT (kg)
					60Hz (m/min)	50Hz (m/min)	60Hz (m/min)	50Hz (m/min)			
DEX-005-MS	0.5	1.0	Ø7.1 x P21.0	3.0	8.3	6.9	11.0	9.2	75~125	2,000	99.0
DEX-005-MD	0.5	1.0	Ø7.1 x P21.0	3.0	7.7 / 1.9	7.7 / 1.9	11.0 / 2.7	11.0 / 2.7	75~125	2,000	99.0
DEX-010-MS	1.0	1.0	Ø7.1 x P21.0	3.0	8.3	6.9	11.0	9.2	75~125	2,000	99.0
DEX-010-MD	1.0	1.0	Ø7.1 x P21.0	3.0	7.7 / 1.9	7.7 / 1.9	11.0 / 2.7	11.0 / 2.7	75~125	2,000	99.0
DEX-020-MS	2.0	2.0	Ø7.1 x P21.0	4.0	4.1	3.4	11.6	9.7	100~150	2,000	122.0
DEX-020-MD	2.0	2.0	Ø7.1 x P21.0	4.0	3.8 / 0.9	3.8 / 0.9	11.6 / 2.9	11.6 / 2.9	100~150	2,000	122.0
DKEHA-030	3.0	1.0	Ø11.1 x P33.3	4.0	6.5	5.4	12.0	10.0	100~150	3,000	230.0
DKEHA-050	5.0	2.0	Ø11.1 x P33.3	4.0	3.2	2.7	12.8	10.7	125~175	3,000	260.0
DKEHA-075	7.5	4.0	Ø11.1 x P33.3	4.0	3.2	2.7	11.7	9.8	150~190	4,000	570.0
DKEHA-100	10.0	4.0	Ø11.1 x P33.3	5.0	3.2	2.7	11.7	9.8	150~190	4,000	570.0
DKEHA-150	15.0	6.0	Ø11.1 x P33.3	5.0	2.1	1.8	9.8	8.2	150~190	4,500	640.0
DKEHA-200	20.0	8.0	Ø11.1 x P33.3	5.0	1.6	1.3	9.5	7.9	150~190	5,000	720.0
DEXM-010	1.0	1.0	Ø7.1 x P21.0	3.0	8.3	6.9	10.3	8.5	75~125	800	91.0
DEXM-020	2.0	2.0	Ø7.1 x P21.0	4.0	4.1	3.4	10.8	9.0	100~150	900	122.0
DKEHM-030	3.0	1.0	Ø11.1 x P33.3	4.0	6.5	5.4	15.6	13.0	100~150	1,000	231.0
DKEHM-050	5.0	2.0	Ø11.1 x P33.3	4.0	3.2	2.7	13.1	10.9	125~175	1,200	265.0

Dimensions

MODEL	DIMENSIONS (mm)													
	B [beam width]	L	L1	L2	L3	W	W1	W2	W3	H	H1	H2	T	D
DEX-005-MS (HD)	75.0	341.0	141.0	200.0	473.0	527.0	317.0	320.0	321.0	480.0	541.0	138.0	28.5	Ø41.0
DEX-010-MS (HD)	75.0	341.0	141.0	200.0	473.0	527.0	317.0	320.0	321.0	480.0	541.0	138.0	28.5	Ø41.0
DEX-020-MS (HD)	100.0	341.0	107.0	234.0	515.0	569.0	338.0	320.0	321.0	585.0	564.0	133.0	39.5	Ø48.0
DKEHA-030	100.0	740.0	382.0	358.0	420.0	586.5	358.5	217.0	161.0	770.0	877.0	145.0	45.0	Ø58.0
DKEHA-050	125.0	740.0	382.0	358.0	480.0	613.5	372.0	371.0	107.0	960.0	864.0	143.0	59.0	Ø64.0
DKEHA-075	150.0	870.0	496.0	496.0	660.0	900.5	550.5	382.0	382.0	1090.0	970.0	227.0	70.0	Ø86.0
DKEHA-100	150.0	870.0	496.0	496.0	660.0	900.5	550.5	382.0	382.0	1090.0	970.0	227.0	70.0	Ø86.0
DKEHA-150	150.0	1046.0	634.0	634.0	710.0	920.0	556.5	382.0	382.0	1217.0	990.0	264.0	92.4	Ø127.0
DKEHA-200	150.0	1246.0	734.0	734.0	730.0	933.5	559.5	382.0	382.0	1215.0	1046.0	264.0	92.4	Ø127.0
DEXM-010	75.0	341.0	141.0	200.0	620.0	525.0	278.5	320.0	321.0	510.0	585.0	107.0	28.5	Ø41.0
DEXM-020	100.0	384.0	107.0	277.0	670.0	565.5	303.5	320.0	321.0	610.0	600.0	107.0	39.5	Ø48.0
DKEHM-030	100.0	378.0	161.0	217.0	795.0	569.5	297.5	358.0	382.0	795.0	896.0	138.0	45.0	Ø58.0
DKEHM-050	125.0	378.0	107.0	371.0	853.0	608.5	317.0	358.0	382.0	1010.0	950.0	150.0	59.0	Ø64.0

▪ Electric Low Headroom Hoist [Model : DELH]

DELH 10.0 TON



1 ~ 20톤 모델

빔과 후크간의 거리를 최소화한 제품입니다.

주로 선박과 같이 천장이 낮은 환경에 적합 합니다.

기본적으로 리미트 스위치와 과부하 방지 센서가 탑재 되어 있습니다.

