



KITO ELECTRIC CHAIN HOIST
ER2

Smooth & Ergonomic Operation

Reliable Safety

Enhanced Durability

Easier Maintenance

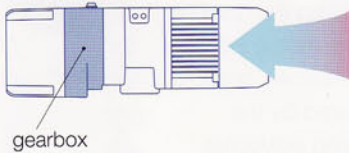
Environmentally Friendly

Enhanced Durability

High end duty rating

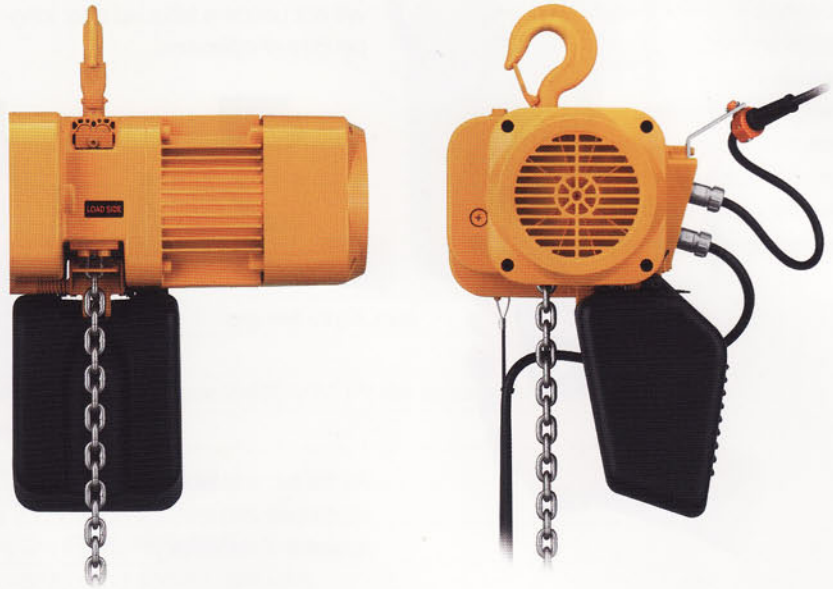
The ER2 achieves M5(ISO)/2m(FEM) class (refer to section of "Hoist Classifications"), with a duty cycle of 60% ED. Supporting use in the most demanding environments and conditions, this long service life hoist is a heavy-duty product which is also applicable to high frequency or long lift operations.

The gearbox is lubricated in an oil bath. As a result of this, wear and tear has been improved and cooling has also been enhanced at the same time.



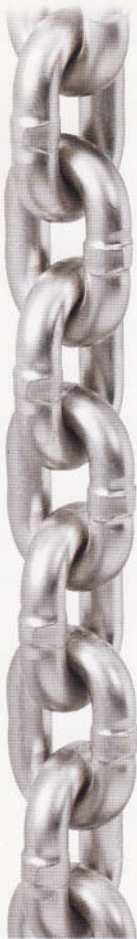
Unique motor frame fins & fan cover

A unique fan-cooled motor with motor frame fins and a fan cover have been configured into a purpose built design. This design produces a much quieter motor unit as well as enhanced fan cooling capabilities.

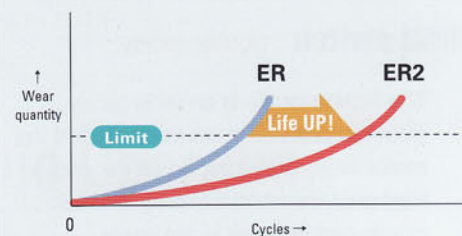


Load chain **super strength**

KITO's world class original super-strength nickel-plated load chain certified by German Institute, uses unique technology to greatly increase resistance to fatigue and wear.



Load chain wear comparison

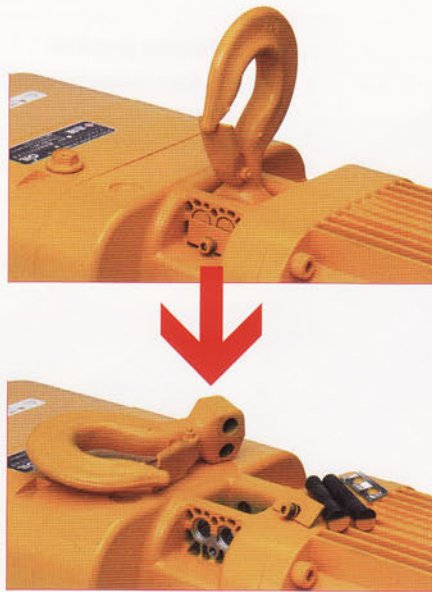


At KITO, testing is continuously being carried out regarding the load chain fatigue, wear, tensile strength, and environment. KITO takes pride in manufacturing load chains that have strength, durability and accuracy for utilization in the product. **ER2 chains are not compatible with that of the previous ER hoist series due to a difference of their chain profile.**

Easier Maintenance

Connecting shaft & cover belt

The connecting shaft that was previously attached inside the body is now mounted on the outside of the ER2. This allows a top hook or suspender to be attached or removed with ease.



The electric parts and equipment are contained inside the controller cover. Therefore, inspection and parts replacement can be accomplished easily. The controller cover is connected to the hoist body using a cover belt so that maintenance can be carried out more easily.



CH (counter hour) meter

As a standard feature, the hoist's total on-time and the number of lowering starts are shown on the LCD of the CH meter. This enables the user to carry out maintenance based upon the frequency of use. By maintaining a history of the CH meter data, the inspection periods and replacement periods for gear oil, contactors, brakes and load chains can be efficiently controlled, allowing the equipment to be used with confidence.



Dual speed



Single speed

Environmentally Friendly

No hazardous substances

As an environmental measure, several environmentally hazardous substances specified by KITO, including 6 European RoHS directive substances, are not used.

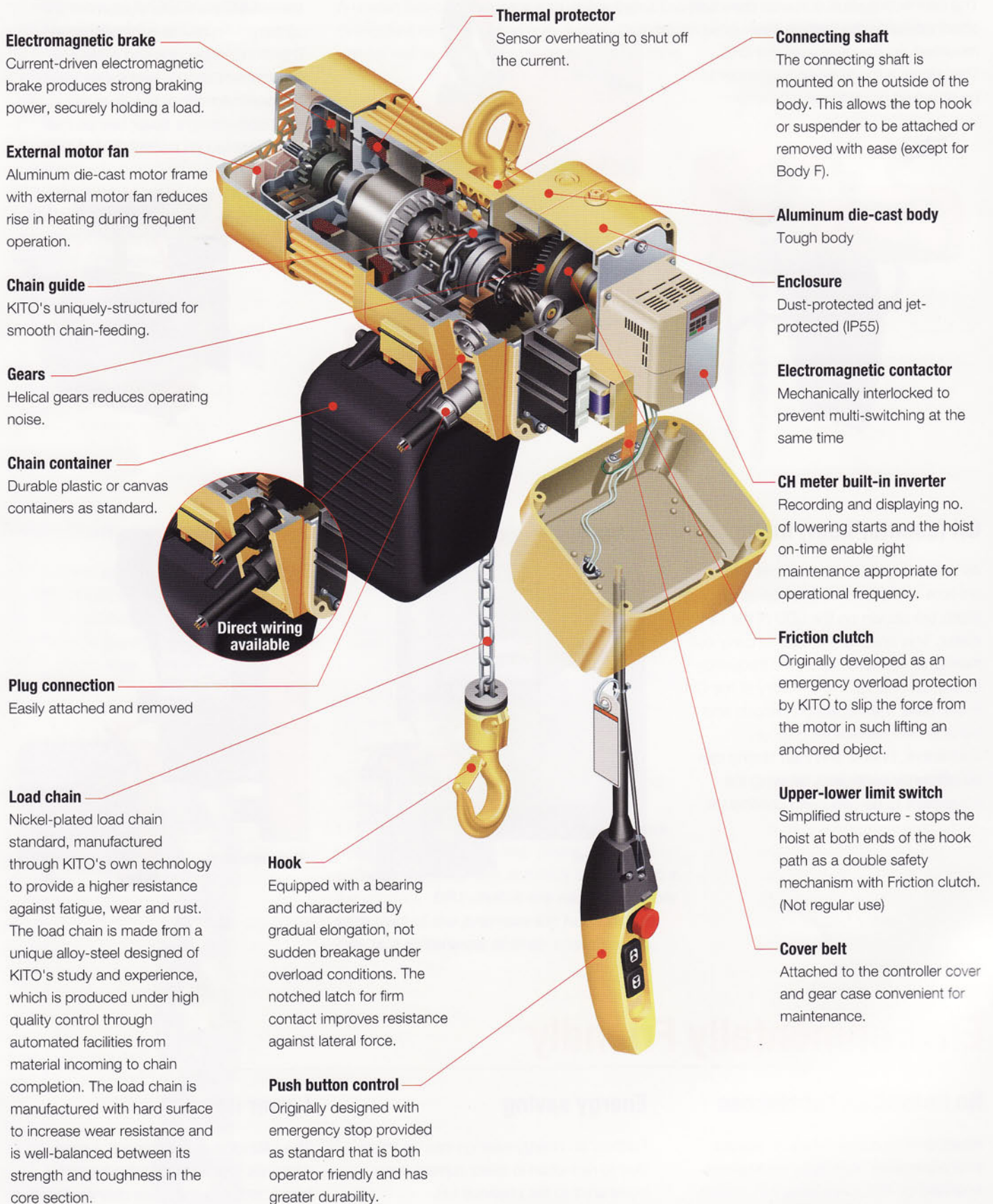
Energy saving

Further, an energy-savings can be made due to reduction in rated current draw compared to the previous ER.

Lower noise

The utilization of the inverter, 4-pole motor as well as the electromagnetic brake, reduces the noise during operation and braking.

ER2 Electric Chain Hoist



ER2 Electric Chain Hoist Lineup

Type	Lifting speed		Capacity (t)														
			125kg	250kg	500kg	1	1.5	2	2.5	3	5	Large capacity					
												7.5	10	15	20		
Hook suspension ER2	Single	Low			•	•		•									
		Standard		•	•	•	•	•	•	•	•		•	•	•		
		High	•	•													
	Dual inverter	Low			•	•		•									
		Standard		•	•	•	•	•	•	•	•						
		High	•	•													
Trolley suspension Motorized trolley ER2M Plain Trolley ER2SP (up to 5t) Geared Trolley ER2SG	Single	Low			•	•		•						•			
		Standard		•	•	•	•	•	•	•	•	•	•	•	•	•	•
		High	•	•													
	Dual inverter	Low			•	•		•									
		Standard		•	•	•	•	•	•	•	•						
		High	•	•													

KITO will not be held liable for any malfunction, lack of performance or accident if the product is being used in conjunction with any other equipment. If the product is to be used for unintended purposes, please confirm with your dealer in advance.

Trolleys

Motorized Trolley MR2

Bearing built-in side rollers provide smooth running through the minimum radius curve and excellent traversing performance with preventive derailment.

Features

- Simple gear box construction
- Improved balance due to a lighter weight geared motor
- Speed variations
 - Single Low Speed
 - Single Standard Speed
 - Dual Speed

Plain & Geared Trolley

- Designed to provide smooth and easy traversing.
- Lugs provide protection from striking damage against rail stoppers, and from falling off the rail.
- Wheel flanges also prevent derailment.

Plain Trolley TSP

Designed for light load manual applications (125kg to 5t)

Geared Trolley TSG

Designed for precise positioning and traversing by using hand chain (125kg to 20t)

Motorized Trolley MR2



125kg to 20t

Plain Trolley TSP



125kg to 3t

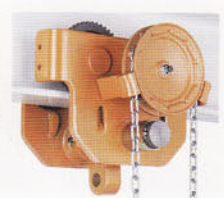


5t

Geared Trolley TSG



125kg to 3t



5t to 20t

Lifting & Traversing Speed

Lifting Speed

(m/min)

Capacity (t)	Single Speed						Dual Speed					
	50 Hz			60 Hz			50/60 Hz*			500 V		
	Low	Standard	High	Low	Standard	High	Low	Standard	High	Low	Standard	High
125kg			14.1			16.9			1.4 to 16.6			14.2/3.5
250kg		9.1	13.4		10.9	16.1		0.9 to 10.8	1.3 to 15.7		7.2/1.8	
500kg	3.8	7.3		4.6	8.8		0.4 to 4.5	0.7 to 8.5		3.6/0.9	7.1/1.8	
1	3.5	7.1		4.2	8.5		0.3 to 4.2	0.7 to 8.2		3.5/0.9	7.2/7.1	
1.5		4.5			5.4			0.4 to 5.3			4.8/1.2	
2	3.7	7.0		4.4	8.4		0.4 to 4.3	0.7 to 8.2		3.7/0.9	6.9/1.6	
2.5		5.7			6.8			0.6 to 6.6			5.5/1.3	
3		4.4			5.3			0.4 to 5.2			4.4/1.0	
5		2.9			3.5			0.3 to 3.3			2.8/0.6	
7.5		1.9			2.3							
10	1.4	2.9		1.7	3.5							
15		1.9			2.3							
20		1.4			1.7							

Note: The speed ratio of inverter hoists is preset to 6:1 in KITO factory.

Traversing Speed

(m/min)


Capacity (t)	Single Speed				Dual Speed	
	50 Hz		60 Hz		50/60 Hz*	500 V
	Low	Standard	Low	Standard	Standard	Standard
125kg to 5	10	20	12	24	2.4 to 24	20/10
7.5 to 20	10		12			

Note: The speed ratio of inverter trolleys is preset to 6:1 in KITO factory.

