32-32, Jungahn-Nonggongdangigil, Jungahnmyun
Chungcheongnam-do South Korea

TEL:82-41-850-9700 FAX:82-41-881-9701

ygnam@daesanhoist.com msjeong@daesanhoist.com

www.daesaninotec.com

www.facebook.com/daesaninotec

ISO 9001
ISO14001



‘Lift Your Confidence’

DAESAN®

‘Lift your confidence’



DAESAN INOTEC

www.daesaninotec.com

ELECTRIC CHAIN HOIST
ELECTRIC TROLLEY
CHAIN BLOCK
LEVER HOIST
TROLLEY
WIRE ROPE WINCH





DAESAN HOIST



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DAESAN

More than 3 decades of hoist manufacturing

DAESAN has been proven worldwide with our excellency in Electric Chain Hoist, Chain Block, Lever Hoist, Trolley and Wire Rope Winch.

Chemical plant, construction plant, ship-building yard and other industrial manufacturing plant in Korea as well as 40 other countries abroad are lifting and moving load with DAESAN products.

We provide service solutions to wherever safety weight load is required.

DAESAN

"Lift your confidence"





Just-In-Time Delivery, including parts maintenance

We supply all components just in time when you need them. Backed up by more than 35 years of experienced engineers and lifting equipment specialists pursuing its excellency, any unsatisfaction from customers shall be greeted with many thanks as a new chance for our improvements.

HISTORY

2000 DEC Established INOTEC CO. LTD

2001 APR Acquired CE mark

2003 JUL Designated as promising export company

2005 DEC Developed 1~5ton of electric chain hoist

2006 JAN Sign an exclusive export contract with USA company
FEB Acquired electric chain hoist CE mark

2007 FEB Changed company name to Daesan Inotec Co., Ltd
JUN Developed inverter hoist (filed a domestic patent)
SEP Selected as partner company of Kolon

2008 DEC Designated CLEAN WORKPLACE
Achieve $ 3million in exports

2009 MAY ISO9001 (Quality Management System)
ISO14001 (Environmental Management System)
JUN Acquired KCS mark (Industrial Safety Management Corporation)
AUG Selected as partner company of Hanjin Heavy Industries Co., Ltd

2010 FEB Registered a utility model for inverter electric hoist (Contactless interface for VFD hoist)

2011 NOV Moved the factory to Chung-nam Gongju (Jungahn 2nd Farm's Industrial Complex)
DEC Acquired electric chain hoist(10ton) KCS mark (Industrial Safety Management Corporation)
Selected as partner company of Lotte Engineering and Construction Co.,. Ltd

2012 JUL Succeeded in SME technology development business (Compact chain hoist development)
SEP Development of compact electric hoist 0.49ton to 2ton
OCT Acquired compact electric chain hoist CE and KCS mark
DEC Acquired electric chain hoist 7.5ton CE and KCS mark

2013 MAY Registered as a partner company of LS Industrial Systems (Cheongju)
Registered a utility model for compact Hoist (Clutch type chain hoist with limit switch)
JUL Acquire INO-BIZ from the small and medium business administration
OCT Acquired low headroom type electric hoist 1~5ton KCS mark
NOV Registered as a partner company of Lotte Chemical Co., Ltd

2014 MAR Developed single phase hoist (0.49ton to 2ton)
Developed Inverter type single phase hoist (049ton to 2ton)
Acquired electric chain hoist KCS mark for 15ton & 20ton
Acquired Special Equipment License (China)
JUL Succeeded in SME technology development project (Inverter chain hoist & single phase hoits applied Electric chain hoist)

2015 JAN Awarded a commendation by the small and medium business administration
Win a overseas contract for electric hoist (DSM-20ton) (KEPPEL Singapore)
FEB Selected as IP star company by Chungnam Intellectual Property Center
JUN Patent registration of single-phase hoist with 3-speed reduction gear
AUG Hoist patent registration including regenerative braking resistance
DEC Won the $3million Export Tower
Achieved $4million in exports

2016 JAN Registered a utility model for single-phase hoist with discharge resistance
MAR Development and certification of manual explosion-proof hoist
MAY Registered patent for electric chain hoist with limit switch

2017 MAR Developed Clean room hoist (export to USA)
AUG Developed chain block with overload protection device (Supplied to Samsung Corporation)
OCT Patent registration for hoist including inverter integrated board
Patent registration for hoist with wireless control system
NOV Started production of twin hook type chain hoist

2018 JAN Started production of NDM lever hoist and acquired CE mark
JUL Supplied hoist for a wind power plant, 4.2MW U136 (Hoist spec : 1Ton, DSAP-1S LIFT 100M)

2019 APR Selected as Global Giant Company in small & midium industry

2020 FEB Obtained UL certificate for electric chain hoist (the first ever Korean hoist manufacturer)
JUN Started production on smart hoist, EDL/DL (125, 250, 500kg) (obtained CE, KCS)
AUG U.S patent registration for stepless control function of smart electric chain hoist

DAESAN PUBLIC RELATIONS

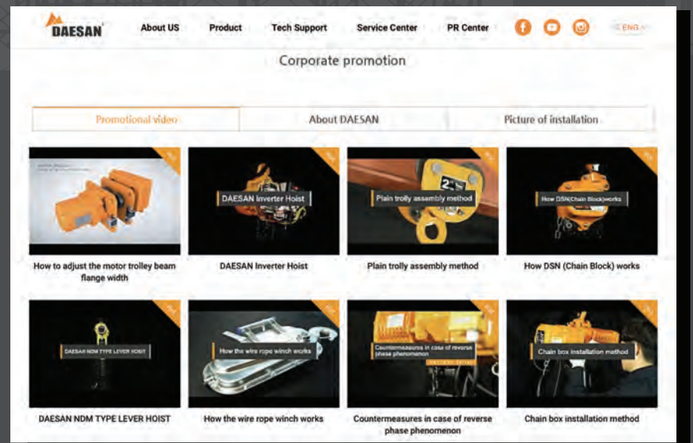
Exhibitions

Since 2001 Daesan has been continuously participating in exhibitions every year in many locations around the world.



Video Manual

Daesan provided video manuals for our products so our customers can use their hoists safely and conveniently.



1. How to use video manuals on Daesan's homepage

Our video manuals along with much other useful information can be accessed through our homepage.

www.daesaninotec.com

2. Subscribe to Daesan's YouTube Channel

Subscribing to Daesan's YouTube Channel allows instant access to new video manuals.

enter "daesan inotec" into the search bar for www.youtube.com and click "subscribe"

Daesan Social Media

Check out our latest news through Daesan's many social media pages.

www.youtube.com / DAESANINOTEC

www.linkedin.com/in/daesaninotec

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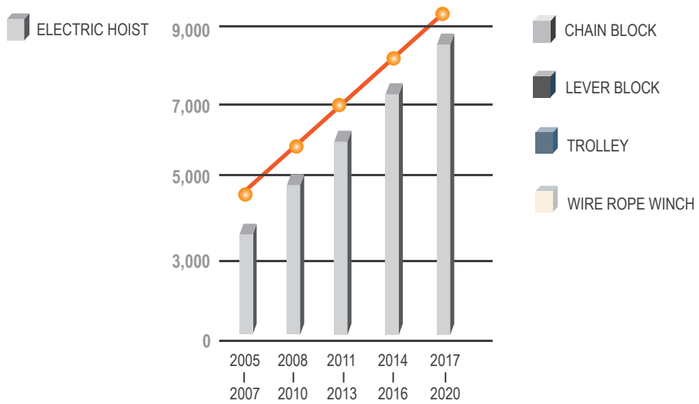
OUR SLOGAN

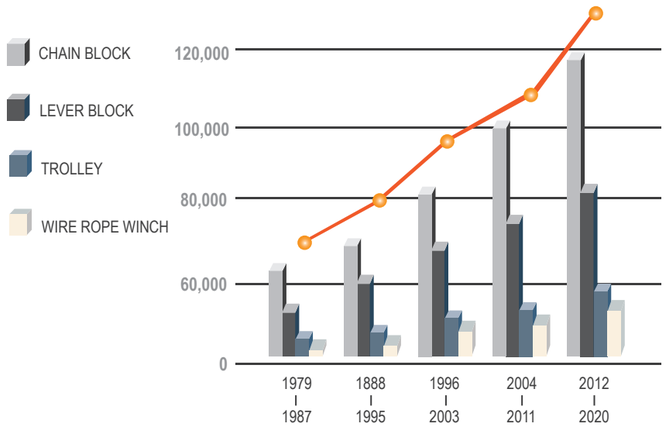
To be Innovative

To be Customer Oriented

To be Globally Challenging

PRODUCTION CAPACITY



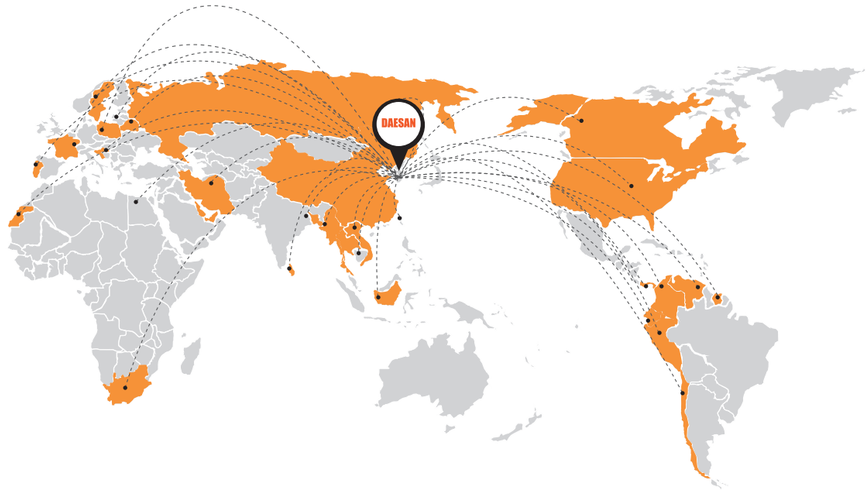




EXPORTING COUNTRIES

Chemical plant, construction plant ship-building yard and other industrial manufacturing plant in Korea as well as 40 other countries abroad are lifting and moving load with DAESAN products.

U.S.A, Canada, Columbia, Panama, Chile, Equador, Mongol, France, Qatar, U.A.E, Greece, Egypt, China, Philippines South Africa, Sri Lanka, Vietnam, Singapore, India, Jordan, Saudi Arabia ..etc.