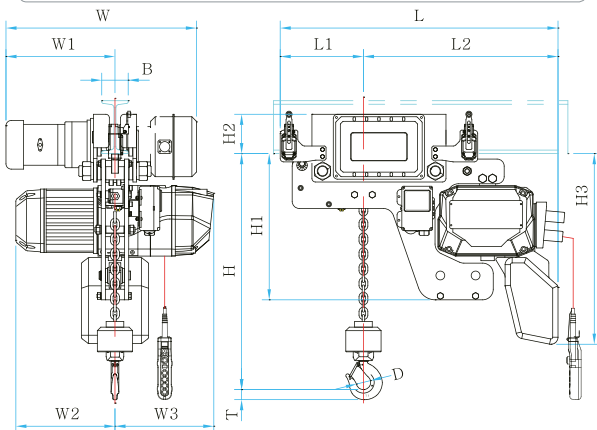
Capacity from 1.0 ton to 20.0 ton

- Enhanced design with minimal distance between the bottom hook and the beam.
- Electric Low Headroom Hoist is the perfect choice when working under low to very low ceiling height (mines, ships, etc.).
- Standard features include electric limit switch and overload protection sensor.

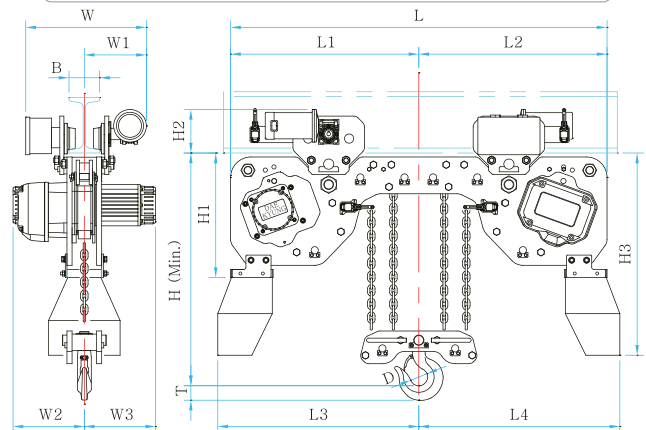
Specifications

MODEL	CAPACITY (TON)	NO. OF CHAIN FALLS	LOAD CHAIN SIZE	STD. LOAD CHAIN LENGTH (M)	HOISTING SPEED		TRAVELING SPEED		BEAM FLANGE WIDTH (mm)	Min. CURVE RADIUS (mm)	NET WEIGHT (kg)
					60Hz (m/min)	50Hz (m/mm)	60Hz (m/mm)	50Hz (m/mm)			
DEXL-010	1.0	1	Ø7.1 x P21.0	3.0	8.3	6.9	11.0	9.2	75~125	2,000	150.0
DEXL-010 D	1.0	1	Ø7.1 x P21.0	3.0	7.7 / 1.9	7.7 / 1.9	11.0 / 2.7	11.0 / 2.7	75~125	2,000	150.0
DEXL-020	2.0	2	Ø7.1 x P21.0	4.0	4.1	3.4	11.6	9.7	100~150	2,000	186.0
DEXL-020 D	2.0	2	Ø7.1 x P21.0	4.0	3.8 / 0.9	3.8 / 0.9	11.6 / 2.9	11.6 / 2.9	100~150	2,000	186.0
DELH-030	3.0	1	Ø11.1 x P33.3	4.0	6.5	5.4	12.3	10.2	100~150	3,600	305.0
DELH-050	5.0	2	Ø11.1 x P33.3	4.0	3.2	2.7	12.8	10.6	125~175	4,500	380.0
DELH-100	10.0	4	Ø11.1 x P33.3	5.0	3.2	2.7	12.0	10.0	150~190	4,000	813.0
DELH-200	20.0	8	Ø11.1 x P33.3	5.0	1.6	1.3	7.5	6.3	150~190	-	1185.0

DEXL 1.0 ~ 2.0 TON, DELH 3.0 ~ 5.0 TON



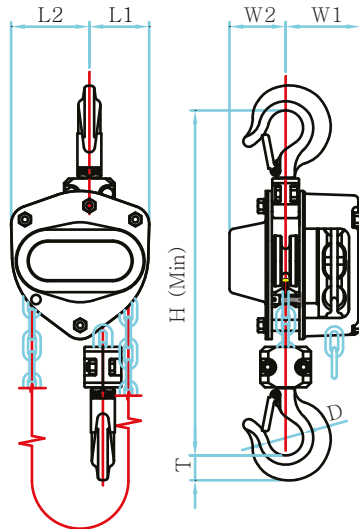
DELH 10.0 ~ 20.0 TON



Dimensions

MODEL	DIMENSIONS (mm)															
	B [beam width]	L	L1	L2	L3	L4	W	W1	W2	W3	H	H1	H2	H3	T	D
DEXL-010-(D)	75	788.0	280.0	508.0	-	-	585.0	354.0	321.0	321.0	345.0	415.0	112.0	541.0	28.5	Ø41.0
DEXL-020-(D)	100	845.5	250.5	595.0	-	-	625.0	374.0	321.0	321.0	420.0	420.3	132.7	674.0	39.5	Ø50.0
DELH-030	100	906.0	200.0	706.0	-	-	593.5	385.0	382.0	358.0	560.0	544.0	132.0	877.0	45.0	Ø58.0
DELH-050	125	971.5	250.5	721.0	-	-	670.0	409.0	382.0	358.0	595.0	564.0	132.0	787.5	59.0	Ø64.0
DELH-100	150	1846.0	921.0	925.0	967.0	967.0	653.5	333.5	382.0	382.0	495.0	547.0	216.0	1110.0	70.0	Ø86.0
DELH-200	150	2164.0	1080.0	1084.0	1161.0	1161.0	720.0	373.0	382.0	382.0	800.0	576.0	216.0	1112.0	92.4	Ø127.0

