

**KITTO**



## PRODUCT CATALOGUE

- Electric Hoists
- Air Hoists
- Lever Hoists
- Manual Hoists
- Trolleys
- Accessories

## A MESSAGE FROM THE PRESIDENT

Where safety meets performance.

Hoists are used by people. That's why the guiding principle behind everything we do is - and must remain - safety.

Kito is committed to protecting you and your co-workers. Our dedication to safety and innovation remains as strong today as it was 70 years ago. It is at the very core of who we are and what we build. These values define our approach to product development, design and production.

Quality is the priority. Leading edge manufacturing techniques increase product quality and enhance performance. Every Kito hoist features the functionality and durability required by even the most demanding user.

At Kito, we believe that the safety and performance delivered by a hoist are not dependent on any one system or feature. Rather, it is the sum of these systems working together that results in the best hoist on the market today.

Proudly serving Canada.

KITO Canada Inc., as a wholly-owned subsidiary of KITO Corporation, is proud to offer a sales and service effort that matches the superior quality of the KITO product. Our sales staff are experienced in industrial and shop hoist applications, and we can answer your questions promptly and knowledgeably. We can help you with selection, location, installation, and safety issues. And we can supply product quickly - even custom orders are usually ready to ship in a few days.

After the sale, we're still there to help you - with technical support, safety orientation seminars, and a comprehensive parts inventory.

The decision is easy. Make the safe choice. Choose Kito.



*Angus L. Simpson  
President*

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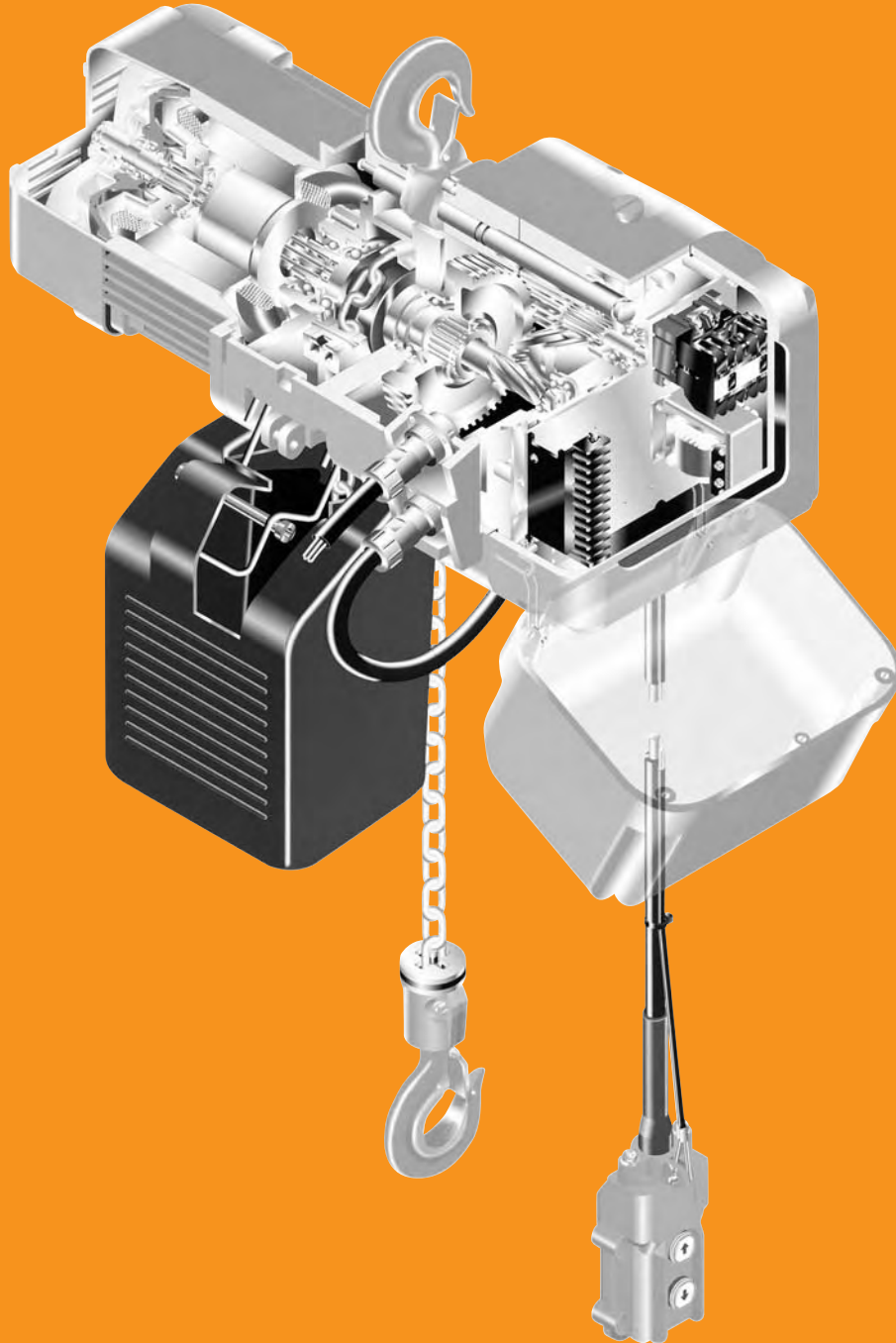
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# KITO ER SERIES ELECTRIC CHAIN HOISTS

