

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 motor 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

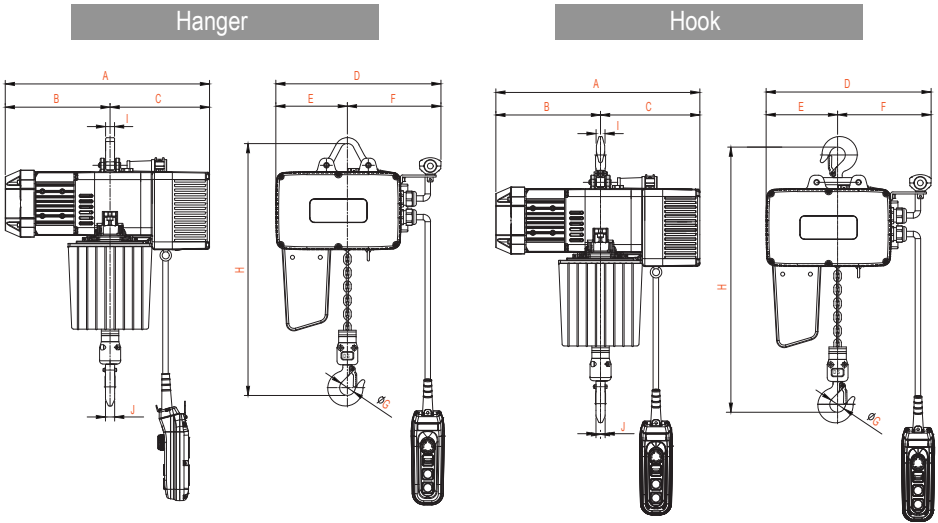
SPECIFICATIONS

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 1meter 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



Smart Chain Hoist

DLM, EDLM TYPE

SPECIFICATIONS

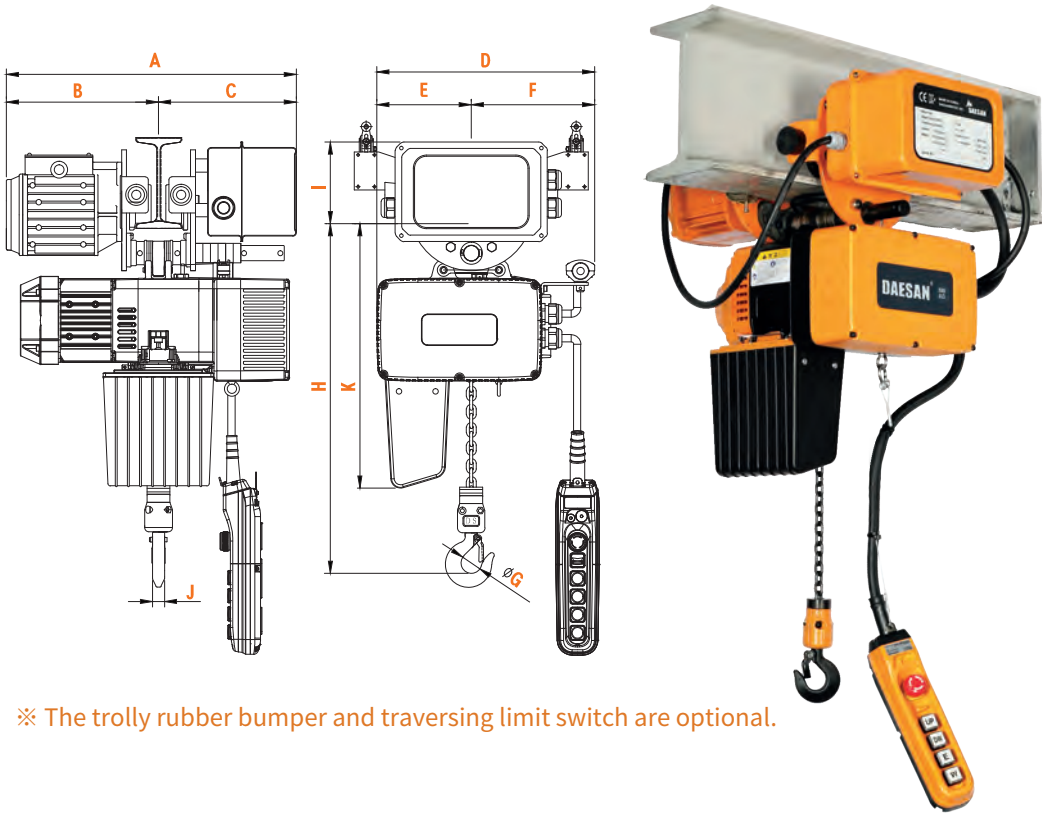
MODEL		DLM-			EDLM-			DLM-		EDLM-			
Capacity(W.L.L)		Kg	125	250	500	125	250	500	125	250	125	250	500
Power supply		Phase	3Ø						1Ø				
		V	220 / 380 / 440(Customer's Requested Voltage)						110 / 220				
Chain fall		No.	1										
Standard lift		m	4										
Pushbutton cord length		m	3.5										
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 1meter 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 trolley rubber bumper and traversing limit switch are optional.

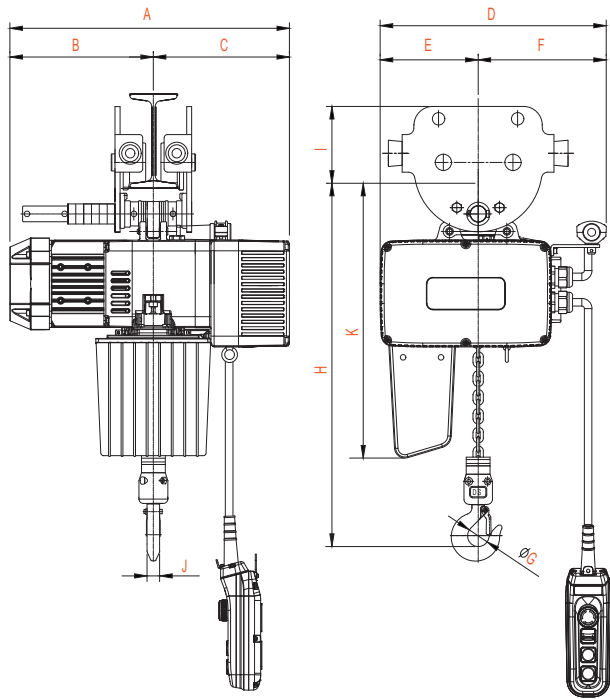


(E)DLP,(E)DLG TYPE

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.