MANUFACTURING PROCESS



Design → **Modeling simulation** → **Forging** → **Process** → **Heat treatment** → **Inspection** → **Painting** → **Hoist Assembly** → **Storage of meterials** → **Product testing** → **Packing** → **Delivery**

CERTIFICATIONS

• Company Certifications



Small Giant Company of Korea



Reasearch Institute



INNO-BIZ



Promising Export Firm



Chines safety &
Quality certification



Citation



PL insurance policy
(North America)



PL insurance policy
(Domestic & Asia)



ISO 14001



ISO 9001

• Product Certifications

*All products are CE certified



UL(Electirc Hoist)



CE(Chain block)



CE(Lever hoist)



CE(Trolley)



S MARK(manual)



CE (Electic Hoist)



KCs (Electic Hoist)



Hoist
(Patent)



With a three-speed gearbox
Electic chain hoist
(patent)



Including regenerative
braking resistor Hoist
(patent)



With discharge resistance
Electric chain hoist
(patent)



Hoist contactless
Interface device
(patent)

DAESAN ADVANCED CUTTING EDGE

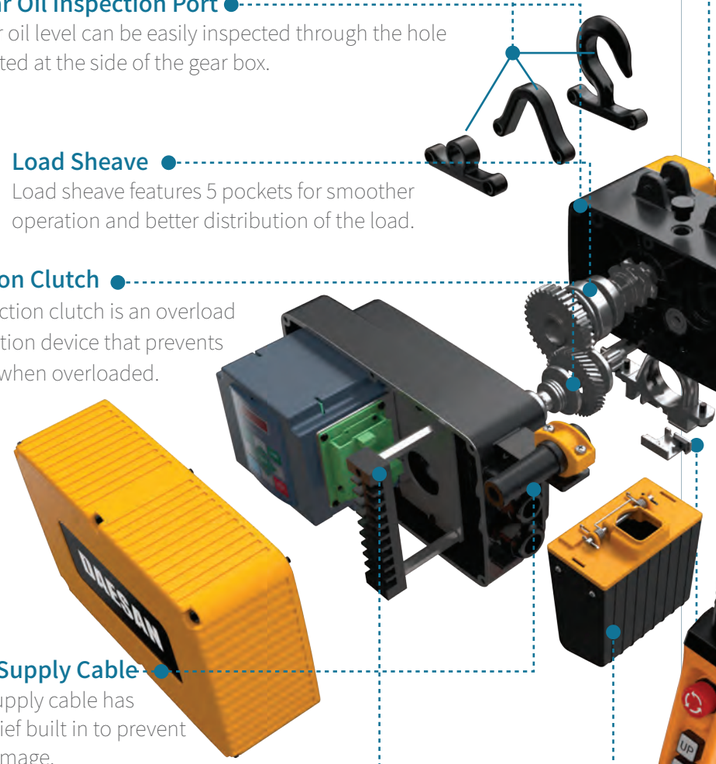


Various Suspension Option
Top hook, light rail and motorized trolley suspension lug options are available to satisfy various application.

Gear Oil Inspection Port
Gear oil level can be easily inspected through the hole located at the side of the gear box.

Load Sheave
Load sheave features 5 pockets for smoother operation and better distribution of the load.

Friction Clutch
The friction clutch is an overload protection device that prevents lifting when overloaded.



Power Supply Cable
Power supply cable has strain relief built in to prevent cable damage.

Stepless Control with VFD
Hoist operation speed is controllable by the degree of push button press for smooth and precise operation.

Variable speed control
Our patented stepless control system is achieved via push button, interface and VFD.

Chain Box
Chain box is standard equipment comes with unique spring design to prevent chain box damage.

Heavy-Duty Hoist Motor
The hoist motor is high torque design and is rated 30-minute duty. Class F motor insulation and standard thermal mo protection is included.

Brake System
Simple fast acting conical style motor brake for years of trouble free operation.

Cooling Fan
Cooling fan is equipped to cool motor & brake resistor.

Magnet inside gear box
Small magnet is equipped inside the gear box to filter out foreign materials.



Hook
Load hook is a forged carbon steel hook with a heavy-duty hook latch. Thrust bearing in load hook allows 360° rotation to prevent twisting of load chain

Chain Guide
Chain guide is designed suitable for minimizing wear on high-speed operation.



Push Button Control
Equipped with emergency stop button, the hoist speed changes depending on how much the button is pressed for stepless control hoist.

Upper/Lower Limit Switch
When the hoist is raised to high or low hook position the upper or lower limit switch activates and stops the hoist motor respectively.
This prevents unnecessary clutch wear.



DL EDL DLM EDLM Series

SMART HOIST
EDL Series
125KG, 250KG, 500KG



- **Die casting & injection mold**
  light and solid body
- **TEFC enclosure with increased motor rating of 60%ED**
- **Strong and fast acting conical brake**
  Easy maintenance
- **Upper & Lower micro limit switches**
  Activate and stop the hoist motor preventing unnecessary clutch wear
- **Friction clutch is an overload Protection**
  Device that prevents lifting when overloaded.
- **Stepless Control by VFD**
  The speed of the load movement is proportional to the movement of the stepless control switch when it is pressed.
- **Various mounting features for different applications.**
  - Lightweight rail mount lug
  - Top hook mount lug
  - Trolley mount lug
- **Hoist with smallest Headroom in Korea**

Smart Chain Hoist

DL, EDL TYPE

SPECIFICATIONS

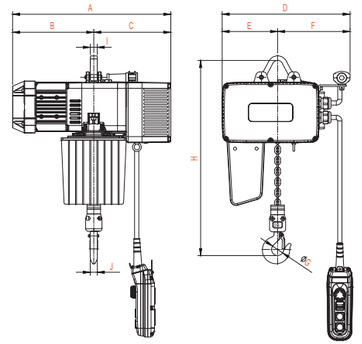
MODEL			DL-			EDL-			DL-		EDL-		
Capacity(W.L.L)		Kg	125	250	500	125	250	500	125	250	125	250	500
Power supply		Phase	3Ø						1Ø				
		V	220 / 380 / 440(Customer's Requested Voltage)						110 / 220				
Chain fall		No.	1										
Standard lift		m	4										
Pushbutton cord length		m	3.5										
Lifting speed	50Hz	m / min	14.2	8.3	6.3	2.8~17	1.7~10	1.3~7.6	8.3	5.3	2.8~17	1.7~10	1.1~6.4
	60Hz		17	10	7.6				10	6.4			
Lifting motor		Kw	0.75										
Load chain(dia.pitch)		mm	Ø5.0 x 15.0										
Net weight		Kg	27		28	27		28			27		28
Weight for additional 1miter lift		Kg/m	0.74										
Duty rating		%ED	40%ED (30min)			60 ~ 20%ED (40~10min)			20%ED (10min)		40 ~ 20%ED (30~10min)		

※EDL type is VFD equipped stepless control hoist that hoist operation speed is controllable by the degree of push button press for smooth, quiet and precise operation.

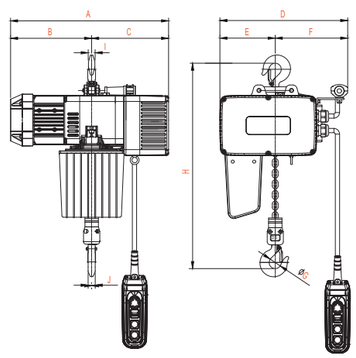
DL & EDL DIMENSION(mm)

MODEL		DL / EDL - 500	DL / EDL - 250,125	DL / EDL - 500	DL / EDL - 250,125
Type		Hanger		Hook	
H : minimum headroom	A	446			
	B	229			
	C	217			
	D	360			
	E	156			
	F	204			
	G	34	30	34	30
	H	Min 320	Min 315	Min 350	Min 340
	I	20			18
	J	20	18	20	18

Hanger



Hook



Smart Chain Hoist

DLM, EDLM TYPE

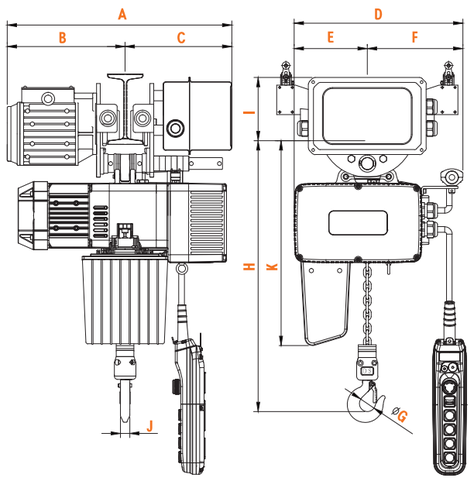
SPECIFICATIONS

MODEL			DLM-			EDLM-			DLM-		EDLM-		
Capacity(W.L.L)		Kg	125	250	500	125	250	500	125	250	125	250	500
Power supply		Phase	3Ø						1Ø				
		V	220 / 380 / 440(Customer's Requested Voltage)						110 / 220				
Chain fall		No.	1										
Standard lift		m	4										
Pushbutton cord length		m	3.5										
Lifting speed	50Hz	m / min	14.2	8.3	6.3	2.8~17	1.7~10	1.3~7.6	8.3	5.3	2.8~17	1.7~10	1.1~6.4
	60Hz		17	10	7.6				10	6.4			
Traversing speed	50Hz	m / min	17.3			3.5~20.7			17.3		3.5~20.7		
	60Hz		20.7						20.7				
Lifting motor		Kw	0.75										
Traversing motor		Kw	0.4										
Load chain(dia.pitch)		mm	Ø5.0 x 15.0										
Net weight		Kg	51.5		52.5	51.5		52.5			51.5		52.5
Weight for additional 1miter lift		Kg/m	0.84										
I-beam flange width		mm	75 - 150										
I-beam min. curve radius		mm	800										
Duty rating		%ED	40%ED (30min)			60~20%ED (40~10min)			20%ED (10min)		40~20%ED (30~10min)		

※EDL type is VFD equipped stepless control hoist that hoist operation speed is controllable by the degree of push button press for smooth, quiet and precise operation.

DLM & EDLM DIMENSION(mm)

MODEL		DLM / EDLM - 500	DLM / EDLM - 250,125
H : minimum headroom	A	480	
	B	252	
	C	228	
	D	360	
	E	156	
	F	204	
	G	34	30
	H	Min 350	Min 345
	I	135	
	J	20	18
	K	438	





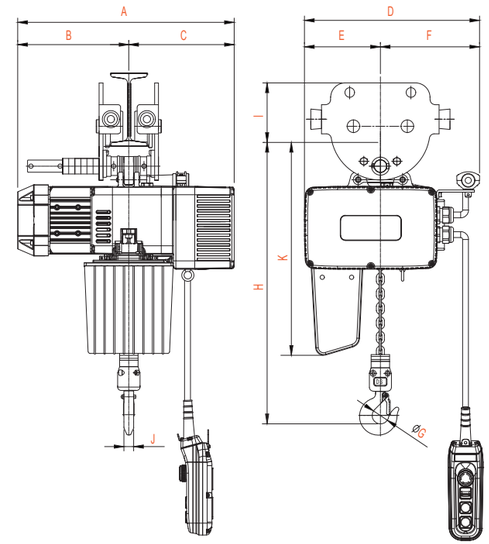
* Dimensions A, B, and C are based on a beam width of 75 mm.

※ The trolly rubber bumper and traversing limit switch are optional.

(E)DLP,(E)DLG TYPE

DLP & EDLP DIMENSION(mm)

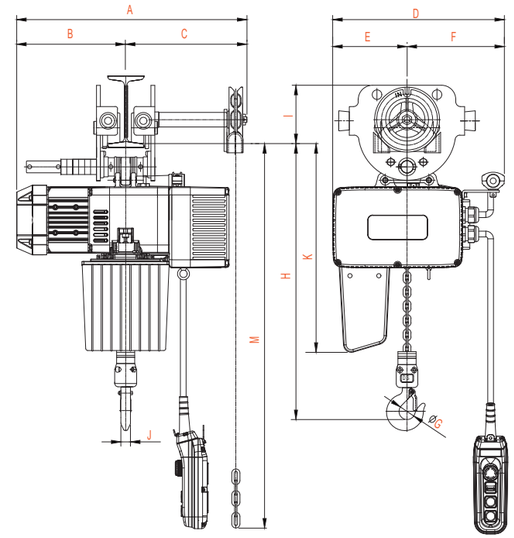
MODEL		DLP / EDLP - 500	DLP / EDLP - 250,125
H : minimum headroom	A	446	
	B	229	
	C	217	
	D	360	
	E	156	
	F	204	
	G	34	30
	H	Min 350	Min 345
	I	122.5	
	J	20	18
	K	438	
I-beam flange width		75mm - 150mm	
I-beam min. curve radius		800mm	



▶Refer to the DL / EDL specification table for Lifting motor specifications.