1/4 to 20 metric tonne capacity, three phase (220/440/575V) hoists for heavy industrial use

KITO ER Series Electric Chain Hoists are engineered for heavy-duty industrial applications. ER chain hoists feature advanced hoist technology, easy serviceability, and industry-leading quality.

## Features

- Load-bearing parts are only stressed to 20% of their limit at rated capacity
- Abrasion resistant, case-hardened load chain is made from heat-treated alloy steel for high, uniform strength
- Single fall of chain through three tonne capacity prevents hook from capsizing
- Forged carbon steel hook design will not fracture under excessive load
- Advanced fail-safe pull rotor brake
- Fan-cooled motor increases operating time
- Low headroom design operates in close quarters
- Helical gears immersed in oil bath ensure quiet, smooth operation and long life
- Unique chain-guide design for smooth chain travel
- Slip clutch protects the hoist against over-travel and over-load damage
- Limit switch prevents over-lifting without increasing the headroom
- Emergency stop button on units equipped with motorized trolleys allows you to cut the power to the hoist in case of emergency
- 360° swivel bottom hook with built-in bearing, for easy positioning
- Weathertight construction resists dust and water
- Control cover with hinges allows fast and easy on-site maintenance
- 110 Volt control is easily adapted to crane systems
- High performance mechanically interlocked electromagnetic contactors for trouble free operation

## Options

- Dual speed units for increased productivity
- Ergonomic cylinder control for easy one-handed operation
- Chain bag keeps chain clean and out of the way
- Weston style mechanical brake for applications where two holding brakes are required
- Plated chain for corrosive environments
- Custom lift lengths to suit your requirements
- Plain, Geared, or Motorized trolley mount for improved load control

## Specifications

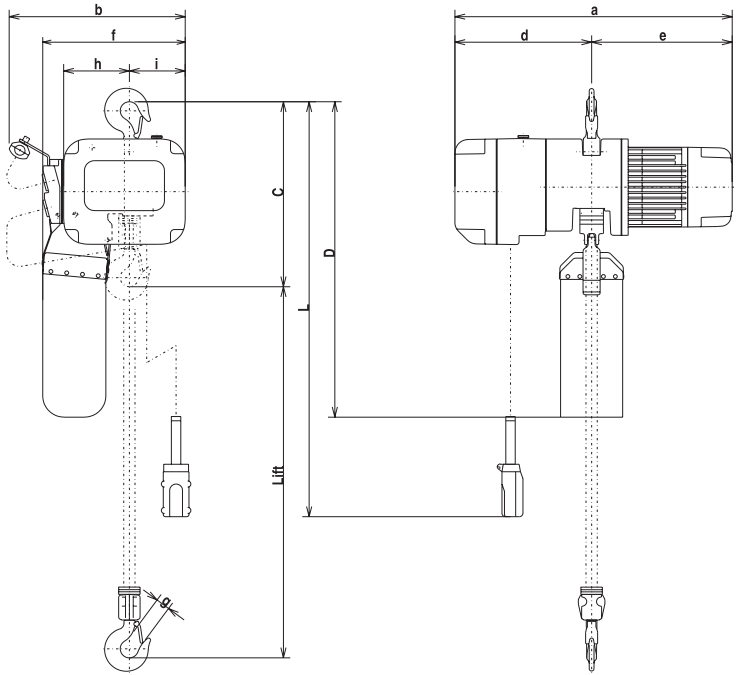
- Safety Standard: ASME B30.16
- Performance Standard: ASME HST-1
- Hoist Classification: ASME H4
- Test Load: 125% of Rated Capacity
- Chain Type: Grade 80, Case Hardened
- Electrical Certification: CSA
- Environmental Protection: IP55
- Motor Type: TEFC Squirrel Cage
- Motor Insulation: Class B