Stainless Steel Chain Block



Features

- This product is appropriate for the environment where the corrosion should be prevented, such as chemical industry, medical industry and food industry.
- This product minimize dust which is suitable for Clean room environment.
- Double brake pawl apply.
- Load chain : SUS316L
- Hand chain : SUS316
- Covers : SUS304L
- Pin and Bush : SUS420J2
- Hook part and Sheave, Plates : SUS304
- Name Plate : SUS316
- Surface Treatment : Electrolytic Polishing
- Options : Chain Length is adjustable



Photos of DK's Stainless Steel

Chain Block & Trolley which is used in the UK Pharmaceutical Industry

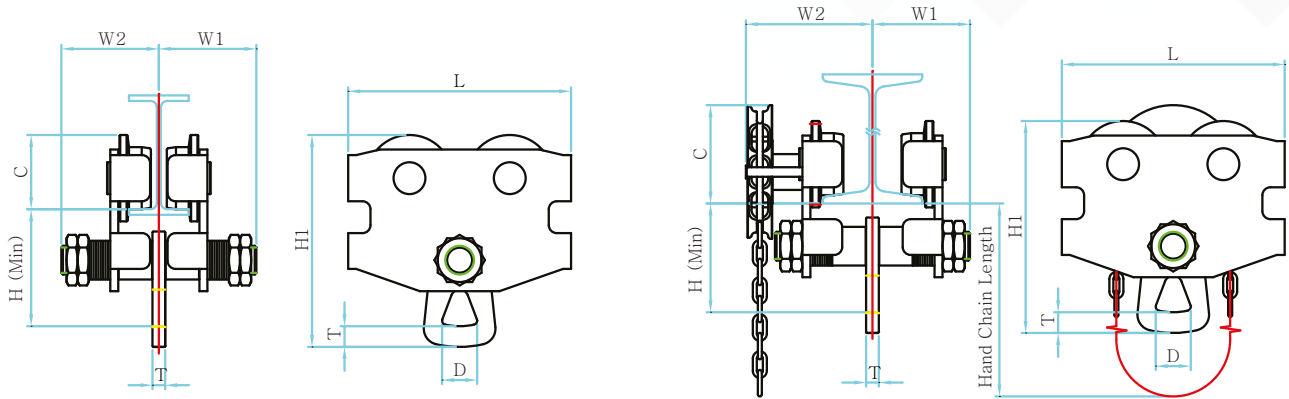
Specifications

MODEL	CAPACITY (kg)	MIN. DISTANCE HOOK TO HOOK (mm)	OPERATION LOAD (kg)	NO. OF FALLS	LOAD CHAIN SPEC'	STD. CHAIN LENGTH(M)		STD. NET WEIGHT (kg)
						LOAD CHAIN	HAND CHAIN	
DS-005-SS	500	355.0	18.0	1	Ø6.3	2.5	2.0	12.5
DS-010-SS	1,000	425.0	24.0	1	Ø7.9	2.5	2.0	20.5
DS-020-SS	2,000	586.0	25.0	2	Ø7.9	3.0	2.5	38.0
DS-030-SS	3,000	655.0	30.0	2	Ø10.0	3.0	2.5	50.0
DS-050-SS	5,000	795.0	40.0	2	Ø10.0	3.0	2.5	74.0

Dimensions

MODEL	H [min.]	L1	L2	W1	W2	D	T
DS-005-SS	355.0	65.0	85.0	84.5	62.0	Ø38.0	27.0
DS-010-SS	425.0	82.5	110.5	91.8	72.8	Ø46.0	32.0
DS-020-SS	586.0	64.2	173.0	91.8	72.8	Ø64.0	51.0
DS-030-SS	655.0	75.1	201.0	95.5	80.5	Ø64.0	51.0
DS-050-SS	795.0	80.0	217.5	107.0	89.0	Ø86.0	70.0

■ Stainless Steel Plain Trolley ■ Stainless Steel Geared Trolley



Features

- This product is appropriate for the environment where the corrosion should be prevented, such as chemical industry, medical industry and food industry.
- This product minimize dust which is suitable for Clean room environment.
- Plate and Roller : SUS304
- Bearing : SUS420
- Name Plate : SUS316
- Surface Treatment : Electrolytic Polishing
- Options : This product can be customized according to Beam specification