DLG & EDLG DIMENSION(mm)

MODEL		DLG / EDLG - 500	DLG / EDLG - 250,125
H : minimum headroom	A	483.5	
	B	229	
	C	254.5	
	D	360	
	E	156	
	F	204	
	G	34	30
	H	Min 350	Min 345
	I	122.5	
	J	20	18
	K	438	
	M	3500	
I-beam flange width		75mm - 150mm	
I-beam min. curve radius		800mm	



▶Refer to the DL / EDL specification table for Lifting motor specifications.

* Dimensions A, B, and C are based on a beam width of 75 mm.

INNOVATION



DSA
DSM
EDSA
EDSM

Traversing Limiter or Drop Stop & Rubber Bumper(Option)

Trolley traversing limiter or Drop stop & Rubber bumper is available as an option.



Traversing Limiter



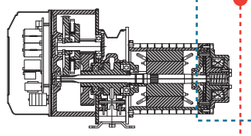
Upper and Lower Limit Switch

Prevent overwinding by stopping operation in the case of overlifting or overlowering.



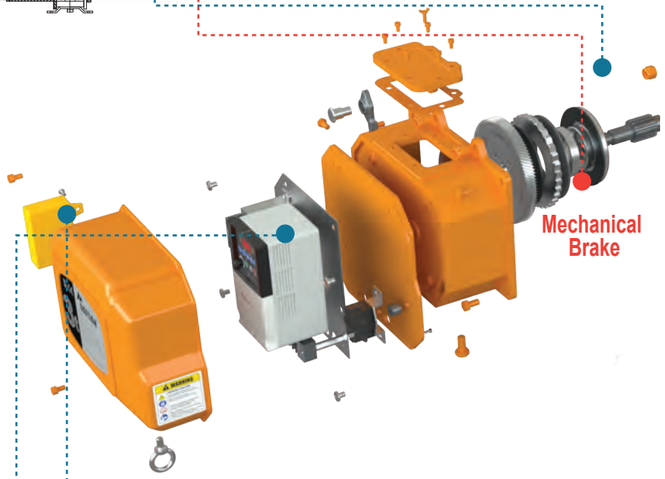
Gear Box / Oil Lubrication

The gearbox utilizes an alloy steel helical and spur gear reduction. Gear inspection and lubrication is easily accessible from the top of the hoist.



Dual Brake System(Mechanical Brake+Electric Brake)

Secured with dual braking system, disc type motor brake working with mechanical load brake provides load lowering control. Electric brake is designed for easy access and simple adjustment.



Mechanical Brake



Overload Alert(Option)

Installed as load detecting safety device to help prevent overload for greater hoist longevity.

Hooks

Load hook is forged carbon steel hook with a heavy-duty hook latch.Thrust bearing in hook allows 360˚rotation to prevent twisting of load chain.Top Hook, for hook suspended hoists is rigid.



Inverter(Option)

Adjustable dual lifting speed as well as dual traversing speed by variable frequency drive is available with EDSA/EDSM series from 1ton to 20ton. It is perfect type where precise and accurate lifting solution is required.Very silent and smooth lifting operation with great durability replaces conventional pole change type dual speed hoist.Speed setting can be adjusted upon customer request / 3 step lifting speed is optional.



Weather Cover (Option)

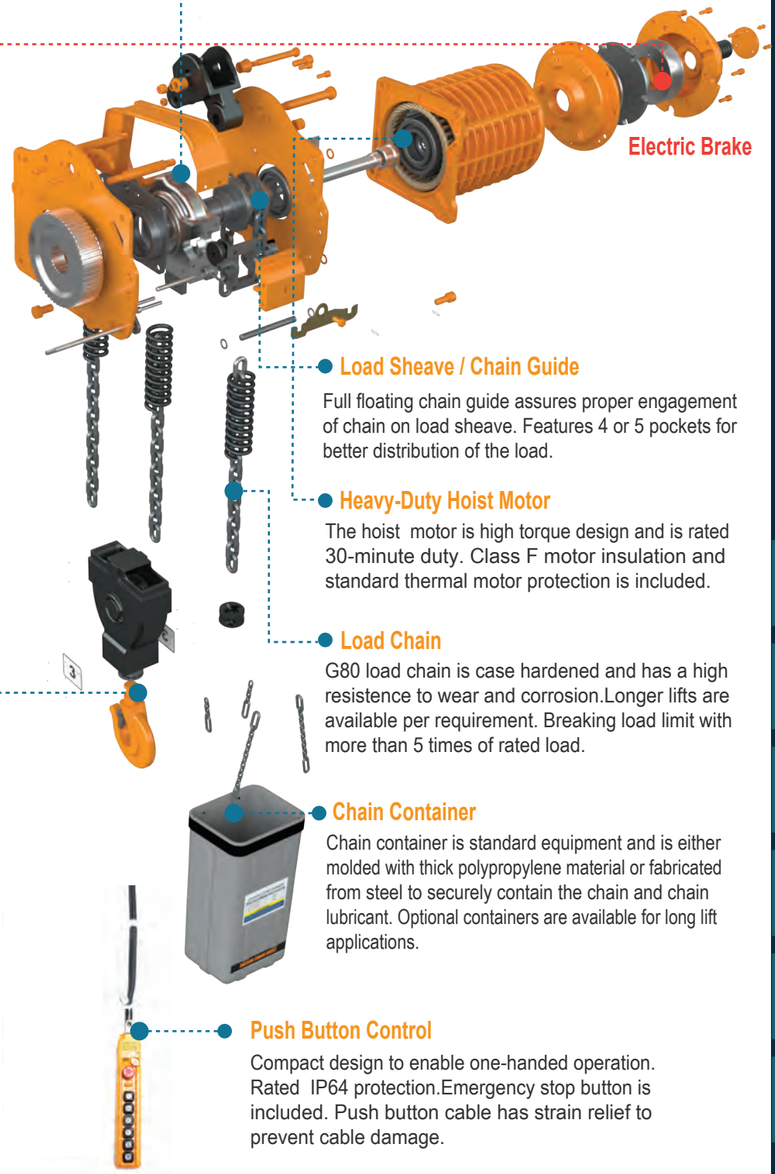
Hoist weather cover is a practical product that increases the longevity of your hoists perfect for seasonal and permanent installations.
Protect hoist in outdoor use.



Drop Stop & Rubber bumper

Motorized Trolley

Trolley is adjustable for a range of flange widths. Motor includes disc type brake.Side guide rollers are included to promote smooth trolley motion and to minimize wheel and beam wear. Wheels are dual tread design for operatoin on tapered or flat flange beams. Trolley motor includes class F insulation. Motor is rated 15 minute duty and includes standard thermal motor protection.



Electric Brake

Load Sheave / Chain Guide

Full floating chain guide assures proper engagement of chain on load sheave. Features 4 or 5 pockets for better distribution of the load.

Heavy-Duty Hoist Motor

The hoist motor is high torque design and is rated 30-minute duty. Class F motor insulation and standard thermal motor protection is included.

Load Chain

G80 load chain is case hardened and has a high resistence to wear and corrosion.Longer lifts are available per requirement. Breaking load limit with more than 5 times of rated load.

Chain Container

Chain container is standard equipment and is either molded with thick polypropylene material or fabricated from steel to securely contain the chain and chain lubricant. Optional containers are available for long lift applications.

Push Button Control

Compact design to enable one-handed operation. Rated IP64 protection.Emergency stop button is included. Push button cable has strain relief to prevent cable damage.



DSTHM
DSHM
EDSTHM
EDSHM
DSDHA
DSDHM

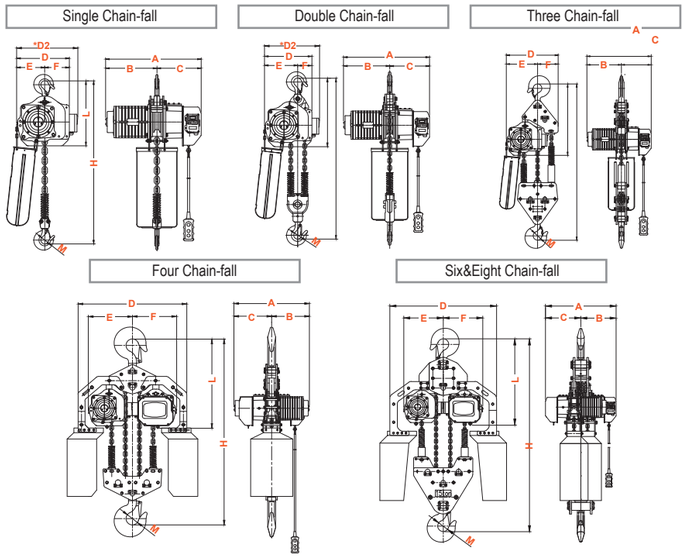
DUAL BRAKE HOIST (SINGLE SPEED & INVERTER CONTROL)

DSA,EDSA Series

SPECIFICATIONS

MODEL	DSA	SINGLE SPEED	1S	1.5S	2W	2S	2.5S	3S	3W	5W	7.5W	10W	15W	20W
	EDSA	DUAL SPEED	1S	1.5S	2W	2S	2.5S	3S	3W	5W	7.5W	10W	15W	20W
Capacity(W.L.L)	Ton		1	1.5	2		2.5	3		5	7.5	10	15	20
Power supply	Voltage		Customer's Requested Voltage											
Standard lift	m		4				5							
Pushbutton cord length	m		3.5				4.5							
Chain fall	No.		1		2		1		2		3	4	6	8
Lifting speed	m / min	SINGLE SPEED (50/60Hz)	6.8 / 8.2	8.6 / 10.3	3.4 / 4.1	6.7 / 8.1	5.4 / 6.5		4.35/5.15	2.75/3.25	1.8 / 2.1	2.75/3.25	1.8 / 2.1	1.3 / 1.6
		DUAL SPEED	2.2 - 6.4	3.0 - 9.2	1.1 - 3.2	2.2 - 6.5	2.7 - 6.5		1.5 - 4.6	1.35 - 3.25	0.9 - 2.1	1.35 - 3.25	0.9 - 2.1	0.67 - 1.6
Lifting motor	Kw		1.8	3.5	1.8	3.5						3.5 x 2		
Load chain (dia x pitch)	mm		7.1 x 21	9.5 x 28.6	7.1 x 21	11.2 x 34			9.5 x 28.6	11.2 x 34				
Net weight	Kg	SINGLE SPEED	72	118	85	121	127		147	167	274	407	796	901
		DUAL SPEED	74	120	87	123	129		149	169	276	411	800	905
Weight for additional 1miter lift	Kg		1.3	2.16	2.4	2.86			4.12	5.52	8.18	10.84	16.16	21.48
Duty rating	%ED	SINGLE SPEED (50/60Hz)	40%ED (30min)											
		DUAL SPEED	40/20%ED (30/10min)											

*Inverter speed setting can be adjusted upon customer's request





DIMENSION(mm)