MAXIMUM ENDURANCE

# KITO ER SERIES ELECTRIC CHAIN HOISTS

## Single Speed Hoist - Hook Mount



### Dimensions (mm)

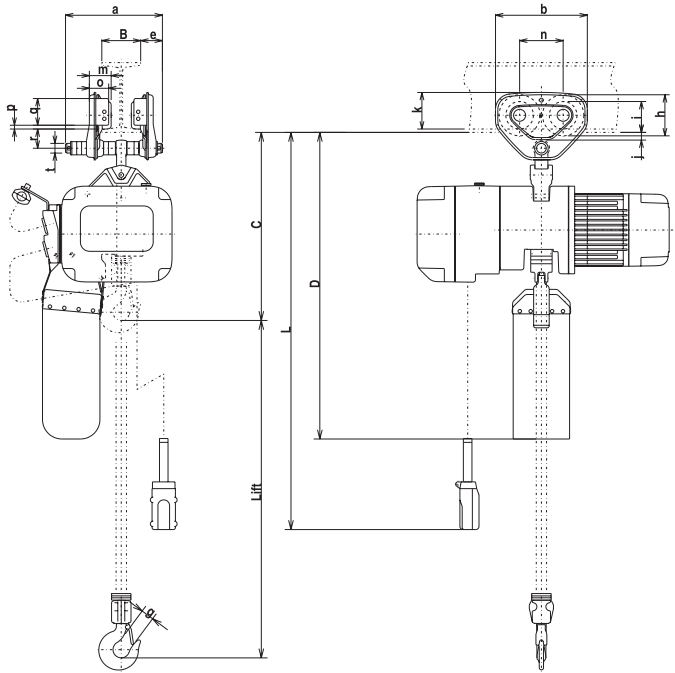
Model	C	D	a	b	d	e	f	g	h	i
ER003S	350	450	535	330	264	271	263	24	102	98
ER005L	355	450	535	330	264	271	263	24	102	98
ER005S	370	480	557	350	274	283	303	24	120	103
ER010L	415	490	557	350	274	283	303	31	120	103
ER010S	440	620	649	420	320	329	381	31	154	131
ER015S	520	650	649	420	320	329	381	34	154	131
ER020L	560	650	649	420	320	329	381	37	154	131
ER020S	610	830	786	480	393	393	449	37	182	164
ER025S	625	840	786	480	393	393	449	40	182	164
ER030L	660	840	786	480	393	393	449	44	182	164
ER030S	660	840	786	480	393	393	449	44	182	164
ER050L	835	900	786	480	393	393	452	46	244	102

### Specifications

Model	Max. Capacity (tonne)	Std. Lift (ft)	Lift Speed (ft/min)	Hoist Motor H.P.	ASME Hoist Duty Class	Max. Starts per Hour	%ED	Short Time Rating (min)	Rated Current (amps)			Ship Weight (lbs)	Load Chain Code	Load Chain Falls	Weight per Additional 5 ft of Lift (lbs)
									220V	440V	575V				
ER003S	0.25	10	38	0.73	H4	360	60	60	4.1	2.1	1.5	68	KES050	1	2
ER005L	0.5	10	14	0.73	H4	360	60	60	4.1	2.1	1.5	70	KES063	1	3
ER005S	0.5	10	30	1.2	H4	360	60	60	5.5	2.8	2.1	84	KES063	1	3
ER010L	1	10	15	1.2	H4	360	60	60	5.5	2.8	2.1	90	KES080	1	3
ER010S	1	10	29	2.3	H4	360	60	60	10.1	5.1	3.6	134	KES080	1	5
ER015S	1.5	10	20	2.3	H4	360	60	60	10.1	5.1	3.6	150	KES100	1	5
ER020L	2	10	14	2.3	H4	360	60	60	10.1	5.1	3.6	150	KES100	1	8
ER020S	2	10	28	4.6	H4	360	60	60	17.9	9	6.6	238	KES100	1	8
ER025S	2.5	10	23	4.6	H4	360	60	60	17.9	9	6.6	249	KES112	1	8
ER030L	3	10	16	4.6	H4	360	60	60	17.9	9	6.6	255	KES125	1	10
ER030S	3	10	22	6	H4	360	60	60	24	12	8.6	268	KES125	1	10
ER050L	5	10	11	4.6	H4	360	60	60	17.9	9	6.6	308	KES112	2	20