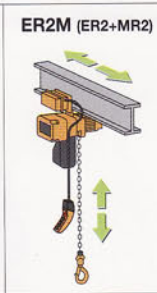
Product Code

Type

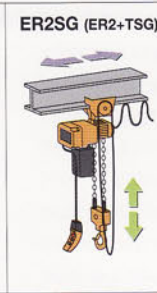
ER2M010IS-IS



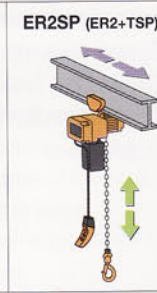
ER2



ER2M (ER2+MR2)



ER2SG (ER2+TSG)



ER2SP (ER2+TSP)

Capacity

Code	Capacity
001	125 kg
003	250 kg
005	500 kg
010	1 t
015	1.5 t
020	2 t
025	2.5 t
030	3 t
050	5 t
075	7.5 t
100	10 t
150	15 t
200	20 t

Lifting speed

Code	Lifting speed
S	single, standard
L	single, low
H	single, high
IS	inverter dual, standard
IL	inverter dual, low
IH	inverter dual, high
SD	dual, standard
LD	dual, low
HD	dual, high

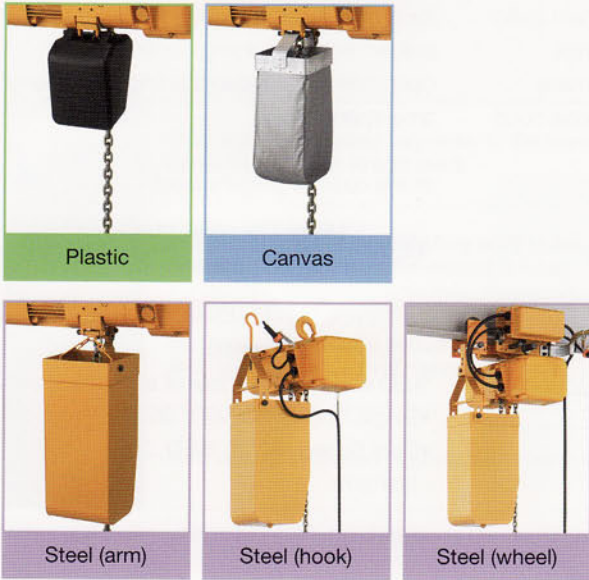
Traversing speed

Code	Traversing speed
S	single, standard
L	single, low
IS	inverter dual, standard
SD	dual, standard

Ex. for ER2M010IS-IS, the electric chain hoist bears "ER2-010IS" as a product code and the motorized trolley "MR2-010IS".

Chain Containers

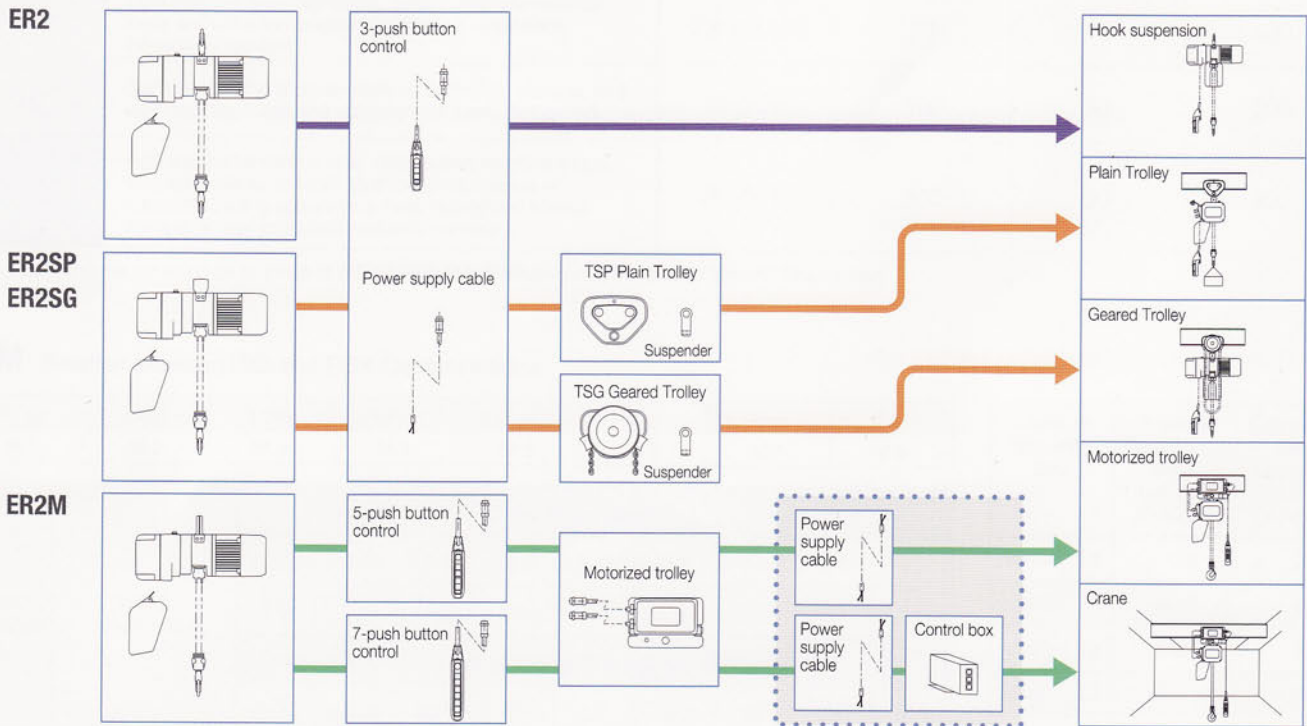
Type of containers



Product code	Body	≤4m	4.1 ≤6m	6.1 ≤8m	8.1 ≤9m	9.1 ≤12m	12.1 ≤15m	15.1 ≤18m	18.1m<
ER2-001H/IH	B								
ER2-003S/IS									
ER2-003H/IH	C								
ER2-005L/IL									
ER2-005S/IS									
ER2-010L/IL	D								
ER2-010S/IS									
ER2-015S/IS	E								
ER2-020L/IL									
ER2-020S/IS									
ER2-025S/IS	F								
ER2-030S/IS	E								
ER2-050S/IS	F								
ER2-075S									
ER2-100L									
ER2-100S									
ER2-150S									
ER2-200S									

Containers are installed differently depending on the types of the products or lift.
The steel containers may not cover the standard curve radii depending on their installation conditions.

Product Configurations

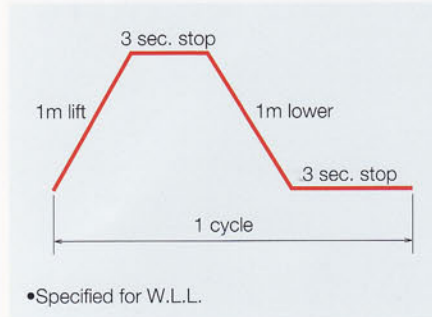


The following types of the hoist are configured differently from the above: Large capacities (7.5t or more), ER2SG/SP for crane, TWER2M and SHER2M

Lifting Motor Ratings

Short Time Rating

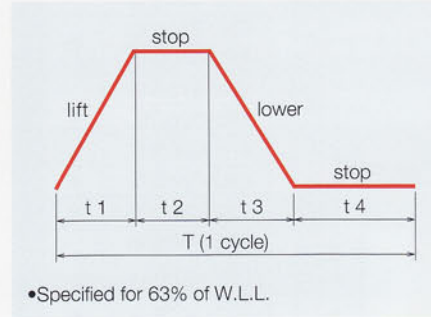
This rating indicates how long the hoist can be operated continuously on the below cycle, assuming continued operation for a short time span.



- Single Speed: 60min
- Dual Speed: 30/10min

Intermittent Rating (Percent ED) Max. Number of Starts Per Hour

This rating indicates the ED percent (ratio of motor ON-to-OFF time) and max. number of starts per hour (how many times the motor is started up in one hour)



for a hoist operated continuously on the below cycle, assuming continued operation or repeated starting over a long time span.

In the case of single speed:

$$\%ED = \frac{\text{Motor ON time (} t_1 + t_3 \text{)}}{1 \text{ cycle (} T \text{)}} \times 100$$

$$T = 1 \text{ cycle (} t_1 + t_2 + t_3 + t_4 \text{)}$$

(Within 10 minutes)

%ED and max. number of starts per hour

- Single Speed: 60%ED, 360 starts/hr
- Dual Speed: 40/20 %ED, 240/120 starts/hr

Hoist Classifications

ISO/JIS

State of loading		Total duration of use (h)						
		200	400	800	1600	3200	6300	12500
Light	Mechanisms subjected very rarely to the maximum load and, normally, to light loads	–	–	M1	M2	M3	M4	M5
Moderate	Mechanisms subjected fairly frequently to the maximum load but, normally, to rather moderate loads	–	M1	M2	M3	M4	M5	M6
Heavy	Mechanisms subjected frequently to the maximum load and, normally, to loads of heavy magnitude	M1	M2	M3	M4	M5	M6	–
Very heavy	Mechanisms subjected regularly to the maximum load	M2	M3	M4	M5	M6	–	–

This classification refers to ISO 4301-1 and applies to the mechanical components including gears and bearings except for consumable parts.

ASME HST

Hoist duty class	Typical areas of application	Operation time ratings at $K=0.65$			
		Uniformly distributed work periods		Infrequent work periods	
		Max. on time, min/ hr	Max. No. starts/ hr	Max. on time from cold start, min	Max. No. of starts
H2	Light machine shop fabricating, service, and maintenance; loads and utilization randomly distributed; rated loads infrequently handled	7.6 (12.5%)	75	15	100
H3	General machine shop fabricating, assembly, storage, and warehousing; loads and utilization randomly distributed	15 (25%)	150	30	200
H4	High volume handling in steel warehouses, machine shops, fabricating plants and mills, and foundries; manual or automatic cycling operations in heat treating and plating; loads at or near rated load frequently handled	30 (50%)	300	30	300

The grade symbols are identical to those of ASME HST-1M. (Performance standard for Electric Chain Hoist)

FEM Relation between ISO-and FEM-Denominations

1 D _m	1 C _m	1 B _m	1 A _m	2 m	3 m	4 m	5 m
M 1	M 2	M 3	M 4	M 5	M 6	M 7	M 8

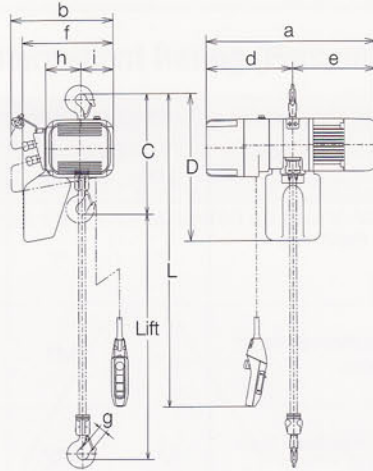
Load spectrum	Cubic mean value	Class of operation time									
		V 0.06	V 0.02	V 0.25	V 0.5	V 1	V 2	V 3	V 4	V 5	
		T 0	T 1	T 2	T 3	T 4	T 5	T 6	T 7	T 8	
		Average operating time per day in hours									
		≤0.12	≤0.25	≤0.5	≤1	≤2	≤4	≤8	≤16	>16	
1 L1	$K \leq 0.50$	–	–	1 D _m	1 C _m	1 B _m	1 A _m	2 m	3 m	4 m	
2 L2	$0.50 < K \leq 0.63$	–	1 D _m	1 C _m	1 B _m	1 A _m	2 m	3 m	4 m	5 m	
3 L3	$0.63 < K \leq 0.80$	1 D _m	1 C _m	1 B _m	1 A _m	2 m	3 m	4 m	5 m	–	
4 L4	$0.80 < K \leq 1.00$	1 C _m	1 B _m	1 A _m	2 m	3 m	4 m	5 m	–	–	

Class of operating time	Average operating time per day (in hours)	Calculated total operating time (in hours)	
V0.06	T0	≤0.12	200
V0.12	T1	≤0.25	400
V0.25	T2	≤0.5	800
V0.5	T3	≤1	1,600
V1	T4	≤2	3,200
V2	T5	≤4	6,300
V3	T6	≤8	12,500
V4	T7	≤16	25,000
V5	T8	>16	50,000

The grade symbols are identical to those of FEM 9.511. (Rules for Design of Serial Lifting Equipment: Classification of Mechanisms)

ER2 Dual Speed inverter

With Hook Suspension



- Five meters of power supply cable as standard accompanies.
- Optional length of lift, push button cord and power supply cable besides standard is available on your request.
- Extending the load chain is prohibited with additional links.
- Steel chain containers are available as option as shown in Section of "Chain Containers" if your lift is more than capacity of the standard container volume.

Specifications

Capacity (t)	Product Code	Hoist Body	Standard Lift (m)	Push Button Cord L (m)	Lifting Motor		Lifting Speed (m/min)*		Load Chain		Classification ISO/FEM/ASME	Test Load (t)	Net Weight (kg)	Additional Weight per 1m Lift (kg)
					Output (kW)	Rating (%ED)	50/60Hz High	50/60Hz Low	Diameter (mm)	Chain Falls				
125kg	ER2-001IH	B			0.56		Preset	2.8	4.3	x 1		156kg	27	0.42
250kg	ER2-003IS						Adjustable	1.4						
	250kg	ER2-003IH			0.9		Preset	1.8				313kg	36	
Adjustable							0.9							
500kg	ER2-005IL	C			0.56		Preset	0.8	6	x 1	M5/2m/H4	625kg	32	0.81
	Adjustable						0.4							
500kg	ER2-005IS				0.9		Preset	1.4					36	
							Adjustable	0.7						
1	ER2-010IL	D	3	2.5		40/20	Preset	0.7	7.7	x 1		1.25	45	1.33
	Adjustable						0.3							
1	ER2-010IS						Preset	1.4					52	
							Adjustable	0.7						
1.5	ER2-015IS				1.8		Preset	0.9				1.88	72	
							Adjustable	0.4						
2	ER2-020IL	E					Preset	0.7	10.2	x 1		2.5	73	2.3
	Adjustable						0.4							
2	ER2-020IS						Preset	1.4					89	
							Adjustable	0.7						
2.5	ER2-025IS	F					Preset	1.1	11.2	x 1	M4/1Am/H4	3.13	100	2.8
3	ER2-030IS	E			3.5		Adjustable	0.6						
							5	ER2-050IS	F	2.8			Preset	0.9
Adjustable	0.4													
5	ER2-050IS						Preset	0.3	11.2	x 2		6.25	128	5.6
							Adjustable	0.3						

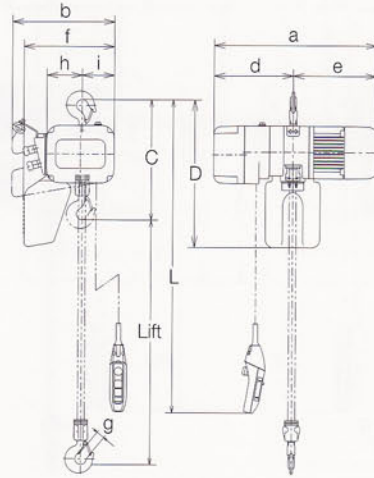
Note: The high speed is preset to the maximum speed in KITO factory. The speeds are adjustable between High and Low.