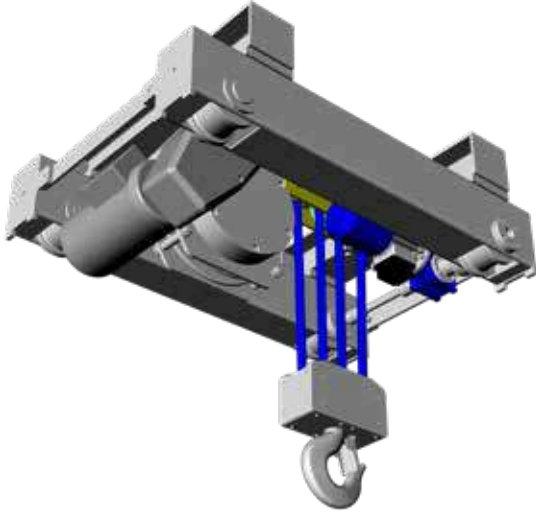
Specifications

MODEL	CAPACITY (kg)	MIN. DISTANCE HOOK TO HOOK (mm)	MIN. CURVE RADIUS (mm)	STD. CHAIN LENGTH (m)	BEAM FLANGE WIDTH (mm)	STD. NET WEIGHT (kg)
DPT-005-SS	500	120.5	1200	-	64 ~ 125	13.5
DPT-010-SS	1,000	147.0	1300	-	74 ~ 125	20.0
DPT-020-SS	2,000	176.0	1500	-	100 ~ 150	30.0
DPT-030-SS	3,000	177.0	1600	-	100 ~ 150	38.0
DGT-005-SS	500	120.5	1200	2.5	64 ~ 125	19.8
DGT-010-SS	1,000	147.0	1300	2.5	74 ~ 125	27.3
DGT-020-SS	2,000	176.0	1500	2.5	100 ~ 150	35.8
DGT-030-SS	3,000	177.0	1600	3.0	100 ~ 150	45.7
DGT-050-SS	5,000	241.0	2100	3.0	125 ~ 175	60.5

Dimensions

MODEL	H [min.]	H1	L	W1	W2	C	D	T	T1
DPT-005-SS	120.5	227.0	250.0	115.0	115.0	88.5	30.0	18.0	10.0
DPT-010-SS	147.0	266.5	280.0	122.5	122.5	93.5	44.0	26.0	16.0
DPT-020-SS	176.0	305.0	310.0	141.0	109.0	103.0	45.0	26.0	19.0
DPT-030-SS	177.0	323.0	350.0	158.5	111.5	120.0	45.0	26.0	19.0
DGT-005-SS	120.5	227.0	250.0	115.0	152.0	88.5	30.0	18.0	10.0
DGT-010-SS	147.0	286.2	280.0	122.5	159.0	113.2	44.0	26.0	16.0
DGT-020-SS	176.0	305.0	310.0	141.0	164.5	103.0	45.0	26.0	19.0
DGT-030-SS	177.0	327.0	350.0	158.5	165.5	124.0	45.0	26.0	19.0
DGT-050-SS	241.0	407.5	390.0	190.5	194.5	130.5	80.0	36.0	25.0

▪ Cleanroom Belt Hoist



LCD 패널, 마이크로 칩 제조업체 및 식품 산업, 화학 산업의 미세먼지가 제품 품질에 막대한 영향을 미치는 방진 환경에 사용할 수 있도록 특수 제작된 제품입니다. 안전 계수가 높은 고강도 벨트 사용으로 인해 쉽고 빠르게 교체 할 수 있습니다. 호이스트 동작 소음을 줄이기 위해 정밀하게 가공된 기어를 사용하고 완전 밀폐형으로 제작 되었습니다.

정확하고 안정적인 구동을 위해 인버터를 적용 하였습니다.

Clean Room Belt Hoist is designed for LCD panel, microchip maker, food industry, and chemical industry. It is designed for using in the dust-proof environment where fine dust greatly affects the product quality. Easy and quick replacement due to the use of high strength belts with high safety factor.

It is manufactured in a completely enclosed shape, using precision-machined gears to reduce the hoist operation noise.

The inverter is applied for accurate and stable operation.

Specifications

MODEL	CEBH / CEBHP / CEBHG / CEBHM / CEBHMD
CAPACITY	2.5 - 5.0 Ton
SPEED	Max 4.0m/min (5.0ton)
NOISE	Less Than 70dB
CLEAN CLASS	Less Than 10,000 [$1\mu\text{m}$]
BELT	High Strength Belt
HOOK	Stainless Steel

DRIVING [HOIST]	Inverter Driving
DRIVING [TROLLEY]	Inverter Driving
PAINT	Powder Coating
OVERLOAD PROTECTION	Load Cell
OVERWIND PROTECTION	Rotary Gear Limit Switch
OVERTRAVEL PROTECTION	Lever Limit Switch
TROLLEY WHEEL	Stainless Steel

Option

- Hour Meter / Counter Meter
- Remote Controller
- Photo Sensor [Traverling]
- Anti-Static Paint

Line-up

- Model - CEBH
Type : Fixed Type [Only Hoisting]
- Model - CEBHP
Type : Hoist with Monorail Plain Trolley
- Model - CEBHG
Type : Hoist with Monorail Geared Trolley
- Model - CEBHM
Type : Hoist with Monorail Electric Trolley
- Model - CEBHD
Type : Hoist with Double Rail Electric Trolley

High strength hoist belt



- Excellent dimensional stability.
- An ability to retain strength after soaking in water.
- Excellent chemical resistance.
- Highly resistant to structural vibration

10

풀링클램프

PULLING CLAMP Model : N-DSP

N-DSP



제품특징

호환성

풀링클램프는 레버호이스트, 체인블록, 전동체인호이스트와 접목하여 사용이 가능합니다.