# KITO ER SERIES ELECTRIC CHAIN HOISTS

## Single Speed Hoist - Plain Trolley Mount



### Dimensions (mm)

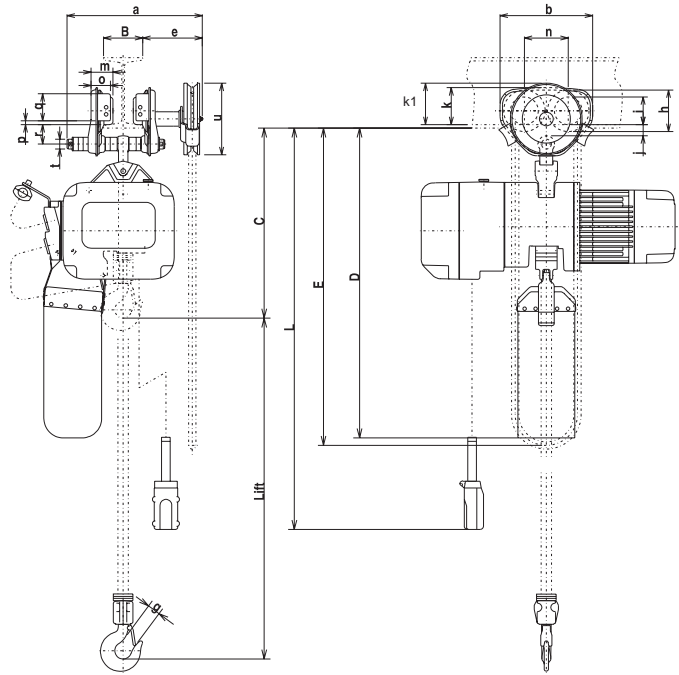
Model	C	D	a	b	e	g	h	i	j	k	m	n	o	p	q	r	t
ERSP003S	390	490	204	182	46	24	82	60	19	76	45	84	42	10	54	38	22
ERSP005L	395	490	204	182	46	24	82	60	19	76	45	84	42	10	54	38	22
ERSP005S	410	520	204	182	46	24	82	60	19	76	45	84	42	10	54	38	22
ERSP010L	460	540	249	236	56	31	106	71	28	95	56	112	50	10	69	50	25
ERSP010S	495	670	249	236	56	31	106	71	28	95	56	112	50	10	69	50	25
ERSP015S	575	700	300	280	69	34	127	85	34	112	71	131	63	10	83	62	32
ERSP020L	610	700	300	280	69	37	127	85	34	112	71	131	63	10	83	62	32
ERSP020S	660	880	300	280	69	37	127	85	34	112	71	131	63	10	83	62	32
ERSP025S	675	890	320	324	79	40	148	100	36	134	80	152	74	10	102	68	36
ERSP030L	710	890	320	324	79	44	148	100	36	134	80	152	74	10	102	68	36
ERSP030S	710	890	320	324	79	44	148	100	36	134	80	152	74	10	102	68	36
ERSP050L	830	890	297	400	53	46	169	118	46.5	144	81	178	70	10	104	88	54

### Specifications

Model	Max. Capacity (tonne)	Std. Lift (ft)	Lift Speed (ft/min)	Hoist Motor H.P.	Min. Radius for Curve (mm)	ASME Hoist Duty Class	Max. Starts per Hour	%ED	Short Time Rating (min)	Rated Current (amps)			Ship Weight (lbs)	Load Chain Falls	Weight per Additional 5 ft of Lift (lbs)
										220V	440V	575V			
ERSP003S	0.25	10	38	0.73	1100	H4	360	60	60	4.1	2.1	1.5	79	1	2
ERSP005L	0.5	10	14	0.73	1100	H4	360	60	60	4.1	2.1	1.5	81	1	3
ERSP005S	0.5	10	30	1.2	1100	H4	360	60	60	5.5	2.8	2.1	95	1	3
ERSP010L	1	10	15	1.2	1300	H4	360	60	60	5.5	2.8	2.1	110	1	3
ERSP010S	1	10	29	2.3	1300	H4	360	60	60	10.1	5.1	3.6	154	1	5
ERSP015S	1.5	10	20	2.3	1500	H4	360	60	60	10.1	5.1	3.6	187	1	5
ERSP020L	2	10	14	2.3	1500	H4	360	60	60	10.1	5.1	3.6	189	1	8
ERSP020S	2	10	28	4.6	1500	H4	360	60	60	17.9	9	6.6	275	1	8
ERSP025S	2.5	10	23	4.6	1700	H4	360	60	60	17.9	9	6.6	299	1	8
ERSP030L	3	10	16	4.6	1700	H4	360	60	60	17.9	9	6.6	310	1	10
ERSP030S	3	10	22	6	1700	H4	360	60	60	24	12	8.6	323	1	10
ERSP050L	5	10	11	4.6	2300	H4	360	60	60	17.9	9	6.6	416	2	20