Dimensions (mm)

Capacity (t)	Product Code	Headroom C	D	a	b	d	e	f	g	h	i
125kg	ER2-001IH	350	430	535	345	276	259	284	27	99	117
250kg	ER2-003IS										
	250kg	ER2-003IH			568			268			
500kg		ER2-005IL	370	490	571	348	300	271	283	27	113
	ER2-005IS	568			268						
1	ER2-010IL	430	550	614	376	316	298	335	31	129	118
	ER2-010IS			623			307				
1.5	ER2-015IS	510		710		372	338		34		
2	ER2-020IL	575	630	767	427	411	356	384.5	39	160.5	137.5
	ER2-020IS	590									
2.5	ER2-025IS	625	840	800	445	401	399	437.5		173.5	142.5
3	ER2-030IS	785	920	767	427	411	356	397	44	216	82
5	ER2-050IS	850		800							

ER2 Dual Speed 500V pole change

With Hook Suspension



- Five meters of power supply cable as standard accompanies.
- Optional length of lift, push button cord and power supply cable besides standard is available on your request.
- Extending the load chain is prohibited with additional links.
- Steel chain containers are available as option as shown in Section of "Chain Containers" if your lift is more than capacity of the standard container volume.

Specifications

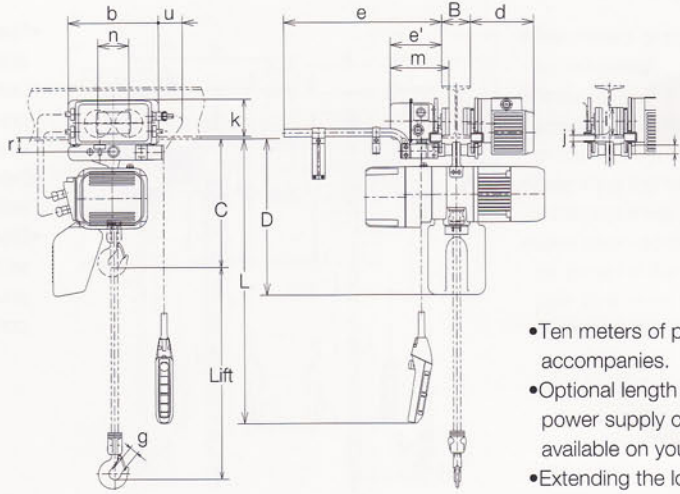
Capacity (t)	Product Code	Hoist Body	Standard Lift (m)	Push Button Cord L (m)	Lifting Motor		Lifting Speed (m/min)	Load Chain		Classification ISO/FEM/ASME	Test Load (t)	Net Weight (kg)	Additional Weight per 1m Lift (kg)
					Output (kW)	Rating (%ED)		Diameter (mm)	Chain Falls				
125kg	ER2-001HD	B	3	2.5	0.5/0.13	40/20	14.2/3.5	4.3	x 1	M5/2m/H4	156kg	31	0.42
250kg	ER2-003SD						7.2/1.8				313kg		
500kg	ER2-005LD	C	3	2.5	0.9/0.23	40/20	3.6/0.9	6	x 1	M5/2m/H4	625kg	39	0.81
	ER2-005SD						7.1/1.8					43	
1	ER2-010LD	D	3	2.5	1.8/0.45	40/20	3.5/0.9	7.7	x 1	M5/2m/H4	1.25	56	1.33
	ER2-010SD						7.2/1.7					58	
1.5	ER2-015SD	E	3	2.5	1.8/0.45	40/20	4.8/1.2	10.2	x 1	M4/1Am/H4	1.88	74	2.3
	ER2-020LD						3.7/0.9					76	
2	ER2-020SD						6.9/1.6				2.5	97	
2.5	ER2-025SD	F			3.5/0.88		5.5/1.3	11.2	x 1	M4/1Am/H4	3.13	108	2.8
3	ER2-030SD	E		2.8			4.4/1.0	10.2	x 2		3.75	113	4.7
5	ER2-050SD	F		2.8			2.8/0.6	11.2	x 2		6.25	134	5.6

Dimensions (mm)

Capacity (t)	Product Code	Headroom C	D	a	b	d	e	f	g	h	i
125kg	ER2-001HD	350	430	478	321	219	259	260	27	99	93
250kg	ER2-003SD										
500kg	ER2-005LD	370	490	513	348	242	271	283	27	113	106
	ER2-005SD			533			291				
1	ER2-010LD	430	550	589	376	291	298	335	31	129	118
	ER2-010SD			615			324				
1.5	ER2-015SD	510		646		308	338		34		
2	ER2-020LD	575	630	737	427	347	390	384.5	39	160.5	137.5
	ER2-020SD	590									
2.5	ER2-025SD	625	840	736	445	337	399	437.5		173.5	142.5
3	ER2-030SD	785	920	737	427	347	390	397	44	216	82
5	ER2-050SD	850		736	445	337	399	439	47	231.5	84.5

ER2M Dual Lifting inverter - Single Traversing Speed

With Motorized Trolley



- Ten meters of power supply cable as standard accompanies.
- Optional length of lift, push button cord and power supply cable besides standard is available on your request.
- Extending the load chain is prohibited with additional links.
- Steel chain containers are available as option as shown in Section of "Chain Containers" if your lift is more than capacity of the standard container volume.

Specifications

Capacity (t)	Product Code	Hoist Body	Standard Lift (m)	Push Button Cord L (m)	ER2					MR2					Test Load (t)	Net Weight (kg)	Additional Weight per 1m Lift (kg)						
					Lifting Motor		Lifting Speed (m/min)*		Load Chain		Traversing Motor		Traversing Speed (m/min)					Flange Width B (mm)		Min. Radius Curve (mm)			
					Output (kW)	Rating (%ED)	50/60Hz High	50/60Hz Low	Diameter (mm)	Chain Falls	Classification ISO/FEM /ASME	Output (kW)	Rating (%ED)	50Hz				60Hz	Standard		Option W30 (305mm)		
125kg	ER2M001IH-S/L	B			0.56	Preset	16.6	2.8	4.3 x 1									156kg	58	0.42			
250kg	ER2M003IS-S/L					Adjustable	10.8	1.4													6 x 1	M5/2m /H4	
	ER2M003IH-S/L	Adjustable	0.9	0.9	7.7 x 1									1.25	75	1.33							
500kg	ER2M005IL-S/L	C	3	2.5													0.56	Preset	4.5	0.8	7.7 x 1		
	ER2M005IS-S/L	D			Adjustable	0.9	0.4	10.2 x 1															
1	ER2M010IL-S/L	D	3	2.5	40/20	Preset	8.2										1.4				10.2 x 1		
	ER2M010IS-S/L					Adjustable	1.8	0.7	11.2 x 1														
1.5	ER2M015IS-S/L	E				Preset	5.3	0.9													11.2 x 1		
	2					ER2M020IL-S/L	Adjustable	4.3	0.4	10.2 x 2													
ER2M020IS-S/L		F				Preset	8.2	0.7	11.2 x 2														
2.5	ER2M025IS-S/L	F								Adjustable	6.6	1.1	11.2 x 2										
	3		ER2M030IS-S/L	E	2.8						Preset	5.2									0.9	11.2 x 2	
5		ER2M050IS-S/L	F					Adjustable			3.3	0.6	11.2 x 2										
											0.75	0.3											

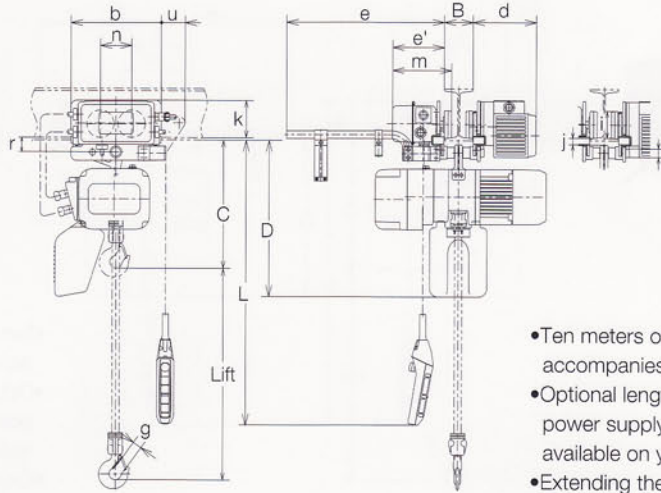
Note: The bracketed figures in Traversing Speed are low speed. The minimum radius curve may depend on flange width. For further information, contact the nearest KITO dealer. The high speed is preset to the maximum speed in KITO factory. The speeds are adjustable between High and Low.

Dimensions (mm)

Capacity (t)	Product Code	Headroom C	D	b	d	e	e'	g	i	j	k	m	n	r	t	u
125kg	ER2M001IH-S/L	375	450													
250kg	ER2M003IS-S/L															
	ER2M003IH-S/L	435	550													
500kg	ER2M005IL-S/L															
	ER2M005IS-S/L	570	630	325	225	520	184		110	27	125	212	118	60	36	76
1	ER2M010IL-S/L															
	ER2M010IS-S/L	620	830													
1.5	ER2M015IS-S/L															
	2	ER2M020IL-S/L	840	910	400	281	528	192		140	44	145	233	150	86	54
ER2M020IS-S/L		5														

ER2M Dual Lifting pole change - Single Traversing Speed 500V

With Motorized Trolley



- Ten meters of power supply cable as standard accompanies.
- Optional length of lift, push button cord and power supply cable besides standard is available on your request.
- Extending the load chain is prohibited with additional links.
- Steel chain containers are available as option as shown in Section of "Chain Containers" if your lift is more than capacity of the standard container volume.

Specifications

Capacity (t)	Product Code	ER2								MR2				Test Load (t)	Net Weight (kg)	Additional Weight per 1m Lift (kg)			
		Hoist Body	Standard Lift (m)	Push Button Cord L (m)	Lifting Motor		Lifting Speed (m/min)	Load Chain	Classification ISO/FEM /ASME	Traversing Motor		Flange Width B (mm)					Min. Radius Curve (mm)		
					Output (kW)	Rating (%ED)				Output (kW)	Rating (%ED)	Standard	Option W30 (305mm)						
125kg	ER2M001HD-S/L	B			0.5/0.13	14.2/3.5	4.3 x 1										156kg	62	0.42
250kg	ER2M003SD-S/L				7.2/1.8	313kg													
500kg	ER2M005LD-S/L	C			0.9/0.23	3.6/0.9	6 x 1	M5/2m /H4				58 to 153	154 to 305				625kg	70	0.81
	ER2M005SD-S/L				7.1/1.8	74													
1	ER2M010LD-S/L	D	3	2.5	40/20	3.5/0.9	7.7 x 1		0.4	40	20 (10)			800	1.25		86	88	1.33
	ER2M010SD-S/L					7.2/1.7													
1.5	ER2M015SD-S/L	E				4.8/1.2	10.2 x 1					82 to 178					1.88	112	
2	ER2M020LD-S/L					3.7/0.9											2.5	114	
	ER2M020SD-S/L	6.9/1.6		135															
2.5	ER2M025SD-S/L	F				5.5/1.3	11.2 x 1	M4/1Am /H4				179 to 305		1000			3.13	156	2.8
3	ER2M030SD-S/L	E				3.5/0.88	4.4/1.0										10.2 x 2	100 to 178	3.75
5	ER2M050SD-S/L	F		2.8		2.8/0.6	11.2 x 2		0.75					1800	6.25	204	5.6		

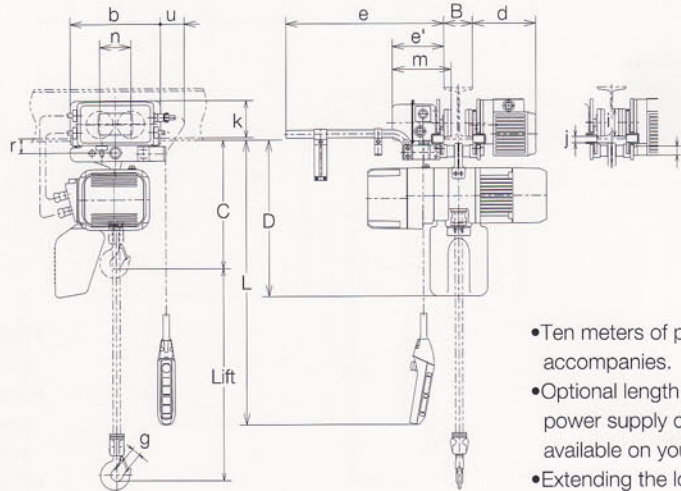
Note: The bracketed figures in Traversing Speed are low speed. The minimum radius curve may depend on flange width. For further information, contact the nearest KITO dealer.

Dimensions (mm)

Capacity (t)	Product Code	Headroom C	D	b	d	e	e'	g	i	j	k	m	n	r	t	u
125kg	ER2M001HD-S/L	375	450													
250kg	ER2M003SD-S/L															
500kg	ER2M005LD-S/L	395	510	315	268	515	179	27	95	22	130	205	109	51	31	83
	ER2M005SD-S/L															
1	ER2M010LD-S/L	435	550					31								
	ER2M010SD-S/L															
1.5	ER2M015SD-S/L	505						34								
2	ER2M020LD-S/L	570	630	325	273	520	184		110	27	125	212	118	60	36	77
	ER2M020SD-S/L	585						39								
2.5	ER2M025SD-S/L	620	830	340	274	521	186		125	29	131	215	132	68	43	70
3	ER2M030SD-S/L	765	900													
5	ER2M050SD-S/L	840	910	400	281	528	192	47	140	44	145	233	150	86	54	56

ER2M Dual Lifting inverter - Dual Traversing Speed inverter

With Motorized Trolley



- Ten meters of power supply cable as standard accompanies.
- Optional length of lift, push button cord and power supply cable besides standard is available on your request.
- Extending the load chain is prohibited with additional links.
- Steel chain containers are available as option as shown in Section of "Chain Containers" if your lift is more than capacity of the standard container volume.