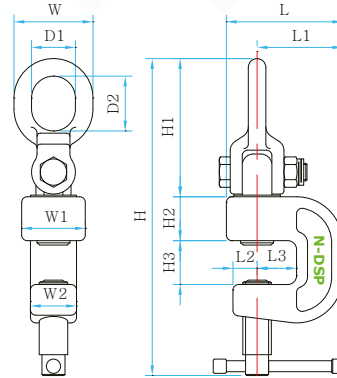
쉬운설치

풀링클램프는 하중물의 어느 부분이든 설치가 가능하며 클램프 잠금쇠를 사용하기 때문에 하중물 표면에 손상을 입히지 않습니다. 아이후크는 360도 회전이 가능하므로, 여러방향으로 하중물을 당길 수 있습니다.

경량화

풀링클램프는 기존 제품에 비해 무게와 크기를 20%이상 줄여 사용하기가 더욱 편리해졌습니다.

N-DSP 1.0 ~ 3.0 TON



Features

Compatibility

Our Pulling Clamp can be used with any Black Bear Products such as Lever Block, Chain Block or Electric Chain Hoist.

Easy Installation

The Pulling Clamp can be easily installed on any load part without damaging the surface of the load due to its design. Moreover, the lifting eye can rotate 360 degrees and swivel to 180 degrees, allowing it to pull the load from any direction.

Light Weight

Compared to existing similar products on the market, our Pulling Clamp is more convenient to use by reducing its weight and size by more than 20%.

MODEL	CAPACITY (TON)	CLAMP WIDTH	DIMENSIONS (mm)												
			L	L1	L2	L3	H(MAX)	H1	H2	H3	W	W1	W2	D1	D2
N-DSP 015	1.5	0 ~ 32	113.5	78.0	22.0	36.0	288.5	125.5	32.0	32.0	72.0	58.0	42.0	40.0	50.0
N-DSP 020	2.0	0 ~ 38	118.5	83.0	24.0	36.0	317.5	125.5	45.0	38.0	72.0	62.0	46.0	40.0	50.0
N-DSP 030	3.0	0 ~ 39	137.3	98.0	28.0	42.0	350.0	150.0	53.0	39.0	85.0	72.0	54.0	45.0	60.0

Parts List



Part No.	Parts Name	Parts Per Hoist
1	HOLD RING	1PC
2	LIFTING SHAFT	1PC
3	UPPER JAW	1PC
4	SNAP RING	1PC
5	ESL HEX. NUT	1PC
6	SCREW JAW	1PC
7	HANDLE BAR	1PC
8	FORGING RING	1PC
9	HEX.BOLT	1PC
10	BODY	1PC

▪ Heavy-Duty Deck Trolley

- Removable Trolley handle
- Two swivel casters (Handle side) and two rigid casters
- Foot Brake Casters (Swivel Caster)
- Powered Deck Trolley
 - Electric Operation (Battery type)
- Powder Coating Paint (Standard)
- Urethane Coated Wheel-Caster

PRODUCT	MODEL	CAPACITY
Steel Deck Trolley	DHDT	0.3 ~ 2.0 Ton
Hard Wood Deck Trolley	DHDT(W)	0.3 ~ 2.0 Ton
Light Weight Deck Trolley	DHDT(A)	0.2 ~ 1.0 Ton
Powered Deck Trolley	DHMT	0.5 ~ 2.0 Ton

Steel Deck Trolley



Light weight Deck Trolley



Powered Deck Trolley



▪ Box Trolley / Shelf Trolley

- Contains and transports for small parts or materials
- Two swivel casters (Handle side) and two rigid casters
- Foot Brake Casters (Swivel Caster)
- Powder Coating Paint (Standard)
- Urethane Coated Wheel-Caster

PRODUCT	MODEL	CAPACITY
Box Trolley	DHBT	0.5 ~ 1.0 Ton
Shelf Trolley	DHST	0.5 ~ 1.0 Ton
Security Box Trolley	DSST	0.5 ~ 1.0 Ton

Box Trolley



Shelf Trolley



Security Box Trolley



■ Cylinder Trolley

- Two swivel casters (Handle side) and two rigid casters
- Foot Brake Casters (Swivel Caster)
- Powder Coating Paint (Standard)
- Urethane Coated Wheel-Caster

PRODUCT	MODEL	CAPACITY
Cylinder Trolley	DCLT	0.2 ~ 1.0 Ton
Drum Trolley	DCDT	0.3 ~ 1,0 Ton
Aluminum Hand Trolley	DCAT	0.15 ~ 0.5 Ton

Cylinder Trolley



Drum Trolley



AL Hand Trolley



■ Mobile Platform / Ladder

- Slip resistant Deck & platform
- Platform / Step Stand
 - Two swivel casters and two rigid casters
- Foot Brake Casters (Swivel Caster)
- Powder Coating Paint (Standard)
- Urethane Coated Wheel-Caster

PRODUCT	MODEL	CAPACITY
Mobile Platform	DMPF	0.2 ~1.0 Ton
Step Stand	DMSS	0.2 ~ 0.5 Ton
Aluminum Ladder	DMAL	0.1 ~ 0.3 Ton

Mobile Platform



Step Stand



Aluminum Ladder



▪ Jib Crane

• Jib Crane

- Post Mounted type / Wall Mounted type
- Swivel : Manual or Electric operation
- Traversing : Manual or Electric operation

Product	Model	Capacity
Jib Crane –Post type	DJCP	0.3 ~ 2.0 Ton
Jib Crane –Wall type	DJCW	0.3 ~ 2.0 Ton

Jib Crane –Post type



Jib Crane –Wall type



▪ Davit Crane / Gantry Crane

• Davit Crane

- Post Mounted type
- Swivel : Manual operation
- Hoisting : Manual Winch or Electric Winch or Chain Block (Hook suspension)