# KITO ER SERIES ELECTRIC CHAIN HOISTS

## Single Speed Hoist - Geared Trolley Mount



### Dimensions (mm)

Model	C	D	E	a	b	e	g	h	i	j	k	k1	m	n	o	p	q	r	t	u
ERSG003S	410	510	3700	345	236	152	24	106	71	28	95	106	45	112	50	10	69	50	25	183
ERSG005L	415	510	3700	345	236	152	24	106	71	28	95	106	45	112	50	10	69	50	25	183
ERSG005S	430	540	3700	345	236	152	24	106	71	28	95	106	45	112	50	10	69	50	25	183
ERSG010L	460	540	3700	345	236	152	31	106	71	28	95	106	45	112	50	10	69	50	25	183
ERSG010S	495	670	3700	345	236	152	31	106	71	28	95	106	45	112	50	10	69	50	25	183
ERSG015S	575	700	3700	385	280	154	34	127	85	34	112	109	56	131	63	10	83	62	32	183
ERSG020L	610	700	3700	385	280	154	37	127	85	34	112	109	56	131	63	10	83	62	32	183
ERSG020S	660	880	3700	385	280	154	37	127	85	34	112	109	56	131	63	10	83	62	32	183
ERSG025S	675	890	3700	398	324	157	40	148	100	36	134	114	71	152	74	10	102	68	36	183
ERSG030L	710	890	3700	398	324	157	44	148	100	36	134	114	71	152	74	10	102	68	36	183
ERSG030S	710	890	3700	398	324	157	44	148	100	36	134	114	71	152	74	10	102	68	36	183
ERSG050L	830	890	4200	401	400	156	46	169	118	46.5	144	131	81	178	70	10	104	88	54	183

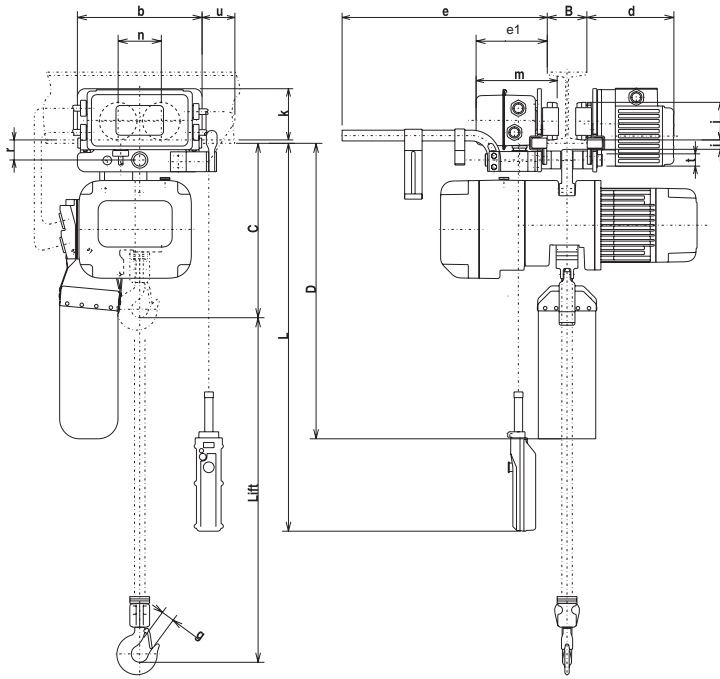
### Specifications

Model	Max. Capacity (tonne)	Std. Lift (ft)	Lift Speed (ft/min)	Hoist Motor H.P.	Min. Radius for Curve (mm)	ASME Hoist Duty Class	Max. Starts per Hour	%ED	Short Time Rating (min)	Rated Current (amps)			Ship Weight (lbs)	Load Chain Falls	Weight per Additional 5 ft of Lift (lbs)
										220V	440V	575V			
ERSG003S	0.25	10	38	0.73	1300	H4	360	60	60	4.1	2.1	1.5	97	1	2
ERSG005L	0.5	10	14	0.73	1300	H4	360	60	60	4.1	2.1	1.5	99	1	3
ERSG005S	0.5	10	30	1.2	1300	H4	360	60	60	5.5	2.8	2.1	114	1	3
ERSG010L	1	10	15	1.2	1300	H4	360	60	60	5.5	2.8	2.1	121	1	3
ERSG010S	1	10	29	2.3	1300	H4	360	60	60	10.1	5.1	3.6	165	1	5
ERSG015S	1.5	10	20	2.3	1500	H4	360	60	60	10.1	5.1	3.6	198	1	5
ERSG020L	2	10	14	2.3	1500	H4	360	60	60	10.1	5.1	3.6	200	1	8
ERSG020S	2	10	28	4.6	1500	H4	360	60	60	17.9	9	6.6	286	1	8
ERSG025S	2.5	10	23	4.6	1700	H4	360	60	60	17.9	9	6.6	310	1	8
ERSG030L	3	10	16	4.6	1700	H4	360	60	60	17.9	9	6.6	321	1	10
ERSG030S	3	10	22	6	1700	H4	360	60	60	24	12	8.6	334	1	10
ERSG050L	5	10	11	4.6	2300	H4	360	60	60	17.9	9	6.6	431	2	20