Specifications

Capacity (t)	Product Code	Hoist Body	Standard Lift (m)	Push Button Cord L (m)	ER2				MR2				Test Load (t)	Net Weight (kg)	Additional Weight per 1m Lift (kg)				
					Lifting Motor		Load Chain	Classification ISO/FEM /ASME	Traversing Motor		Traversing Speed* (m/min)					Flange Width B (mm)	Min. Radius Curve (mm)		
					Output (kW)	Rating (%ED)			50/60Hz	High	Low	Output (kW)						Rating (%ED)	50/60Hz
125kg	ER2M001IH-IS	B			0.56	Preset	16.6	2.8	4.3 x 1	M5/2m /H4							156kg	59	0.42
250kg	ER2M003IS-IS					Adjustable	10.8	1.4											
	ER2M003IH-IS	Adjustable	15.7	0.9	Preset	8.2	0.7	Adjustable	24	2.4	82 to 178	179 to 305	1000	3.75	155	4.7			
500kg	ER2M005IL-IS	C			0.56	Preset	4.5	0.8	6 x 1										
	ER2M005IS-IS					Adjustable	8.5	0.4			Preset	4.2	0.7	Adjustable	24	2.4			
1	ER2M010IL-IS	D	3	2.5	0.9	Preset	8.2	1.4	7.7 x 1		0.4	27/13					1.88	111	
	ER2M010IS-IS					Adjustable	5.3	0.4											
1.5	ER2M015IS-IS	E			1.8	Preset	8.2	0.7	10.2 x 1								2.5	112	2.3
	ER2M020IL-IS					Adjustable	4.3	0.4											
2	ER2M020IS-IS	F			3.5	Preset	6.6	1.1	11.2 x 1	M4/1Am /H4							3.13	151	2.8
	ER2M025IS-IS					Adjustable	6.6	0.6											
3	ER2M030IS-IS	E			3.5	Preset	5.2	0.9	10.2 x 2								3.75	155	4.7
	ER2M050IS-IS					Adjustable	3.3	0.3											
5	ER2M050IS-IS	F			2.8	Preset	3.3	0.3	11.2 x 2		0.75						6.25	200	5.6
	ER2M050IS-IS					Adjustable	3.3	0.3											

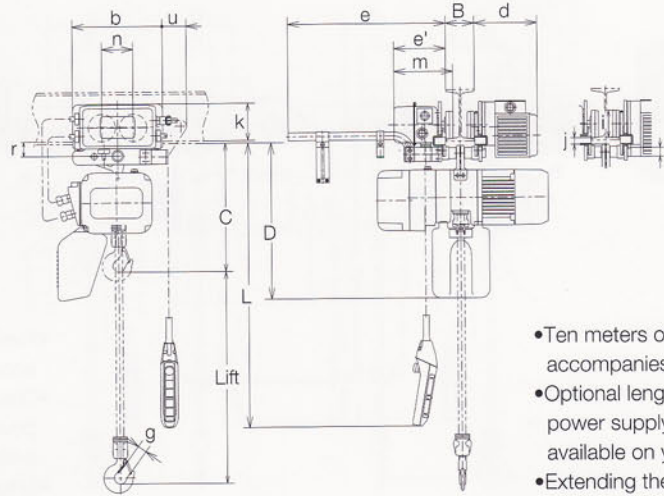
Note: The minimum radius curve may depend on flange width. For further information, contact the nearest KITO dealer.
The high speed is preset to the maximum speed in KITO factory. The speeds are adjustable between High and Low.

Dimensions (mm)

Capacity (t)	Product Code	Headroom C	D	b	d	e	e'	g	i	j	k	m	n	r	t	u
125kg	ER2M001IH-IS	375	450													
250kg	ER2M003IS-IS															
250kg	ER2M003IH-IS	395	510	315	220	515	179		95	22	130	205	109	51	31	83
500kg	ER2M005IS-IS															
1	ER2M010IL-IS	435	550													
	ER2M010IS-IS															
1.5	ER2M015IS-IS	505														
2	ER2M020IL-IS	570	630	325	225	520	184		110	27	125	212	118	60	36	76
	ER2M020IS-IS	585														
2.5	ER2M025IS-IS	620	830	340	226	521	186		125	29	131	215	132	68	43	70
3	ER2M030IS-IS	765	900													
5	ER2M050IS-IS	840	910	400	281	528	192	47	140	44	145	233	150	86	54	56

ER2M Dual Lifting pole change - Dual Traversing Speed 500V pole change

With Motorized Trolley



- Ten meters of power supply cable as standard accompanies.
- Optional length of lift, push button cord and power supply cable besides standard is available on your request.
- Extending the load chain is prohibited with additional links.
- Steel chain containers are available as option as shown in Section of "Chain Containers" if your lift is more than capacity of the standard container volume.

Specifications

Capacity (t)	Product Code	ER2							MR2				Test Load (t)	Net Weight (kg)	Additional Weight per 1m Lift (kg)					
		Hoist Body	Standard Lift (m)	Push Button Cord L (m)	Lifting Motor		Load Chain	Classification ISO/FEM /ASME	Traversing Motor		Traversing Speed (m/min) 50Hz	Flange Width B (mm)				Min. Radius Curve (mm)				
					Output (kW)	Rating (%ED)			Output (kW)	Rating (%ED)		Standard					Option W30 (305mm)			
125kg	ER2M001HD-SD	B			0.5/0.13	14.2/3.5	4.3 x 1										156kg	66	0.42	
250kg	ER2M003SD-SD																313kg			
500kg	ER2M005LD-SD	C			0.9/0.23	3.6/0.9	6 x 1	M5/2m /H4				58 to 153	154 to 305				625kg	74	0.81	
	ER2M005SD-SD																77			
1	ER2M010LD-SD	D	3	2.5	40/20	3.5/0.9	7.7 x 1			0.32/0.08	27/13	20/5					800	89	1.33	
	ER2M010SD-SD																7.2/1.7	92		
1.5	ER2M015SD-SD	E			1.8/0.45	4.8/1.2	10.2 x 1										1.88	116		
2	ER2M020LD-SD																3.7/0.9	117		
	ER2M020SD-SD	6.9/1.6	138																	
2.5	ER2M025SD-SD	F			3.5/0.88	5.5/1.3	11.2 x 1	M4/1Am /H4									1000	3.13	159	2.8
3	ER2M030SD-SD	E			2.8	4.4/1.0	10.2 x 2			0.64/0.16							3.75	164	4.7	
5	ER2M050SD-SD	F				2.8/0.6	11.2 x 2						100 to 178				1800	6.25	208	5.6

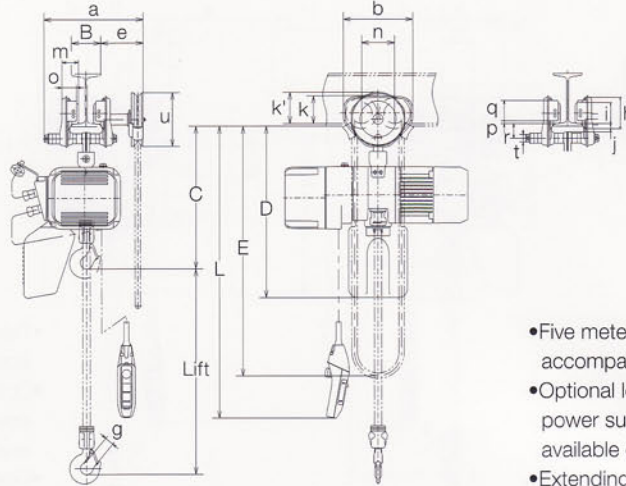
Note: The minimum radius curve may depend on flange width. For further information, contact the nearest KITO dealer.

Dimensions (mm)

Capacity (t)	Product Code	Headroom C	D	b	d	e	e'	g	i	j	k	m	n	r	t	u
125kg	ER2M001HD-SD	375	450													
250kg	ER2M003SD-SD							27								
500kg	ER2M005LD-SD	395	510	315	268	515	179		95	22	130	205	109	51	31	83
	ER2M005SD-SD															
1	ER2M010LD-SD	435	550					31								
	ER2M010SD-SD															
1.5	ER2M015SD-SD	505						34								
2	ER2M020LD-SD	570	630	325	273	520	184		110	27	125	212	118	60	36	77
	ER2M020SD-SD	585						39								
2.5	ER2M025SD-SD	620	830	340	274	521	186		125	29	131	215	132	68	43	70
3	ER2M030SD-SD	765	900													
5	ER2M050SD-SD	840	910	400	281	528	192	47	140	44	145	233	150	86	54	56

ER2SG Dual Speed inverter

With Geared Trolley



- Five meters of power supply cable as standard accompanies.
- Optional length of lift, push button cord and power supply cable besides standard is available on your request.
- Extending the load chain is prohibited with additional links.
- Steel chain containers are available as option as shown in Section of "Chain Containers" if your lift is more than capacity of the standard container volume.

Specifications

Capacity (t)	Product Code	Hoist Body	Standard Lift (m)	Push Button Cord L (m)	ER2				TSG				Test Load (t)	Net Weight (kg)	Additional Weight per 1m Lift (kg)									
					Lifting Motor		Lifting Speed (m/min)*	Load Chain	Classification ISO/FEM /ASME	Folded Hand Chain Length E (m)	Flange Width B (mm)					Min. Radius Curve (mm)								
					Output (kW)	Rating (%ED)					50/60Hz	Diameter (mm) x Chain Falls					Standard	Option						
125kg	ER2SG001IH	B			0.56	Preset	16.6	2.8	4.3 x 1												156kg	40	1.4	
250kg	ER2SG003IS					Adjustable	10.8	1.8																6 x 1
	ER2SG003IH	Adjustable	15.7	2.6	7.7 x 1	2.7																		
500kg	ER2SG005IL	C												0.56	Preset	4.5	0.8	6 x 1						
	ER2SG005IS				Adjustable	8.5	1.4	7.7 x 1	2.7															
1	ER2SG010IL	D	3	2.5	0.9	Preset	4.2							0.7				7.7 x 1						
	ER2SG010IS					Adjustable	8.2	1.4	10.2 x 1															
1.5	ER2SG015IS	E			1.8	Preset	5.3	0.9										10.2 x 1						
	ER2SG020IS					Adjustable	8.2	1.4	10.2 x 1															
2	ER2SG020IL	E			1.8	Preset	4.3	0.7										10.2 x 1						
	ER2SG020IS					Adjustable	8.2	1.4	10.2 x 1															
2.5	ER2SG025IS	F			3.5	Preset	6.6	1.1										11.2 x 1						
	ER2SG030IS					Adjustable	5.2	0.9	11.2 x 2															
3	ER2SG030IS	E			2.8	Preset	5.2	0.4										11.2 x 2						
	ER2SG050IS					Adjustable	3.3	0.3	11.2 x 2															
5	ER2SG050IS	F				Preset	3.3	0.6										11.2 x 2						
						Adjustable	3.3	0.3	11.2 x 2															

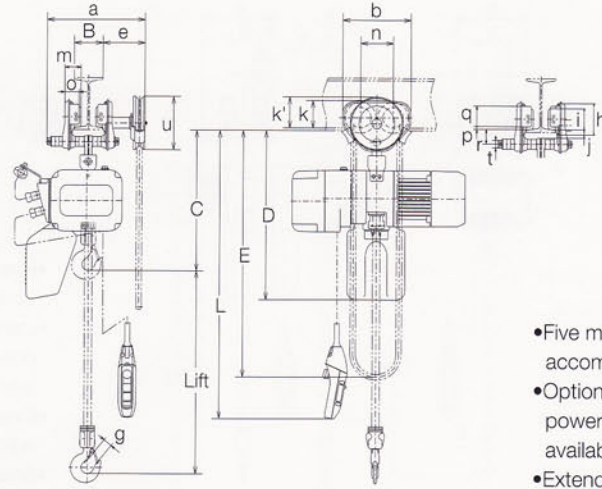
Note: The high speed is preset to the maximum speed in KITO factory. The speeds are adjustable between High and Low.

Dimensions (mm)

Capacity (t)	Product Code	Headroom C	D	a	b	e	g	h	i	j	k	k'	m	n	o	p	q	r	t	u		
125kg	ER2SG001IH	415	490																			
250kg	ER2SG003IS																					
500kg	ER2SG005IL	435	550	345	236	152		106	71	28	95	107	56	112	50			69	50	25		
	ER2SG005IS																					
1	ER2SG010IL	470	590																			
	ER2SG010IS																					
1.5	ER2SG015IS	570																				
2	ER2SG020IL	635	690	385	280	154		127	85	34	112	109	71	131	63			83	62	32		
	ER2SG020IS	650																				
2.5	ER2SG025IS	680	890	398	324	157		148	100	36	134	115	80	152	74			102	68	36		
3	ER2SG030IS	780																				
5	ER2SG050IS	840	910	401	400	156		169	118	46	144	131	81	178	70			104	88	54		

ER2SG Dual Speed 500V pole change

With Geared Trolley



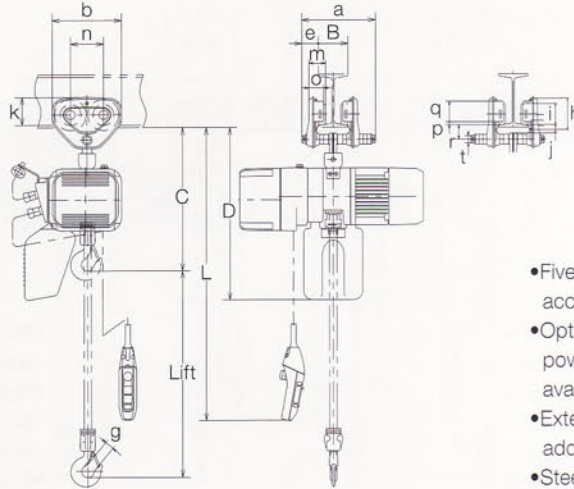
- Five meters of power supply cable as standard accompanies.
- Optional length of lift, push button cord and power supply cable besides standard is available on your request.
- Extending the load chain is prohibited with additional links.
- Steel chain containers are available as option as shown in Section of "Chain Containers" if your lift is more than capacity of the standard container volume.

Specifications

ER2				TSG				Additional
	Push	Lifting Motor	Lifting	Load Chain				

ER2SP Dual Speed inverter

With Plain Trolley



- Five meters of power supply cable as standard accompanies.
- Optional length of lift, push button cord and power supply cable besides standard is available on your request.
- Extending the load chain is prohibited with additional links.
- Steel chain containers are available as option as shown in Section of "Chain Containers" if your lift is more than capacity of the standard container volume.
- The hoist direction to a beam for 3 t or 5 t is different 90 degrees.