Product	Model	Capacity
Davit Crane	DJDC	0.15 ~ 1.0 Ton
Gantry Crane	DGC	0.2 ~ 2.0 Ton

• Gantry Crane

- Carbon Steel or Aluminum A-Frame
- Separable Post, Girder & Legs
- Hoisting : Manual or Electric Hoist
- Two swivel casters (Handle side) and two rigid casters
- Foot Brake Casters (Swivel Caster)
- Powder Coating Paint (Standard)
- Urethane Coated Wheel-Caster

Davit Crane



Gantry Crane



▪ Pallet Truck / Stacker

- Pallet Truck
 - Hydraulic Jack-up with quick release lowering of load
 - Foot Brake Casters
- Stacker
 - Hydraulic Jack-up by Manual or Electric
- Scissor
 - Hydraulic Jack-up by Manual or Electric
- Powder Coating Paint (Standard)

Product	Model	Capacity
Pallet Truck	DHPT	1.5 ~ 5.0 Ton
Stacker	DMS/DES	0.2 ~ 1.0 Ton
Hydraulic Scissor	DHSS	0.5 ~ 5.0 Ton

Pallet Truck



Stacker



Hydraulic Scissor

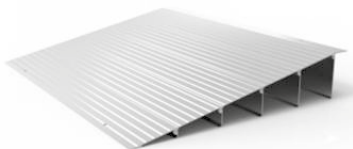


▪ Ramp / Heavy Duty Roller

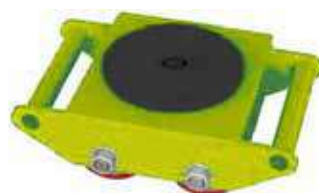
- Ramp
 - Dock Board (Aluminum) – 2 or 4 sets
 - Fixing Plate (Stainless steel)– 1 or 2 sets
- Heavy Duty Roller
 - Turn Table type – 1 set
 - Normal type – 2 sets
 - Push / Pull Handle
 - Spreader Bar (Option)
- Powder Coating Paint (Standard)

Product	Model	Capacity
Ramp	DKDB	1.0 ~ 5.0 Ton
Heavy Duty Roller	DHR	1.0 ~ 15.0 Ton

Ramp



Heavy Duty Roller



▪ Lifting Beam / Clamp / Shackle

- Lifting Beam
 - 2 Fixed lifting Point or 2 adjustable lifting Point
 - Standard Equipment – Shackles, Hooks and safety latches
- Clamp
 - Universal Clamp (3.0 ~ 10.0 ton)
 - Beam (Girder) Clamp (2.0 ~ 15.0 ton)
 - Angle Clamp (0.5 ~ 3.0 ton)
- Shackle – Round Pin / Screw Pin / Bolt Type

Product	Model	Capacity
Lifting Beam	DLB	1.0 ~ 5.0 Ton
Clamp	-	0.5 ~ 15.0 Ton
Shackles	-	0.5 ~ 10.0 Ton

Lifting Beam



Clamp



Shackle



Available Features by Request

1. Full Customization

- Capacity , Type , Size

2. Products by User Environment

- Explosion proof Type
- Corrosion proof Type
- Stainless steel Type

3. Surface Treatment

- Offshore & Marine application

4. 3rd party Certification from worldwide class societies



Marine & Oil & Gas Offshore

WE HAVE A SOLUTION FOR EACH OF YOUR LIFTING AND PULLING NEEDS

● ELECTRIC & PNEUMATIC CHAIN HOIST

Vertical lifting, where horizontal motion is not needed

● LOW HEADROOM CHAIN HOIST WITH COMBINED TROLLEY

Vertical lifting and horizontal motion to optimize the use of reduced or confined area

● SUSPENDED MANUAL CHAIN BLOCK

Vertical lifting and horizontal traveling if combined to a trolley.

Perfect for maintenance in conjunction with a beam clamps

● PUSH & GEARED MANUAL TROLLEYS

Adding horizontal motion to your lifting when needed while optimizing your chain block park

● JIB CRANES

When lifting from lower deck to upper deck and rotational motion is needed

● ELECTRIC & PNEUMATIC WINCHES

When pulling with or without a slope is required

- Ex Version on request
ATEX Marking: Ex II 2 GD, T4 T+135°C
- ATEX Certified equipment (up to Zone 1&2, Zone 21&22)
- Corrosion-proof, offshore coating or full Stainless Steel version for marine applications



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<http://www.dsme.co.kr>
- **Samsung Heavy Industries Co., Ltd.**
<http://www.shi.samsung.co.kr>
- **Hyundai Samho Heavy Industries Co., Ltd.**
<http://www.hshi.co.kr>
- **Hyundai Mipo Dockyard Co., Ltd.**
<http://www.hmd.co.kr>
- **Hanjin Heavy Industries & Construction Co., Ltd.**
<http://www.hanjinsc.com>
- **STX Shipbuilding Co., Ltd.**
<http://www.stxship.co.kr>
- **Dae Sun Shipbuilding & Engineering Co., Ltd.**
<http://www.daesuns.co.kr>
- **POSCO**
<http://www.posco.co.kr>