# KITO ER SERIES ELECTRIC CHAIN HOISTS

## Single Speed Hoist - Single Speed Trolley Mount



### Dimensions (mm)

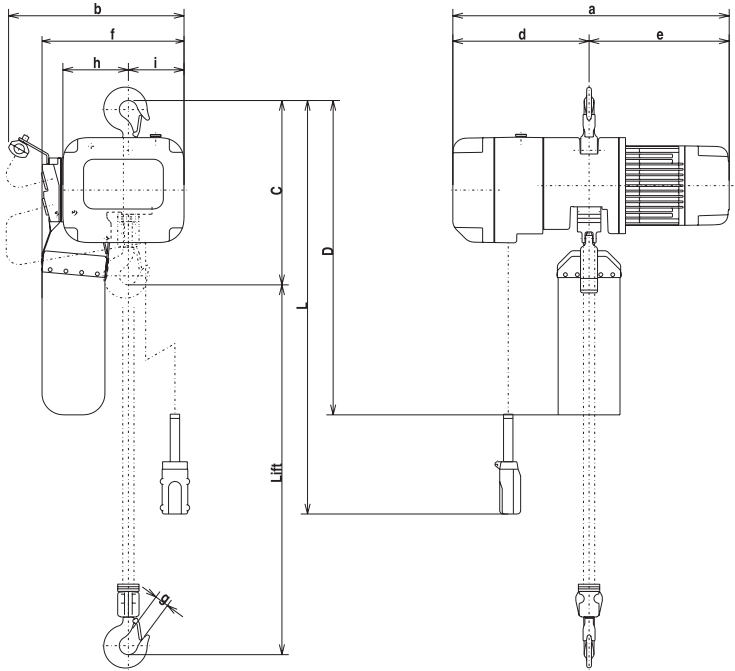
Model	C	D	b	d	e	e1	g	i	j	k	m	n	r	t	u
ERM003S	370	470	315	220	515	179	24	95	24	130	204	109	51	31	82
ERM005L	375	470	315	220	515	179	24	95	24	130	204	109	51	31	82
ERM005S	390	500	315	220	515	179	24	95	24	130	204	109	51	31	82
ERM010L	420	500	315	220	515	179	31	95	24	130	204	109	51	31	82
ERM010S	450	620	315	220	515	179	31	95	24	130	204	109	51	31	82
ERM015S	510	640	325	225	520	184	34	110	29	125	212	118	60	36	77
ERM020L	550	640	325	225	520	184	37	110	29	125	212	118	60	36	77
ERM020S	600	820	325	225	520	184	37	110	29	125	212	118	60	36	77
ERM025S	615	830	340	226	521	185	40	125	29	131	215	132	68	43	69
ERM030L	645	830	340	226	521	185	44	125	29	131	215	132	68	43	69
ERM030S	645	830	340	226	521	185	44	125	29	131	215	132	68	43	69
ERM050L	830	900	400	281	528	192	46	140	44	145	233	150	86	54	39