Specifications

Capacity (t)	Product Code	Hoist Body	Standard Lift (m)	Push Button Cord L (m)	ER2						TSP				Test Load (t)	Net Weight (kg)	Additional Weight per 1m Lift (kg)	
					Lifting Motor		Lifting Speed (m/min)*		Load Chain		Classification ISO/FEM /ASME	Flange Width B (mm)						Min. Radius Curve (mm)
					Output (kW)	Rating (%ED)	50/60Hz		Diameter (mm)	Chain Falls		Standard	Option					
							High	Low					W20 (203mm)	W30 (305mm)				
125kg	ER2SP001IH	B			0.56	40/20	Preset	16.6	2.8	4.3 x 1	M5/2m /H4	50 to 102	103 to 203	1100	156kg	32	0.42	
	Adjustable						1.4	1.4										
250kg	ER2SP003IS				0.9	40/20	Preset	10.8	1.8	6 x 1	M5/2m /H4	50 to 102	103 to 203	1100	313kg	41		
	Adjustable						0.9	0.9										
500kg	ER2SP003IH	C			0.56	40/20	Preset	15.7	2.6	6 x 1	M5/2m /H4	50 to 102	103 to 203	1100	625kg	37	0.81	
	Adjustable						1.3	1.3										
500kg	ER2SP005IL				0.9	40/20	Preset	4.5	0.8	7.7 x 1	M4/1Am /H4	58 to 127	128 to 203	1300	1.25	53	1.33	
	Adjustable						0.4	0.4										
500kg	ER2SP005IS	D	3	2.5	0.9	40/20	Preset	8.5	1.4	7.7 x 1	M4/1Am /H4	58 to 127	128 to 203	1300	1.25	60		
	Adjustable						0.7	0.7										
1	ER2SP010IL	E			1.8	40/20	Preset	4.2	0.7	10.2 x 1	M4/1Am /H4	82 to 153	154 to 306	1500	2.5	86	2.3	
	Adjustable						0.3	0.3										
1	ER2SP010IS				1.8	40/20	Preset	8.2	1.4	10.2 x 1	M4/1Am /H4	82 to 153	154 to 306	1500	2.5	103		
	Adjustable						0.7	0.7										
1.5	ER2SP015IS	F			3.5	40/20	Preset	5.3	0.9	11.2 x 1	M4/1Am /H4	100 to 178	179 to 306	2300	6.25	178	5.6	
	Adjustable						0.4	0.4										
2	ER2SP020IL	E			3.5	40/20	Preset	4.3	0.7	11.2 x 1	M4/1Am /H4	100 to 178	179 to 306	2300	6.25	178	5.6	
	Adjustable						0.4	0.4										
2	ER2SP020IS				3.5	40/20	Preset	8.2	1.4	10.2 x 2	M4/1Am /H4	100 to 178	179 to 306	2300	6.25	178	5.6	
	Adjustable						0.7	0.7										
2.5	ER2SP025IS	F			3.5	40/20	Preset	6.6	1.1	10.2 x 2	M4/1Am /H4	100 to 178	179 to 306	2300	6.25	178	5.6	
	Adjustable						0.6	0.6										
3	ER2SP030IS	E			2.8	40/20	Preset	5.2	0.9	11.2 x 2	M4/1Am /H4	100 to 178	179 to 306	2300	6.25	178	5.6	
	Adjustable						0.4	0.4										
5	ER2SP050IS	F			2.8	40/20	Preset	3.3	0.6	11.2 x 2	M4/1Am /H4	100 to 178	179 to 306	2300	6.25	178	5.6	
	Adjustable						0.3	0.3										

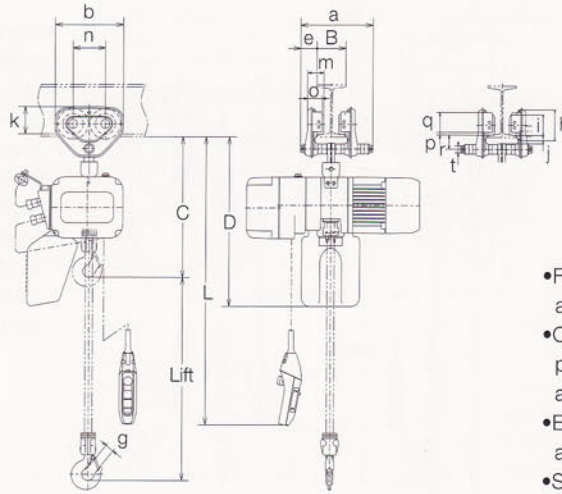
Note: The high speed is preset to the maximum speed in KITO factory. The speeds are adjustable between High and Low.

Dimensions (mm)

Capacity (t)	Product Code	Headroom C	D	a	b	e	g	h	i	j	k	m	n	o	p	q	r	t
125kg	ER2SP001IH	395	470															
250kg	ER2SP003IS																	
250kg	ER2SP003IH			204	182	46	27	82	60	21	76	47.5	84	42		54	38	22
500kg	ER2SP005IL	415	530															
	ER2SP005IS																	
1	ER2SP010IL	470	590	249	236	56	31	106	71	28	95	56	112	50	10	69	50	25
	ER2SP010IS																	
1.5	ER2SP015IS	570					34											
	ER2SP020IL			635	690	300	280	69		127	85	34	112	71	131	63		83
2	ER2SP020IS	650					39											
2.5	ER2SP025IS	680	890															
	ER2SP030IS			780	910	320	324	79		148	100	36	134	80	152	74		102
5	ER2SP050IS	840		297	400	53	47	169	118	46	144	81	178	70		104	88	54

ER2SP Dual Speed 500V pole change

With Plain Trolley



- Five meters of power supply cable as standard accompanies.
- Optional length of lift, push button cord and power supply cable besides standard is available on your request.
- Extending the load chain is prohibited with additional links.
- Steel chain containers are available as option as shown in Section of "Chain Containers" if your lift is more than capacity of the standard container volume.
- The hoist direction to a beam for 3 t or 5 t is different 90 degrees.

Specifications

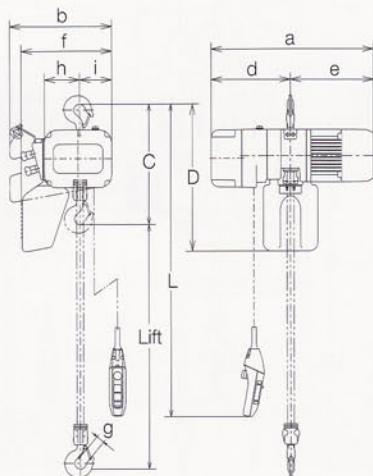
Capacity (t)	Product Code	Hoist Body	ER2							TSP			Test Load (t)	Net Weight (kg)	Additional Weight per 1m Lift (kg)							
			Standard Lift (m)	Push Button Cord L (m)	Lifting Motor		Load Chain	Classification ISO/FEM /ASME	Flange Width B (mm)			Min. Radius Curve (mm)										
					Output (kW)	Rating (%ED)			50Hz	Diameter (mm)	Chain Falls					Standard	Option W20 (203mm)	W30 (305mm)				
125kg	ER2SP001HD	B			0.5/0.13	7.2/1.8	4.3 x 1												156kg	36	0.42	
250kg	ER2SP003SD																		313kg			
500kg	ER2SP005LD	C			0.9/0.23	3.6/0.9	6 x 1	M5/2m /H4											625kg	44	0.81	
	ER2SP005SD																		48			
1	ER2SP010LD	D	3	2.5	40/20	3.5/0.9	7.7 x 1												64	1.33		
	ER2SP010SD																		66			
1.5	ER2SP015SD				1.8/0.45	4.8/1.2													1.88	87		
2	ER2SP020LD	E				3.7/0.9	10.2 x 1												89	2.3		
	ER2SP020SD																		111			
2.5	ER2SP025SD	F			3.5/0.88	5.5/1.3	11.2 x 1	M4/1Am /H4											1700	3.13	132	2.8
3	ER2SP030SD	E				4.4/1.0	10.2 x 2													3.75	136	4.7
5	ER2SP050SD	F			2.8	2.8/0.6	11.2 x 2					100 to 178		179 to 305	2300	6.25	184	5.6				

Dimensions (mm)

Capacity (t)	Product Code	Headroom C	D	a	b	e	g	h	i	j	k	m	n	o	p	q	r	t
125kg	ER2SP001HD	395	470															
250kg	ER2SP003SD			204	182	46	27	82	60	21	76	47.5	84	42			54	38
500kg	ER2SP005LD	415	530															
	ER2SP005SD																	
1	ER2SP010LD	470	590	249	236	56	31	106	71	28	95	56	112	50	10	69	50	25
	ER2SP010SD																	
1.5	ER2SP015SD	570					34											
	ER2SP020LD	635	690	300	280	69		127	85	34	122	71	131	63		83	62	32
ER2SP020SD	650					39												
2.5	ER2SP025SD	680	890															
3	ER2SP025SD	780	910	320	324	79		148	100	36	134	80	152	74		102	68	36
	ER2SP030SD						44											
5	ER2SP050SD	840		297	400	53	47	169	118	46	144	81	178	70		104	88	54

ER2 Single Speed

With Hook Suspension



- Five meters of power supply cable as standard accompanies.
- Optional length of lift, push button cord and power supply cable besides standard is available on your request.
- Extending the load chain is prohibited with additional links.
- Steel chain containers are available as option as shown in Section of "Chain Containers" if your lift is more than capacity of the standard container volume.

Specifications

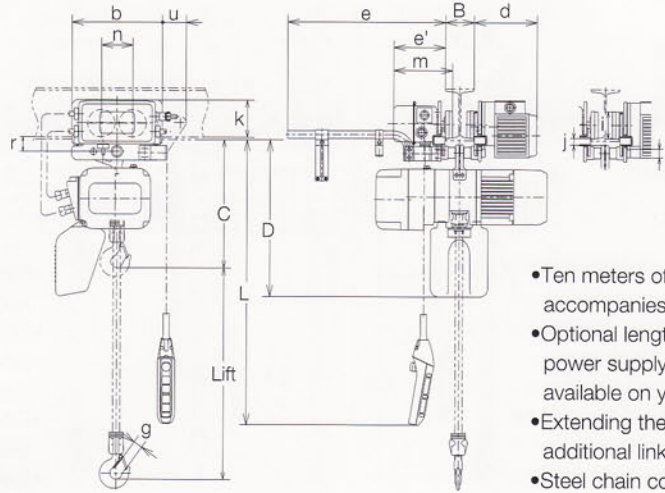
Capacity (t)	Product Code	Hoist Body	Standard Lift (m)	Push Button Cord L (m)	Lifting Motor		Lifting Speed (m/min)		Load Chain		Classification ISO/FEM/ASME	Test Load (t)	Net Weight (kg)	Additional Weight per 1m Lift (kg)	
					Output (kW)	Rating (%ED)	50Hz	60Hz	Diameter (mm)	x Chain Falls					
125kg	ER2-001H	B			0.56		14.1	16.9	4.3	x 1		156kg	27	0.42	
250kg	ER2-003S				0.9		9.1	10.9				6			x 1
	ER2-003H	0.9	13.4	16.1	7.7	x 1		37							
500kg	ER2-005L	C							0.56		3.8	4.6	6	x 1	M5/2m/H4
	ER2-005S				0.9	7.3	8.8	7.7	x 1			37			
1	ER2-010L	D	3	2.5		60	3.5			4.2		7.7	x 1		1.25
	ER2-010S						7.1	8.5	7.7	x 1					
1.5	ER2-015S	E					1.8	4.5				4.5	5.4		1.88
2	ER2-020L						3.7	4.4	10.2	x 1					
	ER2-020S	7.0	8.4	10.2	x 1	M4/1Am/H4	2.5	91							
2.5	ER2-025S	F									3.5	5.7	6.8	11.2	x 1
3	ER2-030S	E						4.4	5.3	10.2	x 2		3.75	107	4.7
5	ER2-050S	F		2.8				2.9	3.5	11.2	x 2		6.25	132	5.6

Dimensions (mm)

Capacity (t)	Product Code	Headroom C	D	a	b	d	e	f	g	h	i
125kg	ER2-001H	350	430	478	321	219	259	260	27	99	93
250kg	ER2-003S			510			268				
	ER2-003H	513	271	283	27	113	106				
500kg	ER2-005L	370	490					510	268		
ER2-005S	513	348	242	271	283	27	113	106			
1	ER2-010L	430	550	589	376	291	298	335	31	129	118
	ER2-010S			598			307				
1.5	ER2-015S	510		646	427	308	338	384.5	34	160.5	137.5
2	ER2-020L	575	630	703							
	ER2-020S	590		703	347	356	39				
2.5	ER2-025S	625	840	736	445	337	399	437.5		173.5	142.5
3	ER2-030S	785	920	703	427	347	356	397	44	216	82
5	ER2-050S	850		736	445	337	399	439	47	231.5	84.5

ER2M Single Lifting - Single Traversing Speed

With Motorized Trolley



- Ten meters of power supply cable as standard accompanies.
- Optional length of lift, push button cord and power supply cable besides standard is available on your request.
- Extending the load chain is prohibited with additional links.
- Steel chain containers are available as option as shown in Section of "Chain Containers" if your lift is more than capacity of the standard container volume.
- Single Lifting - Dual Traversing is also available.

Specifications

Capacity (t)	Product Code	Hoist Body	ER2								MR2				Test Load (t)	Net Weight (kg)	Additional Weight per 1m Lift (kg)			
			Standard Lift (m)	Push Button Cord L (m)	Lifting Motor		Lifting Speed (m/min)		Load Chain Diameter X Chain Falls	Classification ISO/FEM /ASME	Traversing Motor		Traversing Speed (m/min)					Flange Width B (mm)		Min. Radius Curve (mm)
					Output (kW)	Rating (%ED)	50Hz	60Hz			Output (kW)	Rating (%ED)	50Hz	60Hz				Standard	Option W30 (305mm)	
125kg	ER2M001H-S/L	B			0.56	60	14.1	16.9	4.3 x 1									156kg	58	0.42
250kg	ER2M003S-S/L						9.1	10.9												
	ER2M003H-S/L	0.9	13.4	16.1	M4/1Am /H4												625kg	64	0.81	
500kg	ER2M005L-S/L	C																		0.56
	ER2M005S-S/L				0.9	7.3	8.8	M4/1Am /H4												
1	ER2M010L-S/L	D	3	2.5		60	3.5													4.2
	ER2M010S-S/L						0.9	7.1	8.5	M4/1Am /H4										
1.5	ER2M015S-S/L	E			1.8	60	4.5	5.4	10.2 x 1											
2	ER2M020L-S/L						3.7	4.4		M4/1Am /H4										
	ER2M020S-S/L	7.0	8.4	M4/1Am /H4																
2.5	ER2M025S-S/L	F									3.5	60	5.7	6.8	11.2 x 1					
3	ER2M030S-S/L	E		4.4	5.3	M4/1Am /H4														
	5	ER2M050S-S/L	F	2.9	3.5					M4/1Am /H4										

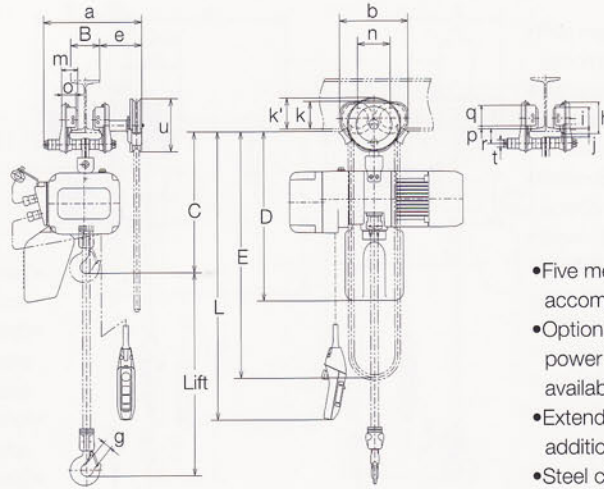
Note: The bracketed figures in Traversing Speed are low speed. The minimum radius curve may depend on flange width. For further information, contact the nearest KITO dealer.