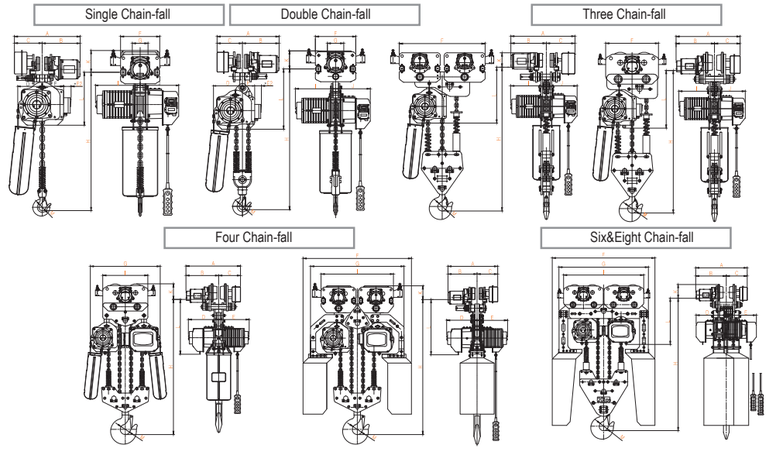
MODEL	DSA	SINGLE SPEED	1S	1.5S	2W	2S	2.5S	3S	3W	5W	7.5W	10W	15W	20W
	EDSA	DUAL SPEED	1S	1.5S	2W	2S	2.5S	3S	3W	5W	7.5W	10W	15W	20W
H : minimum heardroom		A	572	671	572	671						716	764	806
			622	701	622	701						716	823	866
		B	298	358	298	358							382	403
													412	433
		C	274	313	274	313						358	382	403
			324	343	324	343						358	412	433
		D	300	370	300	370					538	1032	1152	
		*D2	357	430	357	430					N/A			
		E	170	198	219	198			258	273	325	405	426	
		F	130	172	82	172			112	102	213	405	426	
		M	35	53.5		60				70	90	120		
		H	566	715	805	755	775		945	1060	1440		1790	
		L	405	483	490	483	490		560	580	740	822	933	

DSM,EDSM Series

SPECIFICATIONS

MODEL	DSM	SINGLE SPEED	1S	1.5S	2W	2S	2.5S	3S	3W	5W	7.5W	DSMS 7.5W	10W	DSMS 10W	15W	20W
	EDSM	DUAL SPEED	1S	1.5S	2W	2S	2.5S	3S	3W	5W	7.5W	EDSMS 7.5W	10W	EDSMS 10W	15W	20W
Capacity(W.L.L)	Ton		1	1.5	2		2.5	3		5	7.5		10		15	20
Power supply	Voltage		Customer's Requested Voltage													
Standard lift	m		4				5									
Pushbutton cord length	m		3.5				4.5									
Chain fall	No.		1		2		1		2		3		4		6	8
Lifting speed	m / min	SINGLE SPEED (50/60Hz)	6.8 / 8.2	8.6 / 10.3	3.4 / 4.1	6.7 / 8.1	5.4 / 6.5		4.35 / 5.15	2.75 / 3.25	1.8 / 2.1		2.75/ 3.25		1.8 / 2.1	1.3 / 1.6
		DUAL SPEED	2.2 - 6.4	3.0 - 9.2	1.1 - 3.2	2.2 - 6.5	2.7 - 6.5		1.5 - 4.6	1.35 - 3.25	0.9 - 2.1		1.35 - 3.25		0.9 - 2.1	0.67 - 1.6
Traversing speed	m / min	SINGLE SPEED (50/60Hz)	12 / 15				11 / 14								8.3 / 10	
		DUAL SPEED	5.2 - 15.2												3.3 - 10	
Lifting motor	Kw		1.8	3.5	1.8	3.5							3.5 x 2			
Traversing motor	Kw		0.4			0.75					0.75 x 2	0.75	0.75 x 2			
Load chain (dia x pitch)	mm		7.1 x 21	9.5 x 28.6	7.1 x 21	11.2 x 34			9.5 x 28.6	11.2 x 34						
I-beam flange width	mm		75 - 125	100 - 150						125 - 175					150 - 190	175 - 190
I-beam min. curve radius	mm		800			1000				1800	N/A	2000	N/A	2000	N/A	
Weight for additional 1miter lift	Kg		1.38	2.24	2.48	2.94			4.2	5.6	8.26		10.92		16.24	21.56
Net weight	Kg	SINGLE SPEED	105	162	128	169	201		221	254	518	478	657	614	1066	1171
		DUAL SPEED	109	166	132	173	205		225	258	522	482	663	620	1074	1179
Duty rating	%ED	SINGLE SPEED (50/60Hz)	40%ED (30min)													
		DUAL SPEED	40/20%ED (30/10min)													

*Inverter speed setting can be adjusted upon customer's request



※ The trolly rubber bumper and traversing limit switch are optional.

DIMENSION(mm)

MODEL	DSM	SINGLE SPEED	1S	1.5S	2W	2S	2.5S	3S	3W	5W	7.5W	DSMS 7.5W	10W	DSMS 10W	15W	20W
	EDSM	DUAL SPEED	1S	1.5S	2W	2S	2.5S	3S	3W	5W	7.5W	EDSMS 7.5W	10W	EDSMS 10W	15W	20W
B calculation B = 1/2 x (I-Beam width(mm)) H : minimum heardroom		A	498+2B	527+2B			552+2B			585+2B		643+2B	585+2B	643+2B	689+2B	731+2B
			548+2B	577+2B			602+2B			635+2B		693+2B	635+2B	693+2B	739+2B	781+2B
		B	290+B	304+B			328+B			343+B		386+B	343+B	386+B	409+B	430+B
		C	208+B	223+B			224+B			242+B		257+B	242+B	257+B	280+B	301+B
			258+B	273+B			274+B			292+B		307+B	292+B	307+B	330+B	351+B
		D	170	198	219	198			258	273	N/A		358		378	402.5
															428	430.5
		E	130	172	82	172			112	102	N/A		358		378	402.5
															428	430.5
		E2	60							56	N/A					
		F	298	315		360				410	860	530	1300	NA	1416	
		G	110	126		140				156	N/A		1098	824	1095	
		I	298	358	298	358							850	530	1070	
		J	274	313	274	313							N/A			
			324	343	324	343							N/A			
		K	165	161		156				160		185	160	184		
		M	35	53.5		60				70	90		120			
		H	593	700	782	738	762		934	1062	1360	1245	1240	1237	1500	
		L	405	460	477	460	465		532	595	587	575	648	643	617	

LOW HEADROOM HOIST

DSTHM,DSHM,EDSTHM,EDSHM Series

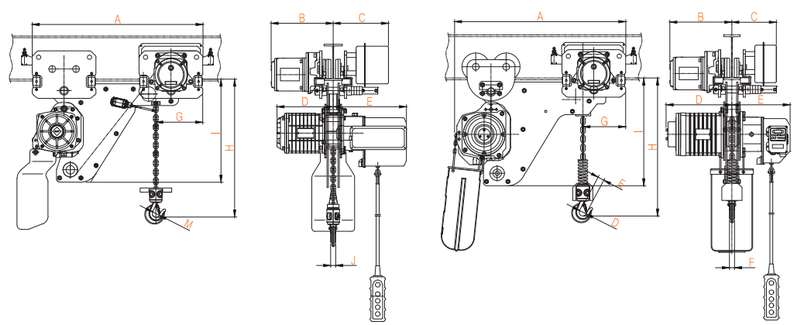


SPECIFICATIONS

MODEL		SINGLE SPEED	DSTHM-1S	DSTHM-2W	DSHM-1S	DSHM-1.5S	DSHM-2W	DSHM-2S	DSHM-2.5S	DSHM-3S	DSHM-3W	DSHM-5W
		DUAL SPEED	EDSTHM-1S	EDSTHM-2W	EDSHM-1S	EDSHM-1.5S	EDSHM-2W	EDSHM-2S	EDSHM-2.5S	EDSHM-3S	EDSHM-3W	EDSHM-5W
Capacity(W.L.L)	Ton		1	2	1	1.5	2		2.5	3		5
Power supply	Voltage		Customer's Requested Voltage									
Standard lift	m		4						5			
Chain fall	No.		1	2	1		2		1		2	
Lifting speed	m / min	SINGLE SPEED (50/60Hz)	6.8 / 8.2	3.4 / 4.1	6.8 / 8.2	8.6 / 10.3	3.4 / 4.1	6.7 / 8.1	5.4 / 6.5		4.35 / 5.15	2.75 / 3.25
		DUAL SPEED	2.7 - 8.2	1.3 - 4.1	2.2 - 6.4	3.0 - 9.2	1.1 - 3.2	2.2 - 6.5	2.7 - 6.5		1.5 - 4.6	1.35 - 3.25
Traversing speed	m / min	SINGLE SPEED (50/60Hz)	12 / 15								11 / 14	
		DUAL SPEED	5.2 - 15.2									
Lifting motor	Kw		1.8			3.5	1.8		3.5			
Traversing motor	Kw		0.4						0.75			
Load chain dia x Pitch	mm		7.1 x 21			9.5 x 28.6	7.1 x 21		11.2 x 34		9.5 x 28.6	11.2 x 34
I-beam flange width	mm		75 - 125	100 - 150	75 - 125	100 - 150						125 - 175
I-beam min. curve radius	mm		N/A									
Weight for additional 1 meter lift	Kg		1.38	2.48	1.38	2.2	2.48		2.94		4.2	5.6
Net weight	Kg	SINGLE SPEED	132	150.5	146	215	166.5	222	258		279	332
		DUAL SPEED	134	152.5	148	217	168.5	224	260		281	334
Duty rating	%ED	SINGLE SPEED (50/60Hz)	40%ED (30min)									
		DUAL SPEED	40/20%ED (30/10min)									

*Inverter speed setting can be adjusted upon customer's request





DIMENSION(mm)

※ The trolly rubber bumper and traversing limit switch are optional.

CODE		1속식	DSTHM-1S	DSTHM-2W	DSHM-1S	DSHM-1.5S	DSHM-2W	DSHM-2S	DSHM-2.5S	DSHM-3S	DSHM-3W	DSHM-5W
		2속식(인버터 타입)	EDSTHM-1S	EDSTHM-2W	EDSHM-1S	EDSHM-1.5S	EDSHM-2W	EDSHM-2S	EDSHM-2.5S	EDSHM-3S	EDSHM-3W	EDSHM-5W
B calculation B = 1/2 x (I-Beam width(mm)) H : minimum headroom	A		798	815	800	864	808	864	889			907
	B		295+B	299+B	290+B	304+B			328+B			343+B
	C		212+B	215+B	208+B	223+B			224+B			242+B
			262+B	265+B	258+B	273+B			274+B			292+B
	D		264		298	358	298		358			
	E		293		274	313	274		313			
			343		324	343	324		343			
	G		219	188	200	167	229	167	192			208
	H		265	455	435	441	545	483	496		600	690
	I		483	513	505	556	510	555	558			565
	J		24	30	24	30			35			43.5
	M		35	63.5	35	53.5			60			70

DAESAN low headroom type electric chain hoist is specially designed to have shorter headroom. It is suitable for installation which requires low ceiling making it effective for work that hoists the cargo as high as possible. Special requirements such as dual speed or curved beam is optional.

TWIN HOOK TYPE HOIST

DSDHA,DSDHM Series



DAESAN twin hook electric chain hoist is equipped with single motor and two hooks are intended to lift the hooks with load horizontally, equally and safely. Since there is 1 chain hoist drive, the load is kept level during hoisting. This is optimal for long & wide load that must be hoisted from 2 points and cargo that must be kept level. Special requirements such as dual speed or curved beam is optional.