### Specifications

Model	Max. Capacity (tonne)	Std. Lift (ft)	Lift Speed (ft/min)	Trolley Speed (ft/min)	Min. Radius for Curve (mm)	Hoist Motor H.P.	Trolley Motor H.P.	ASME Hoist Duty Class	Max. Starts per Hour	%ED	Short Time Rating (min)	Rated Current (amps)			Ship Weight (lbs)	Load Chain Falls	Weight per Additional 5 ft of Lift (lbs)
												220V	440V	575V			
ERM003S	0.25	10	38	40 or 80	800	0.73	0.5	H4	360	60	60	7.1	3.6	2.6	136	1	2
ERM005L	0.5	10	14	40 or 80	800	0.73	0.5	H4	360	60	60	7.1	3.6	2.6	139	1	3
ERM005S	0.5	10	30	40 or 80	800	1.2	0.5	H4	360	60	60	8.5	4.3	3.2	152	1	3
ERM010L	1	10	15	40 or 80	800	1.2	0.5	H4	360	60	60	8.5	4.3	3.2	158	1	3
ERM010S	1	10	29	40 or 80	800	2.3	0.5	H4	360	60	60	13.1	6.6	4.7	202	1	5
ERM015S	1.5	10	20	40 or 80	800	2.3	0.5	H4	360	60	60	13.1	6.6	4.7	235	1	5
ERM020L	2	10	14	40 or 80	800	2.3	0.5	H4	360	60	60	13.1	6.6	4.7	238	1	8
ERM020S	2	10	28	40 or 80	800	4.6	0.5	H4	360	60	60	20.9	10.5	7.7	323	1	8
ERM025S	2.5	10	23	40 or 80	1000	4.6	0.5	H4	360	60	60	20.9	10.5	7.7	352	1	8
ERM030L	3	10	16	40 or 80	1000	4.6	0.5	H4	360	60	60	20.9	10.5	7.7	361	1	10
ERM030S	3	10	22	40 or 80	1000	6	0.5	H4	360	60	60	27	13.5	9.7	374	1	10
ERM050L	5	10	11	40 or 80	1800	4.6	1	H4	360	60	60	22.7	11.4	8.4	460	2	20

# KITO ER SERIES ELECTRIC CHAIN HOISTS

## Dual Speed Hoist - Hook Mount



### Dimensions (mm)

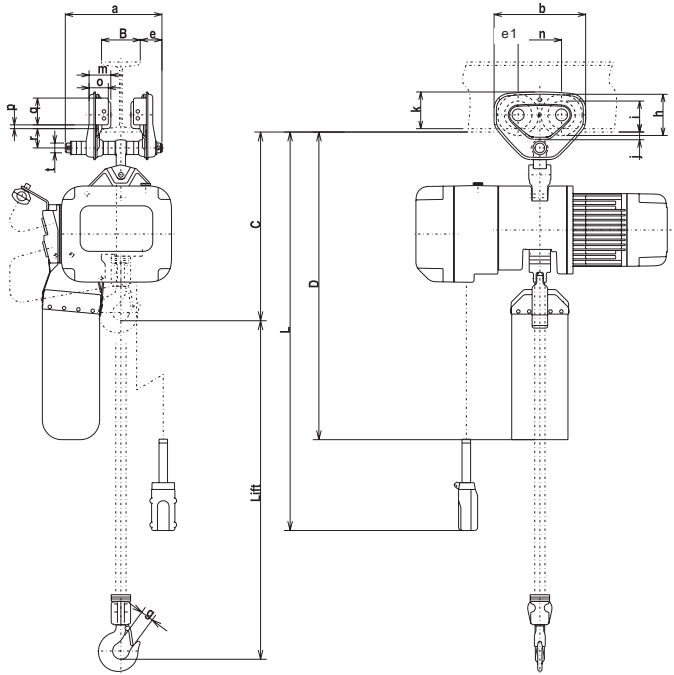
Model	C	D	a	b	d	e	f	g	h	i
ERCL003SD	1070	500	565	330	264	301	263	24	102	98
ER003SD	350	450	565	330	264	301	263	24	102	98
ER005LD	355	450	565	330	264	301	263	24	102	98
ER005SD	370	480	590	350	270	320	303	24	120	103
ER010LD	415	490	590	350	270	320	303	31	120	103
ER010SD	440	620	683	420	316	367	381	31	154	131
ER015SD	520	650	683	420	316	367	381	34	154	131
ER020LD	575	650	683	420	316	367	381	37	154	131
ER020SD	685	830	819	480	393	426	449	37	182	164
ER025SD	685	840	819	480	393	426	449	40	182	164
ER030LD	725	840	819	480	393	426	449	44	182	164
ER030SD	725	840	819	480	393	426	449	44	182	164
ER050LD	895	900	819	480	393	426	452	46	244	102