OVERSEA

- **Singapore – Jurong Shipyard / Keppel Fels**
<http://www.jspl.com.sg> <http://www.keppelfels.com>
- **Norway – Siem Offshore**
<http://www.siemoffshore.com>
- **China – Yantai CIMC Raffles Offshore Ltd. / COSCO Dalian Shipyard co., Ltd.**
<http://www.cimc-raffles.com> <http://www.coscoshipyard.com>
- **Taiwan – Jongshyn Shipbuilding Co., Ltd.**
<http://www.jongshyn.com/>
- **France – Verlinde**
<http://www.verlinde.com>
- **Germany – HadeF**
<http://www.hadef.com>
- **Netherlands – Mennens / Cleanroom Cranes**
<http://www.mennens.nl> <http://www.cleanroom-cranes.nl>
- **Norway – Eiva Safex**
<http://www.eiva-safex.no>
- **Australia – Relay Cranes**
<http://www.relaycranes.com.au>



Worldwide Partners

Supplying Lifting and Material Handling equipment to world leading industries

HADEF

Year of Establishment	1904 / GERMANY
ATEX Approved Products	EX Manual Chain Hoist up to 50.0 Ton EX Pneumatic Chain Hoist up to 50.0 Ton EX Electric Chain Hoist up to 60.0 Ton EX Pneumatic Wire rope Winch up to 10.0 Ton
EX-Classification	CE EX II 2G IIB c T4 CE EX II 2D c 135 C CE EX II 2G IIB c T3 CE EX II 2D c 200 C
Reference Projects	SIRI: Statoil Denmark in 1998 JOTUN: Esso Norge AS in 1998 ASGAARD B: Statoil in 1999 Snorre B: Norsk Hydro in 2000 Grane A+B: Kvaerner Oil & Gas in 2002 Kristin: Statoil in 2003 and more projects in progress

VERLINDE

Year of Establishment	1858 / FRANCE																		
ATEX Approved Products	EX Manual Chain Hoist up to 30.0 Ton EX Electric Chain Hoist up to 5.0 Ton EX Electric Belt Hoist up to 5.0 Ton EX Wire-Rope Hoist up to 80.0 Ton																		
EX-Classification	CE EX II 3G c IIB T3 Zone 1, EEx de IIB T4																		
Reference Projects	<table> <tr> <td>OTV</td><td>CINETIC</td></tr> <tr> <td>ALSTOM</td><td>TECHNIP</td></tr> <tr> <td>SOLIOS CARBONE</td><td></td></tr> <tr> <td>STEREAU</td><td>SIMENS VAI</td></tr> <tr> <td>SNC LAVALIN</td><td>FIVESTEIN</td></tr> <tr> <td>TOTAL</td><td>LAB</td></tr> <tr> <td>CNIM</td><td>NFM</td></tr> <tr> <td>SAIPEM SA</td><td>OMEXOM</td></tr> <tr> <td>VEOLIA WATER OIL & GAS</td><td></td></tr> </table>	OTV	CINETIC	ALSTOM	TECHNIP	SOLIOS CARBONE		STEREAU	SIMENS VAI	SNC LAVALIN	FIVESTEIN	TOTAL	LAB	CNIM	NFM	SAIPEM SA	OMEXOM	VEOLIA WATER OIL & GAS	
OTV	CINETIC																		
ALSTOM	TECHNIP																		
SOLIOS CARBONE																			
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VEOLIA WATER OIL & GAS																			



DAEKYUNG

PROFESSIONAL
LIFTING
SOLUTION

BLACK BEAR HOIST

MARINE & OFFSHORE

Participated Projects with Heavy Industries in Korea

SAMSUNG HEAVY INDUSTRY

YEAR	PROJECT	CLASS	CHAIN HOIST	TROLLEY	ELECTRIC HOIST	CRANE	AIR HOIST	MHE
2012	OCEAN RIG #5, #6 TOPSIDE	DNV	●	●				
2012	OCEAN RIG #7 TOPSIDE	ABS	●	●				
2012	ENSCO DS-7 TOPSIDE	ABS	●	●				
2012	PDC #5, #6 TOPSIDE	DNV	●	●	●			
2013	ENSCO GF 78K	ABS	●	●	●			
2013	OCEAN RIG #8	ABS	●	●				
2013	QOGG DRILLSHIP	ABS	●	●				
2013	PDC #7 [Currently Discussing]	DNV	●	●				
2014	850,000 bbls Floating Storage Unit [H.2067]	DNV	●	●	●	●		
2015	850,000 bbls Floating Storage Unit [H.2099]	DNV	●	●	●			
2015	CAT-J JACK-UP Rig [H.7117/8]	DNV	●	●	●		●	
2016	STENA Mid water Semi-Submersible Drilling Rig (TOP/HULL) [H.2097]	DNV	●	●	●		●	
2016	PETRONAS 2 [H.2126]	ABS	●	●			●	●

DAEWOO HEAVY INDUSTRY

YEAR	PROJECT	CLASS	CHAIN HOIST	TROLLEY	ELECTRIC HOIST	CRANE	AIR HOIST	MHE
2012	TOP 550MT PLSV	-	●	●	●		●	
2012	210M COTUNAV RO-PAX	-			●			
2012	ROYAL MALAYSIAN NAVY TRAINING VESSEL	BV		●	●			
2012	ZHAMBYL SUMERSIBLE DRILLING RIG	ABS		●	●			
2013	PETRONAS	DNV	●	●				●
2014	YAMAL 172,600cbm ³ ARCTIC LNG CARRIER	BV+RMRS	●	●	●	●		