Dimensions (mm)

Capacity (t)	Product Code	Headroom C	D	b	d	e	e'	g	i	j	k	m	n	r	t	u
125kg	ER2M001H-S/L	375	450													
250kg	ER2M003S-S/L															
	ER2M003H-S/L	435	550													
500kg	ER2M005L-S/L															
	ER2M005S-S/L	570	630	325	225	520	184									
1	ER2M010L-S/L															
	ER2M010S-S/L	620	830	340	226	521	186									
1.5	ER2M015S-S/L															
2	ER2M020L-S/L	840	910	400	281	528	192									
	ER2M020S-S/L															
2.5	ER2M025S-S/L															
3	ER2M030S-S/L															
	5	ER2M050S-S/L														

ER2SG Single Speed

With Geared Trolley



- Five meters of power supply cable as standard accompanies.
- Optional length of lift, push button cord and power supply cable besides standard is available on your request.
- Extending the load chain is prohibited with additional links.
- Steel chain containers are available as option as shown in Section of "Chain Containers" if your lift is more than capacity of the standard container volume.

Specifications

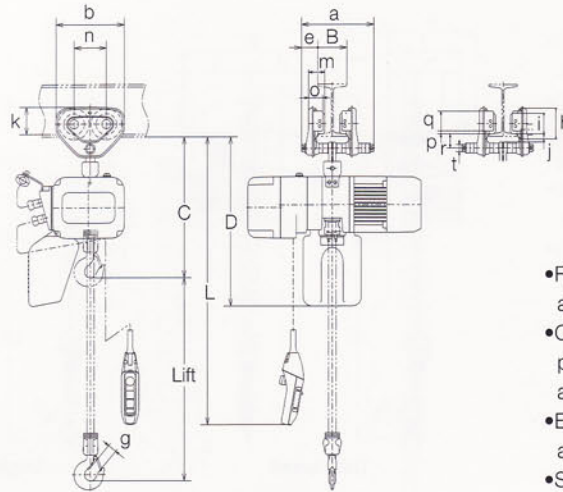
Capacity (t)	Product Code	Hoist Body	ER2										TSG			Test Load (t)	Net Weight (kg)	Additional Weight per 1m Lift (kg)								
			Standard Lift (m)	Push Button Cord L (m)	Lifting Motor		Lifting Speed (m/min)		Load Chain Diameter x Chain Falls (mm)	Classification ISO/FEM /ASME	Folded Hand Chain Length E (m)	Flange Width B (mm)			Min. Radius Curve (mm)											
					Output (kW)	Rating (%ED)	50Hz	60Hz				Standard	Option W20 (203mm)	W30 (305mm)												
125kg	ER2SG001H	B			0.56	60	14.1	16.9	4.3 x 1												156kg	40	1.4			
250kg	ER2SG003S						9.1	10.9																313kg	50	
	ER2SG003H			0.9		13.4	16.1	6 x 1	M5/2m /H4	2.7	58 to 127	128 to 203	204 to 305	1300							625kg	46	1.7			
500kg	ER2SG005L	C		0.56		3.8	4.6																	7.7 x 1		
	ER2SG005S			0.9		7.3	8.8	1.25	66																	
1	ER2SG010L	D	3	2.5		60	3.5			4.2	7.7 x 1														1.25	66
	ER2SG010S								1.8																	
1.5	ER2SG015S						4.5	5.4	10.2 x 1														1.88	89		
	ER2SG020L	E					3.7	4.4																	82 to 153	
	ER2SG020S						7.0	8.4	154 to 305														1700	3.13		
2.5	ER2SG025S	F					5.7	6.8																	11.2 x 1	M4/1Am /H4
	ER2SG030S	E					4.4	5.3	10.2 x 2	3.2	100 to 178													3.75	134	
3	ER2SG030S						2.9	3.5	11.2 x 2																	2300
5	ER2SG050S	F					2.9	3.5	11.2 x 2	3.2	100 to 178													6.25	188	

Dimensions (mm)

Capacity (t)	Product Code	Headroom C	D	a	b	e	g	h	i	j	k	k'	m	n	o	p	q	r	t	u					
125kg	ER2SG001H	415	490																						
250kg	ER2SG003S																								
	ER2SG003H	470	590					127	85	34	112	109	71	131	63										
500kg	ER2SG005L																								
	ER2SG005S	570	690	385	280	154		148	100	36	134	115	80	152	74										
1	ER2SG010L																								
	ER2SG010S	635	690	385	280	154		148	100	36	134	115	80	152	74										
1.5	ER2SG015S																								
	ER2SG020L	650	690	385	280	154		148	100	36	134	115	80	152	74										
2	ER2SG020S																								
	ER2SG025S	780	910	398	324	157		148	100	36	134	115	80	152	74										
2.5	ER2SG025S																								
	ER2SG030S	840	910	398	324	157		148	100	36	134	115	80	152	74										
3	ER2SG030S																								
	ER2SG050S	840	910	398	324	157		148	100	36	134	115	80	152	74										
5	ER2SG050S																								

ER2SP Single Speed

With Plain Trolley



- Five meters of power supply cable as standard accompanies.
- Optional length of lift, push button cord and power supply cable besides standard is available on your request.
- Extending the load chain is prohibited with additional links.
- Steel chain containers are available as option as shown in Section of "Chain Containers" if your lift is more than capacity of the standard container volume.
- The hoist direction to a beam for 3 t or 5 t is different 90 degrees.

Specifications

Capacity (t)	Product Code	Hoist Body	ER2							TSP			Test Load (t)	Net Weight (kg)	Additional Weight per 1m Lift (kg)						
			Standard Lift (m)	Push Button Cord L (m)	Lifting Motor		Lifting Speed (m/min)		Load Chain	Classification ISO/FEM/ASME	Flange Width B (mm)					Min. Radius Curve (mm)					
					Output (kW)	Rating (%ED)	50Hz	60Hz			Diameter	Chain X Falls					Standard	Option			
125kg	ER2SP001H	B			0.56		14.1	16.9	4.3 x 1												
250kg	ER2SP003S						9.1	10.9												50 to 102	103 to 203
	ER2SP003H	0.9		13.4	16.1	6 x 1	M5/2m/H4	204 to 305		625kg	38	0.81									
500kg	ER2SP005L	C		0.56									3.8	4.6	7.7 x 1						
	ER2SP005S			0.9		7.3	8.8	58 to 127	128 to 203	1300	1.25	55	1.33								
1	ER2SP010L	D	3	2.5	60	3.5	4.2							10.2 x 1							
	ER2SP010S					7.1	8.5	82 to 153	154 to 305	1500	2.5	86	2.3								
1.5	ER2SP015S			1.8		4.5	5.4							M4/1Am/H4							
2	ER2SP020L	E				3.7	4.4	1700													
	ER2SP020S					7.0	8.4							3.13	128	2.8					
2.5	ER2SP025S	F			3.5	5.7	6.8	11.2 x 1													
3	ER2SP030S	E				4.4	5.3	10.2 x 2						100 to 178		179 to 305					
5	ER2SP050S	F		2.8		2.9	3.5	11.2 x 2													

Dimensions (mm)

Capacity (t)	Product Code	Headroom C	D	a	b	e	g	h	i	j	k	m	n	o	p	q	r	t
125kg	ER2SP001H	395	470															
250kg	ER2SP003S																	
	ER2SP003H			204	182	46	27	82	60	21	76	47.5	84	42		54	38	22
500kg	ER2SP005L	415	530															
	ER2SP005S																	
1	ER2SP010L	470	590	249	236	56	31	106	71	28	95	56	112	50	10	69	50	25
	ER2SP010S																	
1.5	ER2SP015S	570						34										
2	ER2SP020L	635	690	300	280	69		127	85	34	112	71	131	63		83	62	32
	ER2SP020S	650						39										
2.5	ER2SP025S	680	890	320	324	79		148	100	36	134	80	152	74		102	68	36
3	ER2SP030S	780	910					44										
5	ER2SP050S	840		297	400	53	47	169	118	46	144	81	178	70		104	88	54

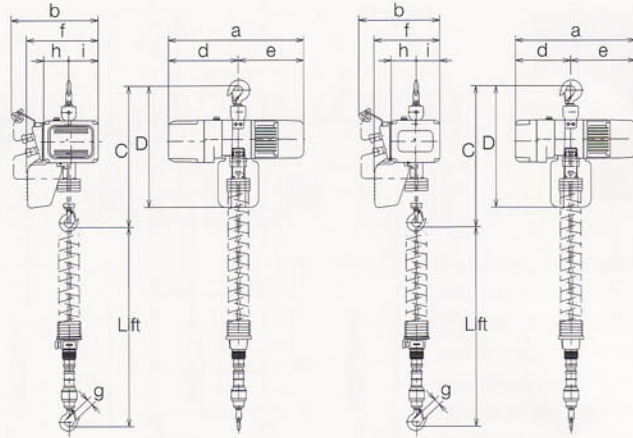
CDER2 Cylindrical Control Dual/Single Speed

with Hook Suspension



Dual Speed

Single Speed



Dual Speed

Single Speed

- Five meters of power supply cable as standard accompanies.
- Length of lift, push button cord and power supply cable is standard only available.
- Extending the load chain is prohibited with additional links.
- Plastic chain container is provided only.

Specifications

Capacity (t)	Product Code	Hoist Body	Standard Lift (m)	Lifting Motor		Lifting Speed (m/min)*			Load Chain		Classification ISO/FEM/ASME	Test Load (kg)	Net Weight (kg)	Additional Weight per 1m Lift (kg)
				Output (kW)	Rating (%ED)	50/60Hz		Diameter (mm)	Chain Falls					
						High	Low							
Dual	125kg ER2C001IH	B	1.8	0.56	40/20	Preset	16.6	2.8	4.3	x 1	M5/2m/H4	156	29	0.42
						Adjustable		1.4						
	250kg ER2C003IS					Preset	10.8	1.8						
						Adjustable		0.9						

Note: The high speed is preset to the maximum speed in KITO factory. The speeds are adjustable between High and Low.

500V

Capacity (t)	Product Code	Hoist Body	Standard Lift (m)	Lifting Motor		Lifting Speed (m/min)		Load Chain		Classification ISO/FEM/ASME	Test Load (kg)	Net Weight (kg)	Additional Weight per 1m Lift (kg)
				Output (kW)	Rating (%ED)	50Hz		Diameter (mm)	Chain Falls				
						High	Low						
Dual	125kg ER2C001HD	B	1.8	0.5/0.13	40/20	14.2/3.5		4.3	x 1	M5/2m/H4	156	34	0.42
	250kg ER2C003SD					7.2/1.8					313		

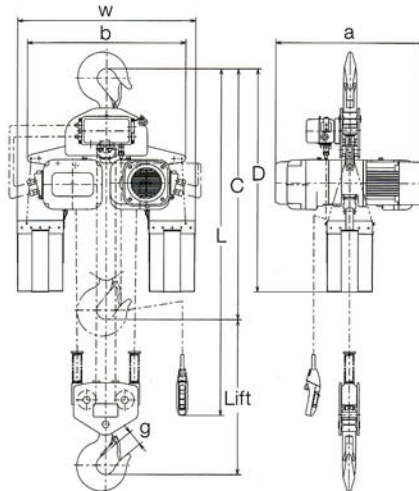
Capacity (t)	Product Code	Hoist Body	Standard Lift (m)	Lifting Motor		Lifting Speed (m/min)		Load Chain		Classification ISO/FEM/ASME	Test Load (kg)	Net Weight (kg)	Additional Weight per 1m Lift (kg)
				Output (kW)	Rating (%ED)	50Hz	60Hz	Diameter (mm)	Chain Falls				
						High	Low						
Single	125kg ER2C001H	B	1.8	0.56	60	14.1	16.9	4.3	x 1	M5/2m/H4	156	30	0.42
	250kg ER2C003S					9.1	10.9				313		

Dimensions (mm)

Capacity (t)	Product Code	Headroom C	D	a	b	d	e	f	g	h	i
125kg	ER2C001IH	1065	490	535	345	276	259	284	27	99	117
250kg	ER2C003IS			478	321	219					
125kg	ER2C001HD	1065	490	478	321	219	259	260	27	99	93
250kg	ER2C003SD										
125kg	ER2C001H	1065	490	478	321	219	259	260	27	99	93
250kg	ER2C003S										

ER2 Large Capacity

With Hook Suspension



- Ten meters of power supply cable as standard accompanies.
- Optional length of lift, push button cord and power supply cable besides standard is available on your request.
- Extending the load chain is prohibited with additional links.
- Steel chain containers are available as option as shown in Section of "Chain Containers" if your lift is more than capacity of the standard container volume.

Specifications

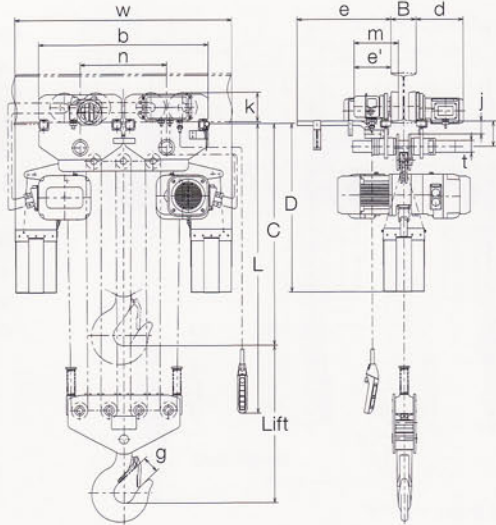
Capacity (t)	Product Code	Hoist Body	Standard Lift (m)	Push Button Cord L (m)	Lifting Motor		Lifting Speed (m/min)		Load Chain		Classification ISO/FEM/ASME	Test Load (t)	Net Weight (kg)	Additional Weight per 1m Lift (kg)
					Output (kW)	Rating (%ED)	50Hz	60Hz	Diameter (mm)	x Chain Falls				
10	ER2-100S			3.4			2.9	3.5	11.2	x 4		12.5	303	11
15	ER2-150S	F	3	3.7	3.5x2	60	1.9	2.3	11.2	x 6	M4/1Am/H4	18.8	404	17
20	ER2-200S						1.4	1.7	11.2	x 8		25	476	22

Dimensions (mm)

Capacity (t)	Product Code	Headroom C	D	a	b	w	g
10	ER2-100S	1370	1210		849	956	80
15	ER2-150S	1595	1520	798	1022	1129	86
20	ER2-200S	1710	1600		1198	1305	102

ER2M Large Capacity

With Motorized Trolley



- Ten meters of power supply cable as standard accompanies.
- Optional length of lift, push button cord and power supply cable besides standard is available on your request.
- Extending the load chain is prohibited with additional links.
- Steel chain containers are available as option as shown in Section of "Chain Containers" if your lift is more than capacity of the standard container volume.