SPECIFICATIONS

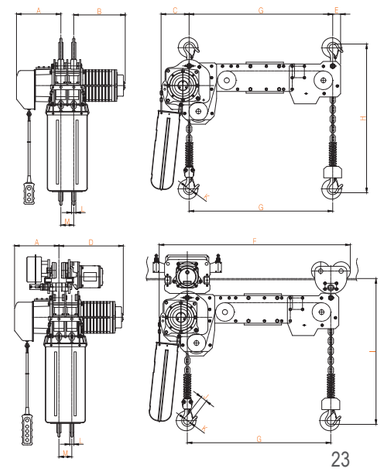
MODEL	DSDHA	SINGLE SPEED	1S	1.5S	2W	2S	2.5S	3S	3W	5W
	EDSDHA	DUAL SPEED	1S	1.5S	2W	2S	2.5S	3S	3W	5W
Capacity	Ton		1	1.5	2		2.5	3		5
Power supply	Voltage		Customer's Requested Voltage							
Standard lift	m		4				5			
Chain fall	No.		1		2	1		2		
Pushbutton cord length	m		3.5				4.5			
Lifting speed	m / min	SINGLE SPEED (50/60Hz)	6.8 / 8.2	8.6 / 10.3	3.4 / 4.1	6.7 / 8.1	5.4 / 6.5		4.35 / 5.15	2.75 / 3.25
		DUAL SPEED	2.2 - 6.4	3.0 - 9.2	1.1 - 3.2	2.2 - 6.5	2.7 - 6.5		1.5 - 4.6	1.35 - 3.25
Lifting motor	Kw		1.8	3.5	1.8	3.5				
Load chain (dia x pitch)	mm		7.1 x 21	9.5 x 28.6	7.1 x 21	11.2 x 34			9.5 x 28.6	11.2 x 34
Weight for additional 1 meter lift	Kg		2.48	4.2	4.68	5.6			8.12	10.92
Duty rating	%ED	SINGLE SPEED (50/60Hz)	40%ED (30min)							
		DUAL SPEED	40/20%ED (30/10min)							

SPECIFICATIONS

MODEL	DSDHM	SINGLE SPEED	1S	1.5S	2W	2S	2.5S	3S	3W	5W
	EDSDHM	DUAL SPEED	1S	1.5S	2W	2S	2.5S	3S	3W	5W
Capacity	Ton		1	1.5	2		2.5	3		5
Power supply	Voltage		Customer's Requested Voltage							
Standard lift	m		4				5			
Chain fall	No.		1		2	1		2		
Lifting speed	m / min	SINGLE SPEED (50/60Hz)	6.8 / 8.2	8.6 / 10.3	3.4 / 4.1	6.7 / 8.1	5.4 / 6.5		4.35 / 5.15	2.75 / 3.25
		DUAL SPEED	2.2 - 6.4	3.0 - 9.2	1.1 - 3.2	2.2 - 6.5	2.7 - 6.5		1.5 - 4.6	1.35 - 3.25
Traversing speed	m / min	SINGLE SPEED (50/60Hz)	12 / 15				11 / 14			
		DUAL SPEED	5.2 - 15.2							
Lifting motor	Kw		1.8	3.5	1.8	3.5				
Traversing motor	Kw		0.4				0.75			
Load chain dia x Pitch	mm		7.1 x 21	9.5 x 28.6	7.1 x 21	11.2 x 34			9.5 x 28.6	11.2 x 34
I-beam flange width	mm		75 - 125	100 - 150						125 - 175
I-beam min. curve radius	mm		Inquire separately when ordering							
Weight for additional 1 meter lift	Kg		2.48	4.2	4.68	5.6			8.12	10.92
Duty rating	%ED	SINGLE SPEED (50/60Hz)	40%ED (30min)							
		DUAL SPEED	40/20%ED (30/10min)							

DIMENSION(mm)

MODEL : DSDHA,DSDHM	1S	1.5S	2W	2S	2.5S	3S	3W	5W
A	274	313	274	313				
	324	343	324	343				
B	298	358	298	358				
C	170	198	170	198			258	273
D	369	448	369	448				
E	51	56	70	55			92	96
F	G+ C+135.5			G+C+156				G+C+176
G	600-4000							
H	566	715	805	755	775		945	1060
I	593	700	782	738	762		934	1062
J	23.5	39		45				56
K	35	53.5		60				70
L	24	30		35				43.5
M	71	90	71	90				



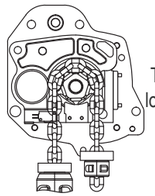
REVOLUTION



Traversing Limiter or Drop Stop & Rubber Bumper(Option)

Trolley traversing limiter or Drop stop & Rubber bumper is available as an option.





Dual Safety Device Friction clutch & Upper limit switch

The friction clutch is an overload protection device that idles the motor when over loaded.This function combined with overload limiter to prevent the hoist body or load chain from being damaged.In addition, when a load is lifted excessively the limit switch activates and stops the motor, preventing hoist and load chain damage.

Gear Box / Oil Lubrication

The gearbox utilizes an alloy steel helical and spur gear reduction. Gear inspection and lubrication is easily accessible from the top of the hoist.



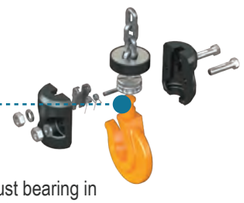
Load Sheave / Chain Guide

Full floating chain guide assures proper engagement of chain on load sheave. Features 5 pockets for better distribution of the load.



Overload Alert(Option)

Installed as load detecting safety device to help prevent overload for greater hoist longevity.



Hooks

Load hook is forged carbon steel hook with a heavy-duty hook latch.Thrust bearing in hook allows 360° rotation to prevent twisting of load chain.Top Hook, for hook suspended hoists is rigid.



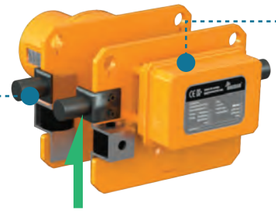
Inverter(Option)

Adjustable dual lifting speed as well as dual traversing speed by variable frequency drive is available with EDSS / EDSSM / EDST / EDSTM Series from 0.5ton to 2ton.It is perfect type where precise and accurate lifting solution is required.Very silent and smooth lifting operation with great durability replaces conventional pole change type dual speed hoist.Speed setting can be adjusted upon customer request / 3 step lifting speed is optional.



Weather Cover (Option)

Hoist weather cover is a practical product that increases the longevity of your hoists perfect for seasonal and permanent installations. Protect hoist in outdoor use.



Drop Stop & Rubber bumper

Motorized Trolley

Trolley is adjustable for a range of flange widths. Motor includes disc type brake.Side guide rollers are included to promote smooth trolley motion and to minimize wheel and beam wear. Wheels are dual tread design for operatoin on tapered or flat flange beams. Trolley motor includes class F insulation. Motor is rated 15 minute duty and includes standard thermal motor protection.

Brake System

Operated by powerful pull rotor using magnetic force, it is cone type brake.It has brake lining clearance adjustment function that maximize the lifetime of brake lining.

Heavy-Duty Hoist Motor

The hoist motor is high torque design and is rated 30-minute duty. Class F motor insulation and standard thermal motor protection is included.

Load Chain

G80 load chain is case hardened and has a high resistence to wear and corrosion.Longer lifts are available per requirement. Breaking load limit with more than 5 times of rated load.



Chain Container

Chain container is standard equipment molded with thick polypropylene material to securely contain the chain and chain lubricant. Optional containers are available for long lift applications.

Push Button Control

Compact design to enable one-handed operation. Rated IP64 protection.Emergency stop button is included. Push button cable has strain relief to prevent cable damage.



DST
EDST
DSS
EDSS

DSTM
EDSTM
DSSM
EDSSM

FRICTION CLUTCH HOIST

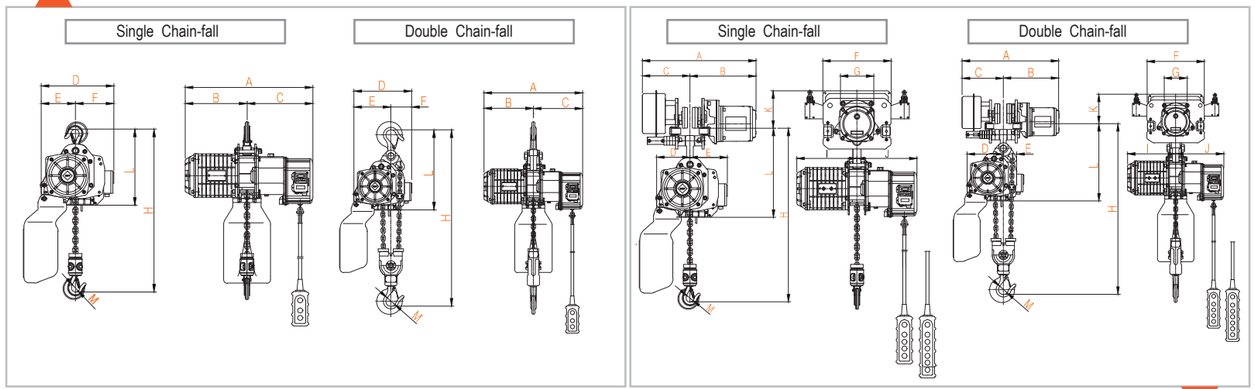
DST Series — THREE PHASE

SPECIFICATIONS

MODEL : DST		0.5S	1S	2W
Capacity	Ton	0.5	1	2
Power supply	Voltage	Customer's Requested Voltage		
Standard lift	m	4		
Chain fall	No.	1		2
Lifting speed range(m/min)	50 Hz	6.7	6.8	3.4
	60 Hz	8	8.2(5.5)	4.1
Hoist motor	Kw	0.8	1.8	
Load chain	dia x pitch	6.3 x 19	7.1 x 21	
Net weight	Kg	57	58	71
Duty rating	%ED	40%ED (30min)		

DIMENSION(mm)

MODEL : DST		0.5S	1S	2W
H : minimum headroom	A	523	526	
	B	264		
	C	262		
	D	311		
	E	146		198
	F	165		113
	M	34	35	53.5
	H	384	400	680
	L	324		428



※ The trolly rubber bumper and traversing limit switch are optional.