HYUNDAI HEAVY INDUSTRY

YEAR	PROJECT	CLASS	CHAIN HOIST	TROLLEY	ELECTRIC HOIST	CRANE	AIR HOIST	MHE
2012	12,000 Ft DEEP WATER DRILLSHIP	ABS	●	●	●	●		
2012	DIAMOND DEEP WATER DRILLSHIP	ABS	●	●	●	●		
2012	BOLLSTA DOLPHIN DRILLSHIP	-	●	●	●		●	
2013	NOBLE DEEP WATER DRILLSHIP	ABS	●	●	●	●	●	
2014	DEEP WATER SEMI-SUBMERSIBLE	DNV	●	●	●	●		
2015	DIAMOND OFFSHORE DEEP WATER SEMI-SUBMERSIBLE	DNV	●	●				

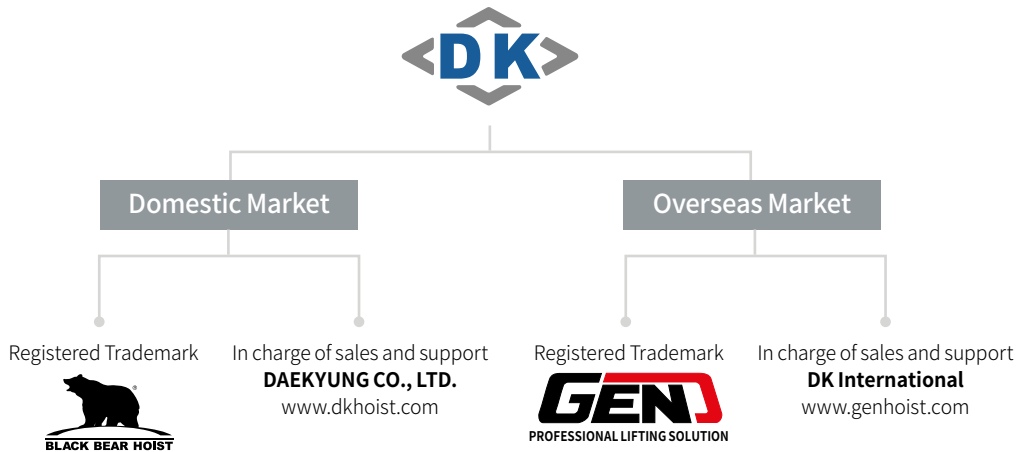


DAEKYUNG

PROFESSIONAL
LIFTING
SOLUTION

BLACK BEAR HOIST

COMPANY & BRAND IDENTITY



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DAEKYUNG

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SOLUTION

BLACK BEAR HOIST

Available	ATEX	DNV.GL	KS	CE	SUS	2Speed
★	⚡	DNV-GL	Ⓚ	CE	S	2

Manual Type

Capacity [ton]	Chain Block		Lever Block	Trolley / Low Headroom Hoist (Std.)				Trolley / Low Headroom Hoist (Curve)				Clamp
	DS	DH	DLS	DPT	DGT	DBPT	DBGT	DLHP	DLHG	DSLp	DSLg	N-DSP
0.5	★CE⚡S	★CE⚡		★CE⚡S	★CE⚡S							
1.0	★CE⚡S	★CE⚡Ⓚ		★CE⚡S	★CE⚡S	★CE⚡	★CE⚡	★CE⚡	★CE⚡	★CE	★CE	
1.5	★CE	★CE⚡Ⓚ	★CE	★CE	★CE							★
2.0	★CES	★CE⚡Ⓚ	★CE	★CE⚡S	★CE⚡S	★CE⚡	★CE⚡	★CE	★CE⚡	★CE	★CE	★
3.0	S	★CE⚡Ⓚ	★CE	★CE⚡S	★CE⚡S	★CE⚡	★CE⚡		★CE⚡	★	★	★
5.0	S	★CE⚡Ⓚ			★CE⚡S		★CE⚡		★CE⚡		★	
6.0			★CE						★CE⚡		★	
7.5					★CE							
8.0		★CE⚡										
10.0		★CE⚡			★CE⚡		★CE⚡		★CE⚡			
15.0		★CE⚡			★CE⚡		★CE		★CE			
20.0		★CE⚡			★CE⚡		★		★CE⚡			
30.0		★CE⚡			★CE⚡		★CE⚡		★CE⚡			
40.0		★CE⚡			★CE							
50.0		★CE⚡			★CE							
70.0					★CE							
80.0					★CE							
100.0					★CE							

Electric Type

Capacity [ton]	Hook Suspension		with Motorized Trolley (Std.)			with Motorized Trolley (Curve)		Low Headroom	
	DEX	DKEH	DEX	DKEHA	DELH	DEXM	DKEHM	DELH[Std.]	DLCE[Curve]
0.5	★CE2		★CE2			★2			
1.0	★CE2		★CE2		★	★2		★CE	
2.0	★CE2		★CE2		★	★2		★CE	
3.0		★		★	★		★	★	
5.0		★		★	★		★	★	
7.5		★		★					
10.0		★		★	★				★
15.0		★		★					
20.0		★		★	★				
30.0									

Network of DAEKYUNG

PROFESSIONAL LIFTING SOLUTIONS
PROVIDED WORLDWIDE



INTERNATIONAL MARKETS

S.AMERICA	Peru, Chile
OCEANIA	Australia
AFRICA	Republic of South Africa
EUROPE	Norway, Romania, Finland, Germany, France, Netherlands
ASIA	Singapore, Malaysia, China, Taiwan, Japan, Vietnam, Philippines, United Arab Emirates

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HADEF

VERLINDE
LIFTING EQUIPMENT

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Hade / Verlinde

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