Specifications

Capacity (t)	Product Code	ER2										MR2				Test Load (t)	Net Weight (kg)	Additional Weight per 1m Lift (kg)	
		Hoist Body	Standard Lift (m)	Push Button Cord L (m)	Lifting Motor		Lifting Speed (m/min)		Load Chain Diameter X Chain Falls (mm)	Classification ISO/FEM /ASME	Traversing Motor		Traversing Speed (m/min)		Flange Width B (mm)				Min. Radius Curve (mm)
					Output (kW)	Rating (%ED)	50Hz	60Hz			Output (kW)	Rating (%ED)	50Hz	60Hz					
7.5	ER2M075S-L						1.9	2.3	11.2 x 3								9.4	283	8.4
10	ER2M100L-L	F	3	3.3	3.5	60	1.4	1.7	11.2 x 4	M4/1Am /H4	0.75	40	10	12	150 to 220 221 to 305	2500	12.5	378	11
	2.9						3.5	399											
15	ER2M150S-L				3.5x2		1.9	2.3	11.2 x 6								18.8	571	17
20	ER2M200S-L						1.4	1.7	11.2 x 8								25	628	22

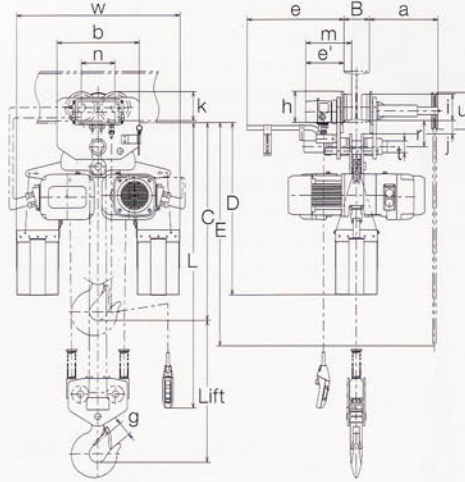
Note: Trolley wheels for tapered I-beam are provided as standard. The wheels for flat flange beam are also available so make a request in advance if necessary. The minimum radius curve for 7.5t and 10t may depend on flange width. For further information, contact the nearest KITO dealer.

Dimensions (mm)

Capacity (t)	Product Code	Headroom C	D	b	e	e'	g	j	k	m	n	r	t	w
7.5	ER2M075S-L	1165	1230				61	87						672
10	ER2M100L-L	1180	1210	500	531	223	80	77	175	268	191	153	70	728
	ER2M100S-L		1020											956
15	ER2M150S-L	1310	1230				86	82				520		1129
20	ER2M200S-L	1345	1230	1020			102	77			520			1305

ER2SG Large Capacity

With Geared Trolley



- Ten meters of power supply cable as standard accompanies.
- Optional length of lift, push button cord and power supply cable besides standard is available on your request.
- Extending the load chain is prohibited with additional links.
- Steel chain containers are available as option as shown in Section of "Chain Containers" if your lift is more than capacity of the standard container volume.

Specifications

Capacity (t)	Product Code	ER2										TSG		Test Load (t)	Net Weight (kg)	Additional Weight per 1m Lift (kg)			
		Hoist Body	Standard Lift (m)	Push Button Cord L (m)	Lifting Motor		Lifting Speed (m/min)		Load Chain Diameter x Chain Falls (mm)	Classification ISO/FEM /ASME	Folded Hand Chain Length E (m)	Flange Width B (mm)					Min. Radius Curve (mm)		
					Output (kW)	Rating (%ED)	50Hz	60Hz				Standard	Option W30 (305mm)						
7.5	ER2SG075S						1.9	2.3	11.2 x 3								9.4	275	9.3
10	ER2SG100L	F	3	3.3	3.5	60	1.4	1.7	11.2 x 4	M4/1Am /H4	3.2	150 to 220	221 to 305	3000			12.5	370	12
	2.9						3.5	395											
15	ER2SG150S				3.5x2		1.9	2.3	11.2 x 6		3.7						18.8	563	19
20	ER2SG200S						1.4	1.7	11.2 x 8								25	621	24

Note: Trolley wheels for tapered I-beam are provided as standard. The wheels for flat flange beam are also available so make a request in advance if necessary.

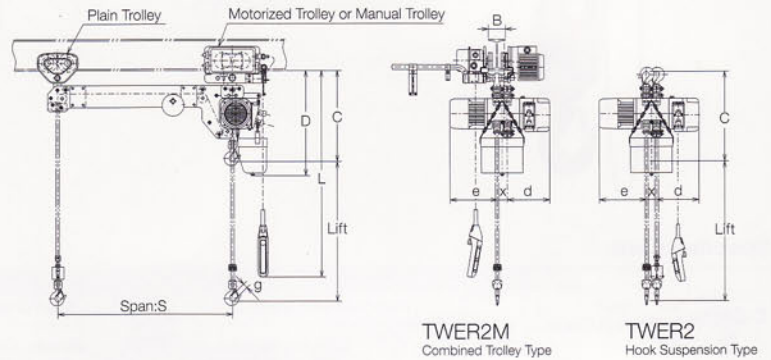
Dimensions (mm)

Capacity (t)	Product Code	Headroom C	D	a	b	e	e'	g	h	i	j	k	m	n	r	t	u	w
7.5	ER2SG075S	1165	1230					61			87							662
10	ER2SG100L	1180	1210	372	480									196.5				718
	ER2SG100S		1020			531		80	185	155	77	171			153	70	214	956
15	ER2SG150S	1310					223	86			82		269					1129
20	ER2SG200S	1345	1230	1012	1000			102			77			520				1305

TWER2M Twin Hook



KITO Twin Hook electric chain hoist, which is equipped with a single motor and two hooks, is intended to lift the hooks horizontally, equally and safely. This product is the most suitable for lifting applications requiring two lifting points for a wide load or retaining a level lifting. For special requirements such as dual speed or curve beam, consult with the nearest KITO dealer.



Specifications

Capacity (t)	Product Code	Hoist Body	Standard Lift (m)	Push Button Cord L (m)	ER2				Trolley				Test Load (t)		
					Lifting Motor		Lifting Speed (m/min)		Load Chain Diameter (mm) x Chain Falls	Traversing Motor		Traversing Speed (m/min)		Flange Width B (mm)	
					Output (kW)	Rating (%ED)	50Hz	60Hz		Output (kW)	Rating (%ED)	50Hz			60Hz
125kg + 125kg	TWER2M003S	C			0.56	60	9.2	11.0	6 x 2	0.4	40	20 (10)	24 (12)	58 to 153	156kg x 2
250kg + 250kg	TWER2M005L						3.8	4.6							7.3
500kg + 500kg	TWER2M010L	D	3	2.5	0.9	60	3.5	4.2	7.7 x 2	0.4	40	20 (10)	24 (12)	58 to 153	625kg x 2
	TWER2M010S						7.1	8.5							1.25 x 2
1 + 1	TWER2M020L	E			1.8	60	3.7	4.4	10.2 x 2	0.4	40	20 (10)	24 (12)	82 to 178	1.25 x 2
	TWER2M020S						7.0	8.4							3.13 x 2
1.5 + 1.5	TWER2M030S				3.5		4.4	5.3	10.2 x 4					100 to 178	1.88 x 2
2.5 + 2.5	TWER2M050S	F		2.8			2.9	3.5	11.2 x 4	0.75				100 to 178	3.13 x 2

Note: The bracketed figures in Traversing Speed are low speed. This product is designed for straight beams. Specify a beam width at the time of quotation or order.

The following information will be provided upon your request: 1) precise weight depending on length of the hook span 2) availability of curve beams 3) availability of a lift exceeding the maximum (8m)

Dimensions (mm)

Capacity (t)	Product Code	Headroom C		D	S	d	e	g	x
		With Trolley	Hook						
125kg + 125kg	TWER2M003S	535	525	620	Min. 510	242	271	27	60
250kg + 250kg	TWER2M005L						268		
500kg + 500kg	TWER2M010L	615	620	710	Min. 530	291	298	31	71
	TWER2M010S						307		
1 + 1	TWER2M020L	800	830	790	Min. 650	308	338	39	81
	TWER2M020S						347		
1.5 + 1.5	TWER2M030S	970	995	920				44	
2.5 + 2.5	TWER2M050S	1020	1025	990		337	399	47	85

Note: Maximum hook span (S) is 4m. Longer span is also available so contact the nearest KITO dealer.

SHER2M Ultra Low Headroom



KITO Ultra Low Headroom electric chain hoist is uniquely designed to have a shorter headroom than that of standard ER2 configurations. This product is the most suitable for installation which requires a low ceiling of buildings or maximizes effective lift. The trolleys are available as option. For special requirements such as rated capacity over 10t, dual speed or curve beam, consult with the nearest KITO dealer.

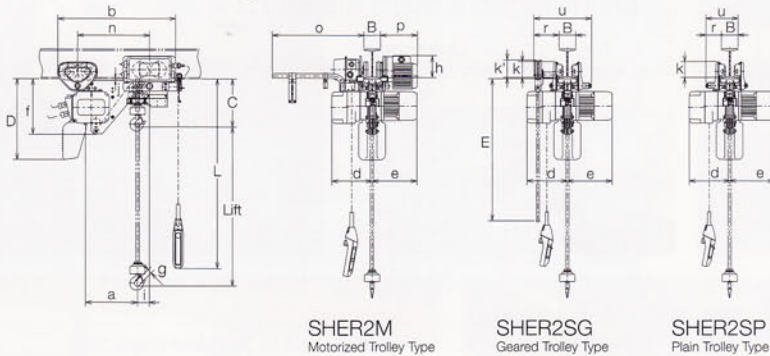
Headroom Comparison

Capacity (t)	Code	Headroom C (mm)		
		Ultra Low Headroom	Standard ER2M	Difference
250kg	003S	265	375	-110
500kg	005L	285	395	-110
	005S			
1	010L	345	435	-90
	010S			
1.5	015S	435	505	-70
2	020L	475	570	-135
	020S		585	-110
3	030S	610	765	-155
5	050S	670	900	-230

Load Factor & Number of Starts for replacement

Load chain periodical replacement is recommended for breakage prevention

Load Factor	100%	75%	50%	25%
Number of Starts	20,000	60,000	200,000	400,000



SHER2M
Motorized Trolley Type

SHER2SG
Geared Trolley Type

SHER2SP
Plain Trolley Type

Specifications

Capacity (t)	Product Code	Hoist Body	ER2										Trolley				Test Load (t)	Net Weight (kg)		
			Standard Lift (m)	Push Button Cord L (m)	Lifting Motor		Lifting Speed (m/min)		Load Chain		Traversing Motor		Traversing Speed (m/min)		Flange Width B (mm)	Motorized Trolley		Geared Trolley	Plain Trolley	
					Output (kW)	Rating (%ED)	50Hz	60Hz	Diameter (mm)	Chain Falls	Output (kW)	Rating (%ED)	50Hz	60Hz						
250kg	SHER2M003S	B			0.56		9.2	11.0	4.3	x 1						313kg	78	61	56	
500kg	SHER2M005L	C			0.9	60	3.8	4.6	6	x 1					75 to 125	625kg	84	67	62	
	SHER2M005S						7.3	8.8												
1	SHER2M010L	D	3	2.5	0.9	60	3.5	4.2	7.7	x 1	0.4	40	20	24	100 to 125	1.25	104	87	82	
	SHER2M010S						7.1	8.5												
1.5	SHER2M015S	E			1.8		4.8	5.8	10.2	x 1						1.88	158	139	134	
2	SHER2M020L	F					3.7	4.4	11.2	x 1					125 to 150	2.5	162	143	138	
	SHER2M020S						5.7	6.8												
3	SHER2M030S	E		2.8	3.5		3.5	4.2	10.2	x 2						3.75	241	222	217	
5	SHER2M050S	F					2.9	3.5	11.2	x 2	0.75				150 to 175	6.25	322	307	300	

Note: The bracketed figures in Traversing Speed are low speed. This product is designed for straight beams. Specify a beam width at the time of quotation or order. The following information will be provided upon your request: 1) availability of curve beams 2) availability of a flange width exceeding the maximum.

Dimensions (mm)

Capacity (t)	Product Code	Headroom C	D	E	a	b	d	e	f	g	h	i	j	k	k'	n	o	p	r	u
250kg	SHER2M003S	265	430		260	656(616)	219	259	325			68				380				
500kg	SHER2M005L	285	525		310	706(666)	242	271	370	27		70	18	95	107	430	515	220	152(66)	345(249)
	SHER2M005S							268												
1	SHER2M010L	345	550	3700	339	734(694)	291	298	405	31		77				458				
	SHER2M010S							307												
1.5	SHER2M015S	435	640		389	826(803)	308	338	487	34						523				
2	SHER2M020L	475	840		423	846(823)	337	399	527	39	125	79	29	112	109	543	520	225	154(69)	385(300)
	SHER2M020S																			
3	SHER2M030S	610	830		435	892(884)	347	356	487	44	131	45	24	134	115	560	521	226	157(79)	398(320)
5	SHER2M050S	670	860	4200	475	1057(1057)	337	399	542	47	145	66	31	144	131	657	528	281	156(63)	401(297)

Note: The bracketed figures in Size "b" are for geared or plain trolley. The bracketed figures in Size "r" or "u" are for plain trolley. Size "D" is for a lift of 4m. This information which varies depending on the lift is provided upon your request.

Options

Mechanical Brake with Friction Clutch

KITO's own device combining functions of friction clutch and mechanical brake for the capacities of 10 t or less, which requires additional components. (Request at placing an order of the hoists)



Overload Limiter

For additional security, Overload Limiter (OLL) is recommended as an option which is preset by 115% of rated capacity. OLL protects the hoist mechanism from damage under overload conditions. (a load can be lowered even after OLL sets off.)

Standard setting: 115% of rated capacity

Adjustable setting: from 90%-135% of rated capacity



Drop Stops

Provides additional security of the motorized trolley for the operator and the equipment.

Rubber Bumpers

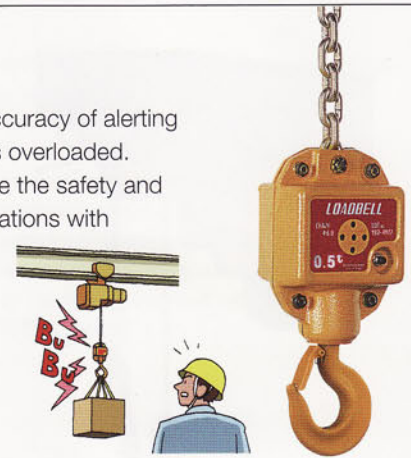
Provides protection of the motorized trolley from collisions.