DSTM Series — THREE PHASE

SPECIFICATIONS

MODEL : DSTM		0.5S	1S	2W
Capacity	Ton	0.5	1	2
Power supply	Voltage	Customer's Requested Voltage		
Standard lift	m	4		
Chain fall	No.	1		2
Lifting speed range(m/min)	50 Hz	6.7	6.8	3.4
	60 Hz	8	8.2(5.5)	4.1
Trolley speed(m/min)	50 Hz	12		
	60 Hz	15		
Hoist motor	Kw	0.8	1.8	
Trolley moter	Kw	0.4		
Load chain	dia x pitch	6.3 x 19	7.1 x 21	
I-beam flange width	I-beam width	75 - 125		100 - 150
I-beam min. curve radius	Curve radius	800		
Net weight	Kg	97	98	117
Duty rating	%ED	40%ED (30min)		

DIMENSION(mm)

MODEL : DSTM		0.5S	1S	2W
B calculation B = 1/2 x (I-Beam width(mm)) H : minimum headroom	A	498+2B		528+2B
	B	208+B		223+B
	C	290+B		305+B
	D	146		198
	E	165		113
	F	300		315
	G	110		125.4
	I	264		
	J	262		
	K	165		161
	M	34	35	53.5
	H	434	446	660
	L	359		424

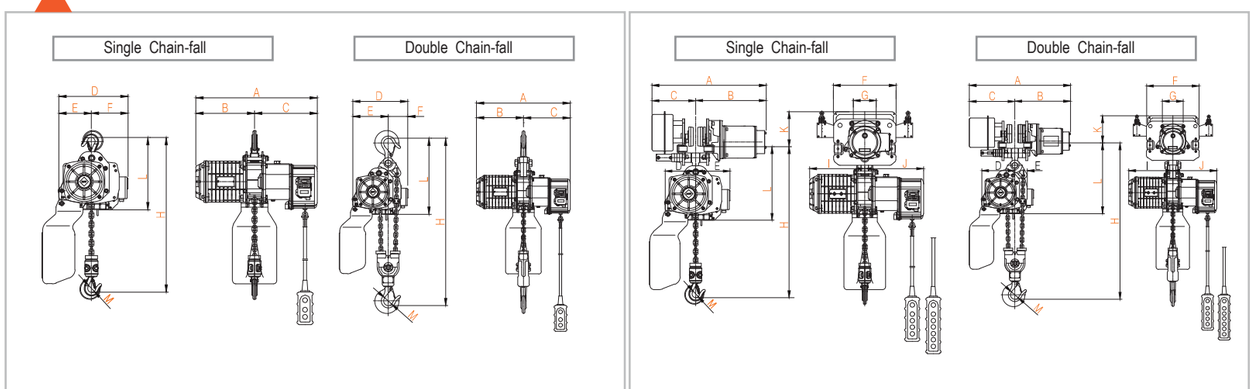
DSS Series — SINGLE PHASE

SPECIFICATIONS

MODEL : DSS		0.5S	1S	2W
Capacity	Ton	0.5	1	2
Power supply	Voltage	110 / 220		
Standard lift	m	4		
Chain fall	No.	1		2
Lifting speed range(m/min)	50 Hz	6.7	3.4	1.7
	60 Hz	8	4.1	2
Hoist motor	Kw	0.8		
Load chain	dia x pitch	6.3 x 19	7.1 x 21	
Net weight	Kg	57	60	73
Duty rating	%ED	30%ED (20min)		

DIMENSION(mm)

MODEL : DSS		0.5S	1S	2W
H : minimum headroom	A	526	545	
	B	264		
	C	262	281	
	D	311		
	E	146		198
	F	165		113
	M	34	35	53.5
	H	384	400	680
	L	324		428



※ The trolly rubber bumper and traversing limit switch are optional.

DSSM Series — SINGLE PHASE

SPECIFICATIONS

MODEL : DSSM		0.5S	1S	2W
Capacity	Ton	0.5	1	2
Power supply	Voltage	110 / 220		
Standard lift	m	4		
Chain fall	No.	1		2
Lifting speed range(m/min)	50 Hz	6.7	3.4	1.7
	60 Hz	8	4.1	2
Trolley speed(m/min)	50 Hz	9		
	60 Hz	11		
Hoist motor	Kw	0.8		
Trolley moter	Kw	0.2		
Load chain	dia x pitch	6.3 x 19	7.1 x 21	
I-beam flange width	I-beam width	75 - 125		100 - 150
I-beam min. curve radius	Curve radius	800		
Net weight	Kg	96	99	119
Duty rating	%ED	30%ED (20min)		

DIMENSION(mm)

MODEL : DSSM		0.5S	1S	2W
B calculation B = 1/2 x (I-Beam width(mm)) H : minimum headroom	A	546+2B		576+2B
	B	338+B		353+B
	C	208+B		223+B
	D	146		198
	E	165		113
	F	300		315
	G	110		125.4
	H	434	446	660
	I	264		
	J	281		
	K	165		161
	L	359		424
	M	34	35	53.5



FRICTION CLUTCH INVERTER HOIST

EDST Series — THREE PHASE



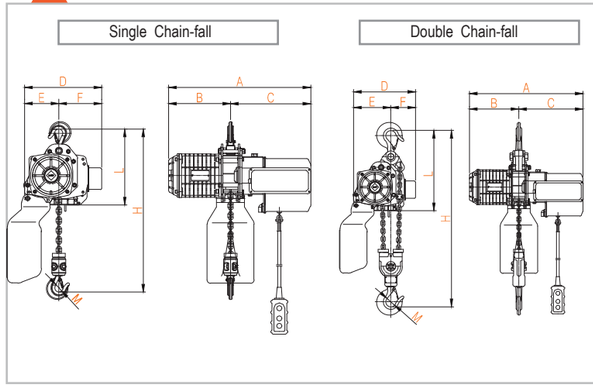
SPECIFICATIONS

MODEL : EDST		0.5S	1S	2W
Capacity	Ton	0.5	1	2
Power supply	Voltage	220 / 380 / 440		
Standard lift	m	4		
Chain fall	No.	1		2
Lifting speed range(m/min)	2Speed	2.7 - 8.2		1.3 - 4.1
Hoist motor	Kw	0.8	1.8	
Load chain	dia x pitch	6.3 x 19	7.1 x 21	
Net weight	Kg	61	63	77
Duty rating	%ED	40/20%ED (30/10min)		

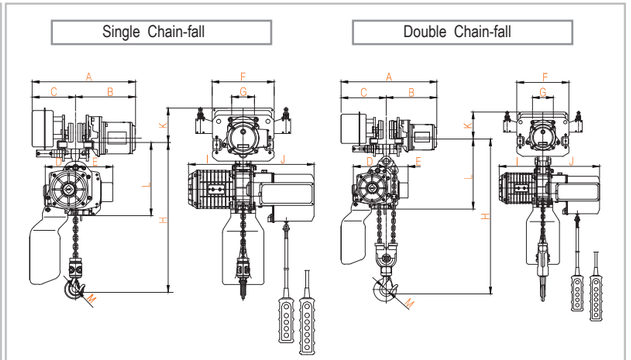
DIMENSION(mm)

MODEL : EDST		0.5S	1S	2W
H : minimum headroom	A	606		
	B	264		
	C	342		
	D	329		
	E	146		198
	F	183		131
	M	34	35	53.5
	H	384	400	680
	L	358		462

Single Chain-fall | Double Chain-fall



Single Chain-fall | Double Chain-fall



※ The trolly rubber bumper and traversing limit switch are optional.

EDSTM Series — THREE PHASE

SPECIFICATIONS

MODEL : EDSTM		0.5S	1S	2W
Capacity	Ton	0.5	1	2
Power supply	Voltage	220 / 380 / 440		
Standard lift	m	4		
Chain fall	No.	1		2
Lifting speed range(m/min)	2Speed	2.7 - 8.2		1.3 - 4.1
Trolley speed(m/min)	2Speed	5.2 - 15.2		
Hoist motor	Kw	0.8	1.8	
Trolley moter	Kw	0.4		
Load chain	dia x pitch	6.3 x 19	7.1 x 21	
I-beam flange width	I-beam width	75 - 125		100 - 150
I-beam min. curve radius	Curve radius	800		
Net weight	Kg	101	102	122
Duty rating	%ED	40/20%ED (30/10min)		

DIMENSION(mm)

MODEL : EDSTM		0.5S	1S	2W
B calculation B = 1/2 x (I-Beam width(mm)) H : minimum headroom	A	548+2B		577+2B
	B	290+B		304+B
	C	258+B		273+B
	D	146		198
	E	183		131
	F	300		315
	G	110		125.4
	H	434	446	660
	I	264		
	J	342		
	K	165		161
	L	393		458
	M	34	35	53.5

EDSS Series — SINGLE PHASE



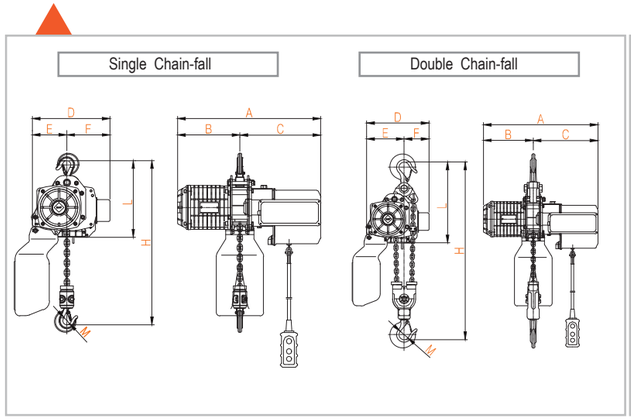
SPECIFICATIONS

MODEL : EDSS		0.5S	1S	2W
Capacity	Ton	0.5	1	2
Power supply	Voltage	220		
Standard lift	m	4		
Chain fall	No.	1		2
Lifting speed range(m/min)	2Speed	1.7 - 5.2		1.0 - 2.6
Hoist motor	Kw	0.8	1.5	
Load chain	dia x pitch	6.3 x 19	7.1 x 21	
Net weight	Kg	63	64	77
Duty rating	%ED	40/20%ED (30/10min)		

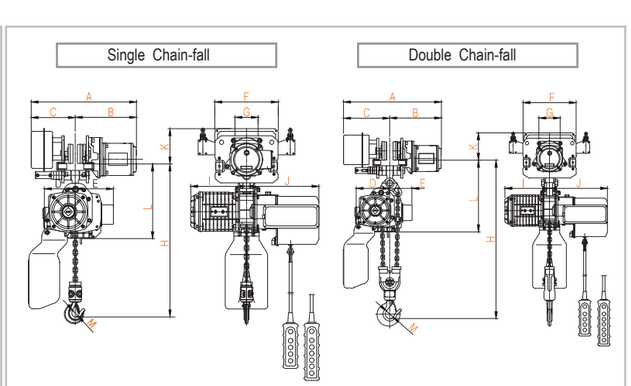
DIMENSION(mm)

MODEL : EDSS		0.5S	1S	2W
H : minimum headroom	A	606		
	B	264		
	C	342		
	D	311		
	E	146		198
	F	165		113
	M	34	35	53.5
	H	384	400	680
	L	378		482

Single Chain-fall | Double Chain-fall



Single Chain-fall | Double Chain-fall



※ The trolly rubber bumper and traversing limit switch are optional.

EDSSM Series — SINGLE PHASE

SPECIFICATIONS

MODEL : EDSSM		0.5S	1S	2W
Capacity	Ton	0.5	1	2
Power supply	Voltage	220		
Standard lift	m	4		
Chain fall	No.	1		2
Lifting speed range(m/min)	2Speed	1.7 - 5.2		1.0 - 2.6
Trolley speed(m/min)		11		
Hoist motor	Kw	0.8	1.5	
Trolley moter	Kw	0.2		
Load chain	dia x pitch	6.3 x 19	7.1 x 21	
I-beam flange width	I-beam width	75 - 125		100 - 150
I-beam min. curve radius	Curve radius	800		
Net weight	Kg	98	99	122
Duty rating	%ED	40/20%ED (30/10min)		

DIMENSION(mm)

MODEL : EDSSM		0.5S	1S	2W
B calculation B = 1/2 x (I-Beam width(mm)) H : minimum headroom	A	547+2B		576+2B
	B	339+B		353+B
	C	208+B		223+B
	D	146		198
	E	165		113
	F	300		315
	G	110		125.4
	H	434	446	660
	I	264		
	J	342		
	K	165		161
	L	393		458
	M	34	35	53.5

DAESAN MANUAL HOIST



CHAIN BLOCK

DAESAN portable, light weight hand chain hoists are compact and provide a dependable working tool for industrial maintenance, construction sites, machine shops,and production situations where parts need to be positioned accurately but infrequently.

Covers : Protective steel covers can easily be removed for inspection and maintenance. Wheel cover & brake cover protect block from dust and rain.

Mechnical Load Brake : Can hold a capacity load stationary at any position.

Hooks : All hooks are drop forged, heat treated steel with spring type latches. Both hook rotates 360 for easy rigging.

Chain Guide : Allows smooth operation of load chain.