Hook Dimensions

Product Code	Top Hook (mm)						Bottom Hook (mm)					
	D	g	i	j	k	l	D	g	h	f	e	c
ER2-001H/IH												
ER2-003S/IS												
ER2-003H/IH	35.5	27.0	17.5	23.5	28.0	17.5	35.5	27.0	17.5	23.5	28.0	17.5
ER2-005L/IL												
ER2-005S/IS												
ER2-010L/IL	42.5	31.0	22.5	31.0	36.5	22.5	42.5	31.0	22.5	31.0	36.5	22.5
ER2-010S/IS												
ER2-015S/IS							47.5	34.0	26.5	36.5	43.5	26.5
ER2-020L/IL	53.0	39.0	31.5	43.5	51.5	31.5						
ER2-020S/IS							53.0	39.0	31.5	43.5	51.5	31.5
ER2-025S/IS			32.5	44.0	52.0	32.5						
ER2-030S/IS	60.0	44.0	34.5	47.5	56.0	34.5	60.0	44.0	34.5	47.5	56.0	34.5
ER2-050S/IS	63.0	47.0	42.5	56.0	67.0	42.5	63.0	47.0	42.5	56.0	67.0	42.5

Load Bell

KITO Load Bell has accuracy of alerting you when your hoist is overloaded. This bell helps increase the safety and efficiency of your operations with economical cost.



Extra headroom & weight with KITO Load Bell

Rated capacity (t)	Load chain diameter x chain fall (mm)	Extra headroom (mm)	Weight (kg)
500kg	6.0x1	171	3
1	7.7x1	189	4
1.5	10.2x1	227	5
2	11.2x1	124	8
2.5	11.2x1	121	8
3	10.2x2	113	10

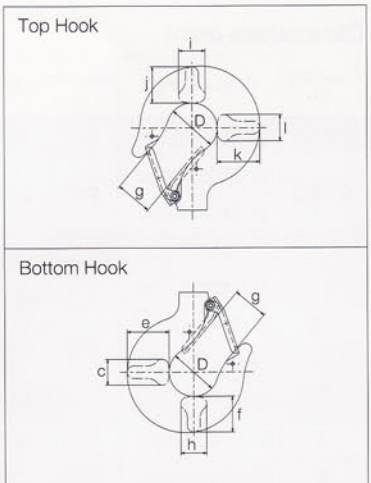
Setting: 100-110 % of rated capacity

Power supply: DC 9V (9V dry battery)

Service life of battery: 700H in intermittent use (4hr per day)

Alerting buzzer volume: Min. 85dB

Enclosure: IP55





HOIST APPLICATION

KITO ER SERIES ELECTRIC CHAIN HOIST

125 Kg. to 20 t (Three phase power supply)

ER

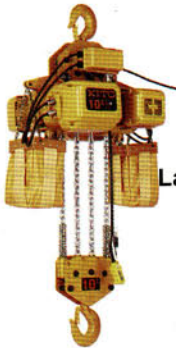
Top Series !

ERM

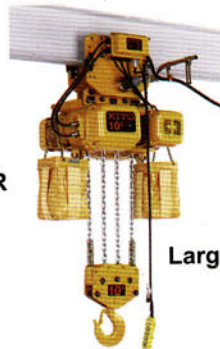
The ER Series electric chain hoist can improve efficiency in the most demanding of work environments. Packed with the latest technology the high quality, high performance ER Series Electric Chain Hoist will satisfy the most demanding customer.

ER SERIES ELECTRIC CHAIN HOISTS ได้รับการปรับปรุงประสิทธิภาพในการตอบสนองความต้องการของลูกค้าในสภาพแวดล้อมการทำงานที่หลากหลายและรวบรวมเกี่ยวกับเทคโนโลยีล่าสุด ที่มีคุณภาพสูง มีประสิทธิภาพการทำงานสูงไว้ด้วยดังนั้น ER Series Electric Chain Hoist จึงสามารถตอบสนองต่อความต้องการที่ทำให้ลูกค้าพอใจได้มากที่สุด

LARGE CAPACITY TYPE ER



Large Capacity ER



Large Capacity ERM

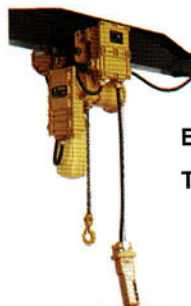


Large Capacity ERSG

KITO APPLICATION-ORIENT MODEL SERIES



Twin Hook
Type TWERM



Explosion-proof
Type RESM

Kito's Application-oriented model series are designed to meet various needs, load handling works as well as environmental conditions. Kito also offer various turn-key models with specifications designed to meet the user's particular applications

รอกชนิดพิเศษของคิตอนี้ได้รับการออกแบบเพื่อตอบสนองความต้องการที่แตกต่างกันออกไป เนื่องจากเราได้นำความหลากหลายของเครื่องจักรต่างๆมาประยุกต์ใช้ในการ ออกแบบเพื่อสนองความต้องการของลูกค้าให้เกิดความพึงพอใจสูงสุด เช่นรอก Twin Hook เป็นรอกที่ใช้สำหรับยกชิ้นงาน2ด้านพร้อมกันและ รอกกันระเบิด เป็นต้น

KITO EF SERIES

EF Hook suspension Type 125kg. to 2t.

(Three/Single phase power supply)



Kito EF Series are designed for ease of handling and high cost performance, with low weight and a simple structure for maximum mobility. The single phase power supply. These small hoists offer benefits of weight, economy, and durability

Kito EF Series เป็นรอกขนาดเล็กที่มีน้ำหนักเบา ทนทานต่อการใช้งานและมีราคาไม่แพง อีกทั้งมีโครงสร้างที่ไม่ซับซ้อนทำให้ใช้งานง่าย นอกจากนี้ยังสามารถนำไปใช้กับไฟฟ้าตามบ้าน (220V.) ได้อีกด้วย

KITO ED III SERIES ELECTRIC CHAIN HOISTS

60Kg. To 480 Kg. (Single phase power supply)

Mini Trolley



For H-Beam TMH25



For C-Channel TMC25



Single & Dual



Dual cylinder

High strength, wear
And rust resistant
Nickel plated load chain

This series is small in size but high in output. Pendant control and Cylinder control Type are available to meet user's applications which can be run on a home-use power supply (for Single phase)

KITO ED III SERIES นั้นถึงแม้จะมีขนาดกะทัดรัด แต่ก็เป็รอกที่มีประสิทธิภาพสูง ด้วยจุดเด่นที่มีทั้งแบบ Pendant Control และ Cylinder Control ทำให้สามารถเลือกใช้งานได้ตามความเหมาะสม เพื่อให้ได้มาซึ่งสมรรถนะสูงสุดตลอดการใช้งาน นอกจากนี้ยังสามารถนำไปใช้กับไฟฟ้าตามบ้านได้ด้วย

KITO ELECTRIC WIRE ROPE HOIST



KITO WIRE ROPE HOIST SERIES come in a variety of models. All models of the wide selection range offer outstanding ease-of-use, helping rationalize load handling operations, save labor, and raise work efficiency.

ด้วยเทคโนโลยีการออกแบบที่ไม่หยุดนิ่งและจุดมุ่งหมายเพื่อให้ตอบสนองความต้องการได้อย่างสูงสุด ก็ได้พัฒนา Kito Wire Rope Hoist ให้มีรูปแบบซึ่งถูกออกแบบมาเพื่อให้ใช้งานง่าย ประหยัดพลังงานและช่วยให้การยกชิ้นงานมีประสิทธิภาพมากขึ้น ถือเป็นอีกหนึ่งทางเลือกที่ได้รับความนิยมในวงการอุตสาหกรรม

MANUAL CHAIN HOISTS

KITO MIGHTY CB SERIES MODEL M3

500 Kg. to 50 t.



- Extraordinarily compact, light, and easy to use.
- Excellent workability thanks to maximum mechanical efficiency, requiring the least manual force.
- Excellent durability because of the top-grade load chain (rupture stress:1000 /mm² or higher)

KITO CB SERIES ถูกออกแบบให้มี Body ที่เหมาะสมกับน้ำหนักที่รอกสามารถยกได้ ใช้งานง่ายทำให้มีประสิทธิภาพในการทำงานสูงช่วยให้ประหยัดพลังงานในขณะที่ใช้ เป็นรอกที่มีความทนทานมากเนื่องจากโซ่ที่ใช้เป็นโซ่ที่มีแรงต้านทานการขาดมากกว่า 1000 / mm²

KITO UNIVERSAL TROLLEYS



Plain Trolley

500 Kg to 3 t.



5 t



Geared Trolley

500Kg. to 3 t



5 t. to 20 t.

Wheels are specially machined and treated for exceptional durability. Extra-light structure is archived due to strict design conditions. Protective bumpers protect the wheels in case the trolley collides with the stoppers the ends of the rail or collides with another trolley. Trolleys can be installed on either I-beam or H – beam rails. Specially designed for smooth running; the rail width can be adjusted easily. All four wheels feature high-grade closed ball bearings that do not require lubrication.

KITO UNIVERSAL TROLLEYS ได้รับการออกแบบให้มีขนาดเล็กและเคลื่อนที่ได้ดีขึ้น มีการใช้เทคนิคพิเศษเพื่อเพิ่มความแข็งแรงให้กับโลหะ ทำให้ลูกกลิ้งมีความทนทานขึ้น นอกจากนี้หัววิ่งสามารถปรับใช้กับ Beam ได้หลายอย่าง และง่ายต่อการติดตั้งอีกด้วย

KITO CX SERIES MANUAL CHAIN HOISTS

250 Kg



Capacity 250kg lightweight just 2.4kg. With standard lift 2.5 m Easy to install at an elevated place easy to hook with winder hook-throat

Kito CX Series สามารถรับน้ำหนักได้ 250 kg. มีน้ำหนักเบาแค่ 2.4 kg. ด้วยมาตรฐานการยก 2.5 ม. ง่ายในการติดตั้งในที่สูง, ง่ายต่อการเกี่ยวด้วยการใช้ตะขอ

KITO LX SERIES LEVER CHAIN HOISTS

250 Kg. to 500 Kg.



- extraordinarily compact and light : only 1.6 kg.
- Kito's original Free Chain Adjustment System greatly speeds up operations.
- Excellent durability because of the top-grade load chain (rupture stress:1000/mm² or higher)

KITO LX SERIES ถูกออกแบบมาอย่างเรียบง่ายเพื่อความเป็นที่สะดวกของการอำนวยความสะดวกในการใช้งานตามความต้องการด้วยขนาดที่กะทัดรัด และน้ำหนักเบาเพียง 1.6 kg เท่านั้น อีกทั้งใช้งานได้ง่ายและเคลื่อนย้ายสะดวก จัดได้ว่าเป็นผลิตภัณฑ์ที่ใช้งานได้อย่างคุ้มค่าจริงๆ

KITO LB SERIES LEVER CHAIN HOISTS

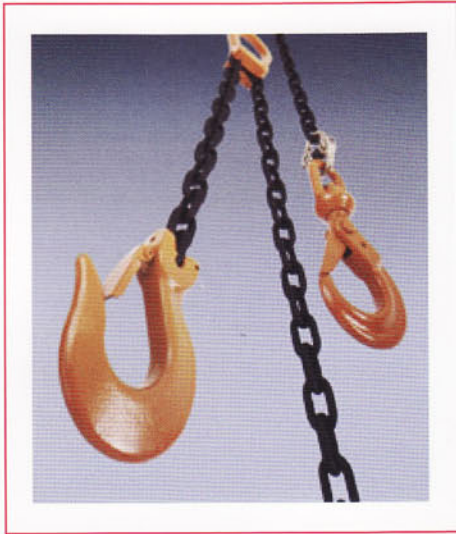
800 Kg. to 9 t.



- Extraordinarily compact and light , and easy to use.
- Kito's original Free Chain Adjustment System greatly speeds up operations.
- Excellent durability because of the top-grade load chain (rupture stress : 1000/mm² or higher).

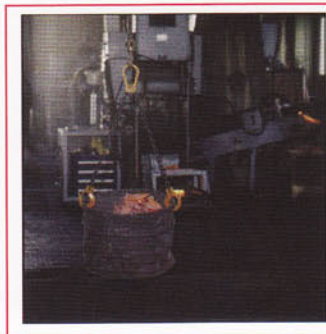
-Kito Lever Block Model L5 คือพัฒนาการล่าสุด ความสมบูรณ์แบบของรอกโยก ซึ่งได้รวมคุณสมบัติต่างๆไว้อย่างครบถ้วน ไม่ว่าจะเป็นขนาด น้ำหนัก ความปลอดภัย ความทนทาน และประสิทธิภาพในการทำงานให้สามารถตอบสนองความต้องการได้อย่างดีเยี่ยม ดังนั้น Kito lever Blocks Model L5 จึงเป็นรอกโยกที่ให้ความคุ้มค่าเกินราคา

KITO CHAIN SLING 100



The Kito Chain Sling 100 uses Kito's top-grade super-strong link chain developed based on a long technological history and experience, featuring a rupture stress of 1000N/mm² or even higher. Various standard link and fittings are also available to provide the best combination of products for different applications.

ด้วยความรู้และประสบการณ์ ที่สะสมมานาน พร้อมด้วยเทคโนโลยีที่มีประสิทธิภาพ ทำให้ Kito Chain Sling 100 กลายเป็นผลิตภัณฑ์ที่มีคุณภาพสูง โซ่มีแรงต้านทานการขาดมากกว่า 1000 N/mm² ด้วยมาตรฐานของข้อต่อโซ่เหล่านี้ทำให้นำไปใช้ร่วมกับผลิตภัณฑ์ชนิดอื่นๆ ได้อย่างหลากหลาย และมีประสิทธิภาพมากขึ้น



ACCESSORY / KITO CLIP



-Kito Clip are special fixtures for wire rope developed for applications where rope are used with lever hoists or chain hoists.

-Clips can be used in any desired position on a wire rope.

-Inserting a wire rope in a clip and pulling the clip makes it grip the wire firmly.

-The original groove design protects the wire surface.

-Their combined use with a lever hoist improves efficiency and economy.

KITO CLIPS เป็นอุปกรณ์ที่ใช้สำหรับจับสลิงซึ่ง KITO CLIPS นี้ถูกออกแบบมาเพื่อป้องกันพื้นผิวของสลิง และสามารถนำไปยึด ตรงตำแหน่งใดก็ได้บนสลิง เมื่อนำมาใช้ร่วมกับรอกโยกแล้วจะทำให้ประสิทธิภาพในการทำงานสูงขึ้นอีกด้วย