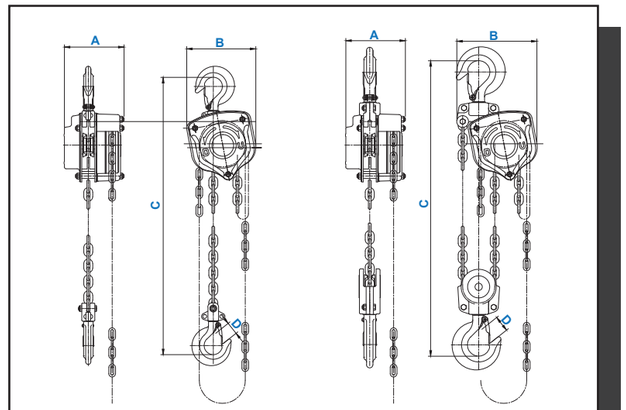
Load Sheaves : Deep cast pockets precisely fit the load chain. Load shafts are supported by prelubricated bearings for smooth operation.

Load Chain : Electric welded G80 alloy steel chain is heat treated for wear resistance and strength. Accurately and uniformly sized to seat properly in load sheaves.

* Overload protection by slip clutch system (Option)

■ For the last 3 decades DSN series had been sold over 1,000,000 units in Korea and overseas.



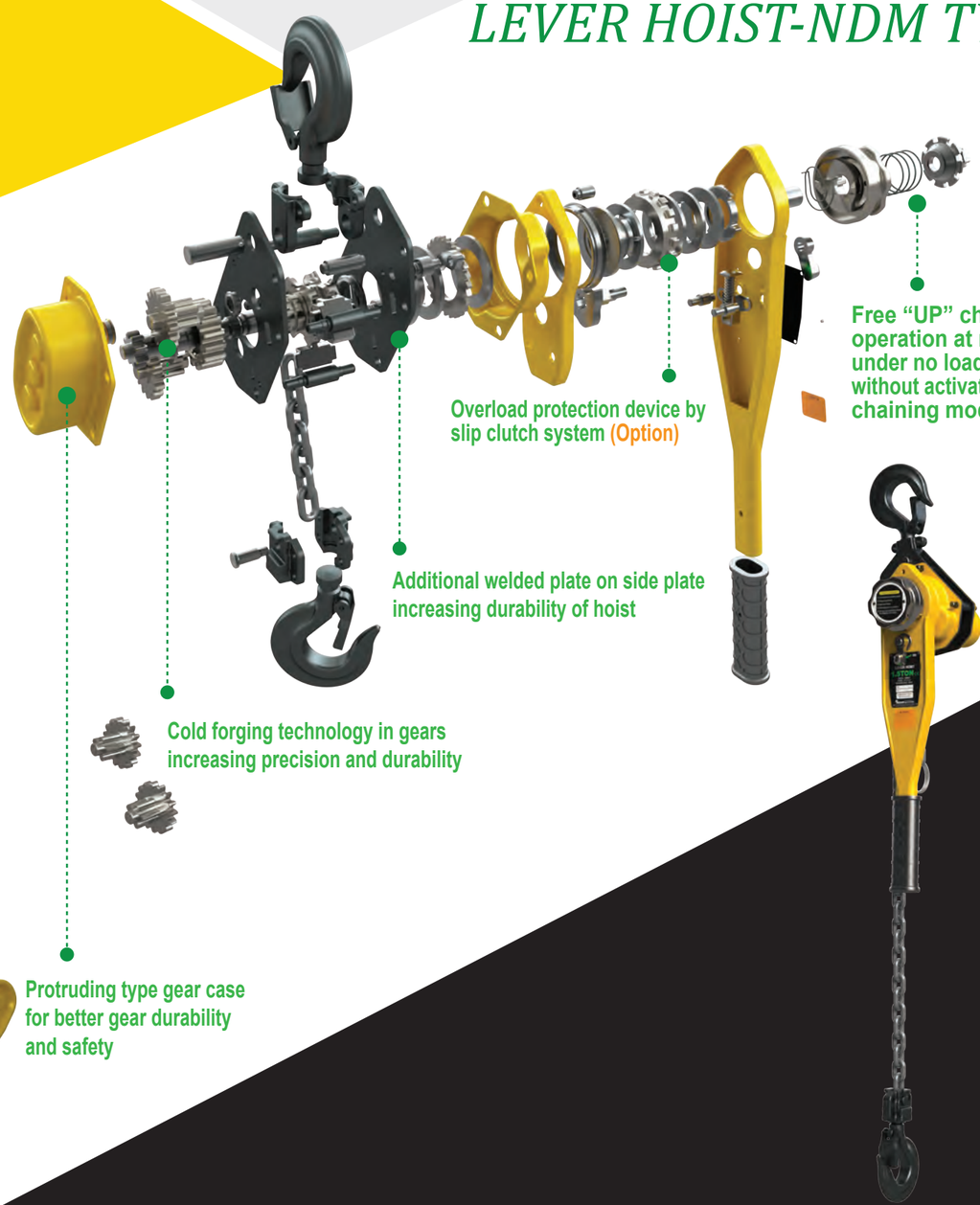


DSN TYPE

MODEL NO :		DSN0.5	DSN1	DSN1.5	DSN2N	DSN2	DSN3	DSN5	DSN7.5	DSN10	DSN15	DSN20	DSN25	DSN30	DSN40
Capacity(SWL)	Ton	0.5	1	1.5	2	2	3	5	7.5	10	15	20	25	30	40
Chainfall	No.	1	1	1	2	1	2	2	3	4	6	8	10	12	16
Standard lift	m	2.5	2.5	2.5	3	3	3	3	3.5	3.5	3.5	3.5	3.5	3.5	3.5
Load chain dia.	mm	6.3 x 19.1	6.3 x 19.1	7.1 x 21.0	6.3 x 19.1	7.9 x 23.0	7.1 x 21.0	9.0 x 27.0	9.0 x 27.0	9.0 x 27.0	9.0 x 27.0	9.0 x 27.0	9.0 x 27.0	9.0 x 27.0	9.0 x 27.0
Hand chain	mm	5.0 x 22.8	5.0 x 22.8	5.0 x 22.8	5.0 x 22.8	5.0 x 22.8	5.0 x 22.8	5.0 x 22.8	5.0 x 22.8	5.0 x 22.8	5.0 x 22.8	5.0 x 22.8	5.0 x 22.8	5.0 x 22.8	5.0 x 22.8
Net weight	Kg	11	12	14	18	22	23	41	63	86	131.5	209	393	536	696
Pulling efforts	Kg	18	33	34	33	34	35	39	40	41	41 x 2	41 x 2	41 x 2	41 x 2	41 x 2
A (Dimension)	mm	147	147	147	150	184	147	185	185	185	212	212	388	426	502
B		145	145	164	179	187	206	258	367	367	745	873	798	798	798
C		310	330	360	430	380	480	620	720	820	850	970	1500	1870	1960
D		26	30	33	38	38	42	45	63	86	132	178	85	95	95

DAESAN
MANUAL HOIST
REVOLUTION

LEVER HOIST-NDM TYPE



Overload protection device by slip clutch system (Option)

Free “UP” chaining operation at neutral under no load status without activating free chaining mode

Additional welded plate on side plate increasing durability of hoist

Cold forging technology in gears increasing precision and durability

Protruding type gear case for better gear durability and safety

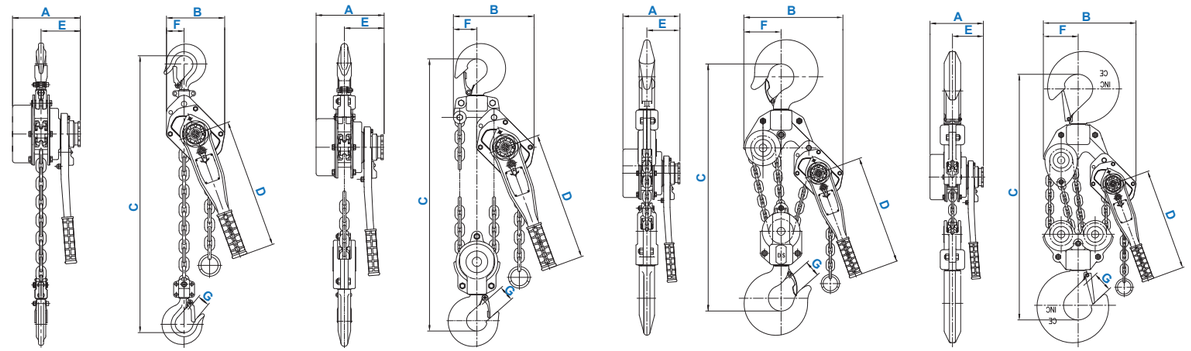
LEVER HOIST



NDM TYPE

DAESAN NDM lever hoist is one of the most reliable and durable ratchet lever hoists in the industry. Its light weight and portable design, easy free-chaining feature and 360° rotating handle make it one of the most versatile hoists on the market today.

- Cold-Forging technology in gears increasing precision and durability
- Protruding type gear case for better safety
- Additional welded plate on side plate increasing durability
- Free "UP" chaining operation at neutral under no load status without activating free chaining mode
- Overload protection by slip clutch system (Option)



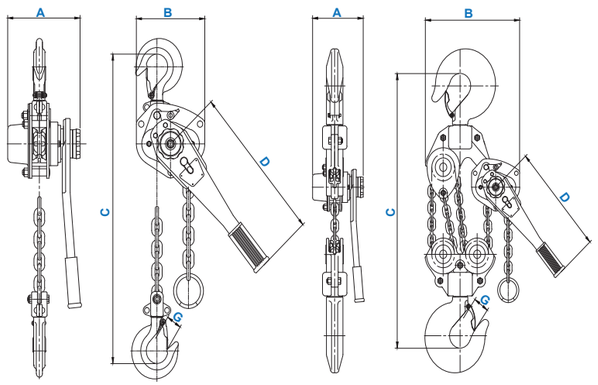
NDM TYPE

MODEL NO :		NDM08	NDM15	NDM20	NDM30	NDM60	NDM90	NDM120
Capacity(SWL)	(ton)	0.8	1.5	2	3	6	9	12
Chain fall	(no.)	1	1	1	1	2	3	4
Standard lift	(m)	1.5	1.5	1.5	1.5	1.5	1.5	1.5
Load chain dia.	(mm)	6.3 x 19.1	7.1 x 21.0	7.1 x 21.0	9.0 x 27.0	9.0 x 27.0	9.0 x 27.0	9.0 x 27.0
Net weight	(kg)	7	10.5	11	17.5	29	56	74
Pulling efforts	(kg)	30	30	40	37	38	39	40
A (Dimension)	(mm)	155.5	168.5	168.5	201	201	201	201
B		121	141.5	141.5	172.5	241	349	349
C		329.5	379	395	465	615	775	880
D		273	386	386	386	386	386	386
E		102	107	107	117	117	117	117
F		38	45	45	52	70	131	131
G		25	28	30	38	46	57	79



D1 TYPE

DAESAN light weight, portable lever hoist increases a worker's efficiency in pulling, lifting, lowering moving and skidding objects in industrial maintenance construction and utility company applications. Minimal effort is required to move tons. Excellent for stretching cable and fencing positioning machinery and building components.





Operation (D1 type) : Two levers and a knob control the operation of DAESAN lever hoist.
The lifting "Lock" lever can only be engaged when the hoist chain is slack (not under load) The grip ring is then pulled to engage the load sheave. Choose "Up" or "Down" position on the handle to raise or lower the load.

Gears : Six tooth pinion gear and four pocket load sheave makes operation easy. Gears are permanently lubricated

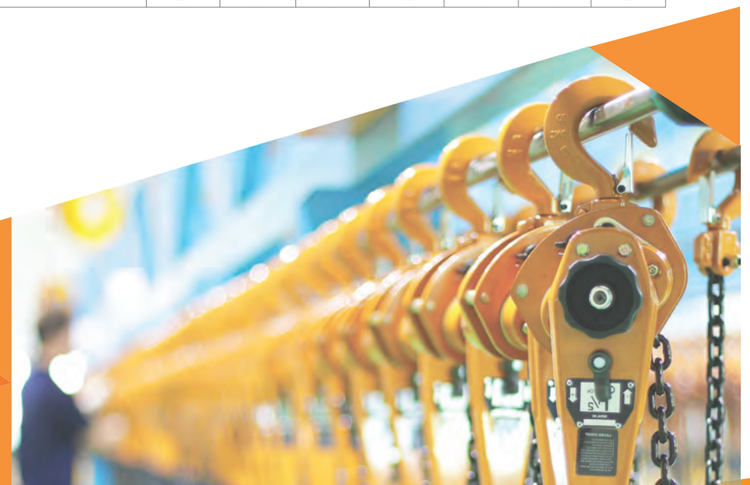
Mechanical load brake : Brake can hold a full capacity load stationary in any position. Load is not transferred back to handle during handle advancement.

Hooks : All hooks are drop forged, heat treated steel with spring type latches. Both hook rotates 360° for easy rigging.

Load Chain : Electric welded G80 alloy steel chain is heat treated for wear resistance and strength. Accurately and uniformly sized to seat properly in load sheaves.

D1 TYPE

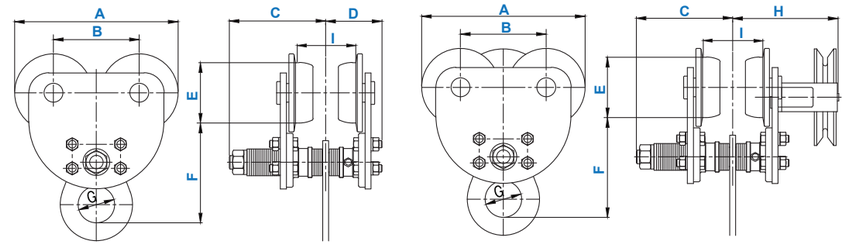
MODEL NO :		D08	D15	D20	D30	D60	D90	D120
Capacity(SWL)	(ton)	0.75	1.5	2	3	6	9	12
Chain fall	(no.)	1	1	1	1	2	3	4
Standard lift	(m)	1.5	1.5	1.5	1.5	1.5	1.5	1.5
Load chain dia.	(mm)	6.3 x 19.1	7.1 x 21.0	7.1 x 21.0	9.0 x 27.0	9.0 x 27.0	9.0 x 27.0	9.0 x 27.0
Net weight	(kg)	7	10	10.5	17	28	56	73
Pulling efforts	(kg)	16	18	24	33	35	37	39
A (Dimension)	(mm)	147	163	163	192	192	192	192
B		147	147	147	181	248	356	356
C		295	325	350	430	590	700	810
D		260	370	370	370	370	370	370
G		26	33	38	42	46	45	52



TROLLEY

DAESAN plain and geared trolleys are light and easy to adapt to a wide range of beams.
The trolley wheels include lifetime ball bearings for maintenance free operation.

Bearings : Shielded, lifetime lubricated, single row ballbearings.
Wheels : Crown tread allows operation on tapered or flat flange beams with increased durability.
Suspension Lug : Pivot mounted suspension shaft designed to equally distribute the load to all wheels.
Hand Chain Box : Equipped from 20ton or above capacity gear trolley for better protection.



DP,DG TYPE

MODEL NO :	DP(Plain trolley)	DP05	DP1	DP2	DP3	DP5	DP10	N/A	N/A	N/A	N/A
	DG(Geard trolley)	N/A	DG1	DG2	DG3	DG5	DG10	DG15	DG20	DG30	DG40
Capacity	(ton)	0.5	1	2	3	5	10	15	20	30	40
Hand chain operation length	(m)	N/A	2.5	3	3	3	3.5	3.5	3.5	3.5	3.5
Min curve radius	(mm)	1000	1300	1500	2000	2500	2600	3000	N/A	N/A	N/A
A (Dimension)	(mm)	174	233	271	312	352	352	505	1131	1312	1312
B		90	122	142	163	183	183	255	712	776	776
C		142.5	142.5	160	168.5	184.5	249	211	291.5	302	302
D		76	76	93	100.5	115	126	N/A	N/A	N/A	N/A
E		55	80	100	113	125	125	254	150	154	154
F		1295	128	165	190	230	253.5	337.5	434	457.5	457.5
G		45	45	60	67	77	70	80	122	122	122
H		N/A	164	176	183	198.5	199.5	283	291.5	302	302
I		75-125	75-125	100-150	100-150	125-175	125-200	175-200	175-200	175-200	175-200
Net weight DP TYPE (Standard)	(kg)	6	10	18.5	29	45	68	N/A	N/A	N/A	N/A
Net weight DG TYPE (Standard)	(kg)	N/A	14	23	35	50	78	210	320	450	500

*(I : applied I-beam width)
*C,D,H figures are for minimum beam width. Figures will be changed accordingly when applied beam width increases.



Trolley & Chain block applied to I-beam



PLAIN TROLLEY(DP)



GEARED TROLLEY(DG)





-Proof Manual

CHAIN HOIST [1,2,3,5,10TON]
PLAIN & GEARED TROLLEYS[1,2,3,5,10]

EXPLOSION PROTECTION & SPARK RESISTANCE

Designed for explosive environments with spark-resistant, full bronze suspension and load hooks; stainless steel hand chain and electroless nickel plated load chain ; and bronze wheels for trolley with safety drop stop and rubber bumper

CORROSION RESISTANT

Enclosed robust electroless nickel plated housing protects internal components, even in the toughest conditions.

*ATEX marking :
EX Ⅱ 2 GD C ⅡC T4 T + 135 ℃
*Suitable for gas & dust hazardous areas :
zone 1&2, zone 21&22
*Stainless steel Load chain(SUS316L)
*Stainless steel hand chain (SUS304)
*Electroless nickel plated load chain
*Bronze wheel

Option



Hoist body weather cover



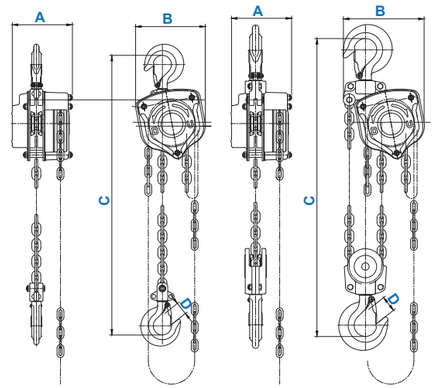
Stainless steel frame canvas chain box



Overload protection device

*This option is available for all chain blocks and spark resistant chain hoists.
* Chain box types: stainless steel frame canvas chain box and steel frame canvas chain box.

- Spark Resistant Chain Hoist



EX DSN TYPE

MODEL NO : EX DSN		1	2	3	5	10
Capacity (Nickel plated load chain)	(ton)	1	2	3	5	10
Hand chain force	(kg)	33	34	35	39	41
Hand chain operation length	(m)	2.5	3	3	3	3.5
Number of chain falls	(no.)	1	1	2	2	4
Load chain size	(mm)	6.3 x 19.1	7.9 x 23.0	7.1 x 21.0	9.0 x 27.0	9.0 x 27.0
Min headroom (C)	(mm)	330	380	480	620	820
A (Dimension)	(mm)	147	184	147	185	185
B		145	187	206	258	367
D		30	38	42	45	53
Net weight with standard lift	(kg)	12	22	23	41	95
Net weight per m additional lift	(kg)	1.36	1.86	2.7	4.02	7.54

*In case of applying stainless steel load chain, it is recommended to use 60% of rated load.
*The above specification is subject to change for stainless steel load chain application.



- Spark Resistant plain & geared traveling trolley

EX DP,DG TYPE

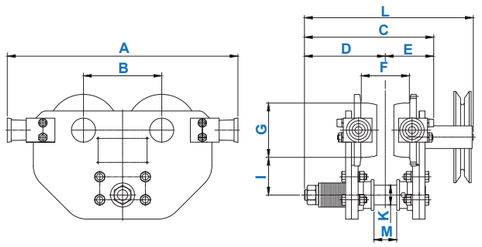
MODEL NO :	EX DP	1	2	3	5	10
	EX DG	1	2	3	5	10
Capacity	(ton)	1	2	3	5	10
Hand chain force	(kg)	10	16	20	20	19
Hand chain operation length	(m)	2.5	3	3	3	3.5
Flange width	(mm)	75 - 125	100 - 150	100 - 150	125 - 175	125 - 200
Min curve radius	(mm)	1300	1500	2000	2500	2600
A (Dimension)	(mm)	399	439	480	519	536
B		122	142	163	183	183
C		221.5	253	269.5	300.5	376
D		142.5	160	169	185.5	249
E		79	93	100.5	116	127
G		80	100	113	125	125
I		49	63	78.5	97.5	106
K		26	32	38	50	70
L		305.5	336	351.5	383	448.5
M		22	32	40	45	60
Net weight EXDP TYPE (Standard)	(kg)	15	25	38	48	69
Net weight EXDG TYPE (Standard)	(kg)	18	28	40	58	79

*Explosion protected version with spark resistant coating



Corrosion protection (Basic/Medium)

EXDP & EXDG-trolleys have outstanding corrosion protection.
All steel parts are electroless nickel plated.
This is a must in wet rooms and in very aggressive environment.
Larger flange width are optional.
Wheels fit flat and also tapered flanges!



WIRE ROPE WINCH

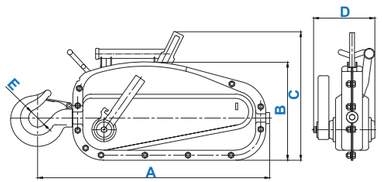


DAESAN wire rope winch is manual winch used with steel wire rope.

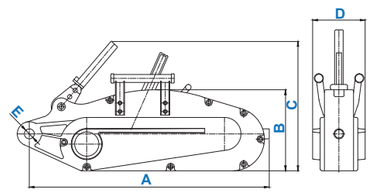
- They can be used to lift, pull and position loads over great distances depending on the wire rope length.
- They are suitable for use in numerous configurations and are the ideal solution for use in professional applications.
- They are operated by a simple lever.
- Low weight-quick installation.
- No limitation in terms of cable length.
- Manageable, light-weight, robust, powerful.
- Increase load capacity with deflection sheaves.

DW TYPE

MODEL NO :		DW15	DW35
Capacity(SWL)	(ton)	1.6	3.2
Wire rope dia.	(mm)	IWRC 11.6	IWRC 16.0
Casing of material		SPC	AL casting
Transmission speed	(m/min)	3	3
Pulling capacity	(ton)	2.5	5
Max. test to	(ton)	3	6
Breaking strength of wire	(ton)	9.68	17.2
Safety device		Safety hooks	Safety pins
External dimension(W x L x H)	(cm)	62 x 30 x 15	72 x 32 x 14
Length of handle	(mm)	1050	1210
Net weight without wire	(kg)	22	32
A (Dimension)	(mm)	556	675
B		235	228
C		350	343
D		147	148
E		43	28.5



DW15



DW35





Lift Your Confidence

DAESAN brand is renowned around the world with the expertise of material handling. Where you require lifting solutioins, our lifting equipment specialist will provide you with all necessary information or inform about where to find the nearest expert.