### Specifications

Model	Max. Capacity (tonne)	Std. Lift (ft)	Lift Speed (ft/min)	Hoist Motor H.P.	ASME Hoist Duty Class	Max. Starts per Hour	%ED	Short Time Rating (min)	Rated Current (amps)			Ship Weight (lbs)	Load Chain Code	Load Chain Falls	Weight per Additional 5 ft of Lift (lbs)
									220V	440V	575V				
ERCL003SD	0.25	6	28/10	0.6/0.2	H4	120/240	40/20	30/10	2.8/2.5	1.4/1.3	1.1/1.2	79	KES050	1	---
ER003SD	0.25	10	28/10	0.6/0.2	H4	120/240	40/20	30/10	2.8/2.5	1.4/1.3	1.1/1.2	79	KES050	1	2
ER005LD	0.5	10	14/5	0.6/0.2	H4	120/240	40/20	30/10	2.8/2.5	1.4/1.3	1.1/1.2	84	KES063	1	3
ER005SD	0.5	10	30/10	1.2/0.4	H4	120/240	40/20	30/10	5.5/5.0	2.8/2.5	2.0/1.4	103	KES063	1	3
ER010LD	1	10	14/5	1.2/0.4	H4	120/240	40/20	30/10	5.5/5.0	2.8/2.5	2.0/1.4	108	KES080	1	3
ER010SD	1	10	29/10	2.3/0.8	H4	120/240	40/20	30/10	8.6/5.2	4.3/2.6	3.3/2.0	152	KES080	1	5
ER015SD	1.5	10	20/7	2.3/0.8	H4	120/240	40/20	30/10	8.6/5.2	4.3/2.6	3.3/2.0	165	KES100	1	5
ER020LD	2	10	14/5	2.3/0.8	H4	120/240	40/20	30/10	8.6/5.2	4.3/2.6	3.3/2.0	167	KES100	1	8
ER020SD	2	10	28/10	4.6/1.6	H4	120/240	40/20	30/10	18.8/9.0	9.4/4.5	7.3/3.2	284	KES100	1	8
ER025SD	2.5	10	23/8	4.6/1.6	H4	120/240	40/20	30/10	18.8/9.0	9.4/4.5	7.3/3.2	295	KES112	1	8
ER030LD	3	10	16/5	4.6/1.6	H4	120/240	40/20	30/10	18.8/9.0	9.4/4.5	7.3/3.2	299	KES125	1	10
ER030SD	3	10	23/8	6.0/2.0	H4	120/240	40/20	30/10	23.3/10.3	11.7/5.2	8.9/3.8	319	KES125	1	10
ER050LD	5	10	11/4	4.6/1.6	H4	120/240	40/20	30/10	18.8/9.0	9.4/4.5	7.3/3.2	354	KES112	2	20

# KITO ER SERIES ELECTRIC CHAIN HOISTS

## Dual Speed Hoist - Plain Trolley Mount



### Dimensions (mm)

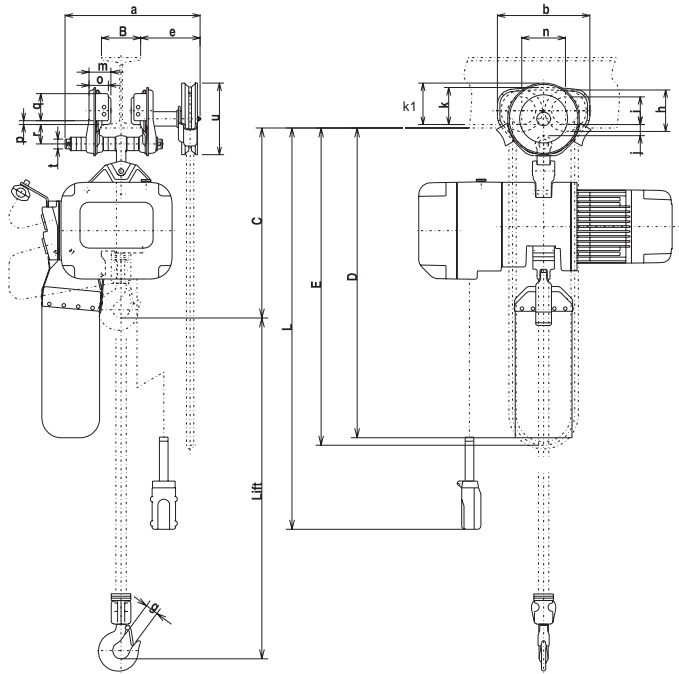
Model	C	D	a	b	e	g	h	i	j	k	m	n	o	p	q	r	t
ERCLSP003SD	1110	540	204	182	46	24	82	60	19	76	45	84	42	10	54	38	22
ERSP003SD	390	490	204	182	46	24	82	60	19	76	45	84	42	10	54	38	22
ERSP005LD	395	490	204	182	46	24	82	60	19	76	45	84	42	10	54	38	22
ERSP005SD	410	520	204	182	46	24	82	60	19	76	45	84	42	10	54	38	22
ERSP010LD	460	540	249	236	56	31	106	71	28	95	56	112	50	10	69	50	25
ERSP010SD	495	670	249	236	56	31	106	71	28	95	56	112	50	10	69	50	25
ERSP015SD	575	700	300	280	69	34	127	85	34	112	71	131	63	10	83	62	32
ERSP020LD	625	700	300	280	69	37	127	85	34	112	71	131	63	10	83	62	32
ERSP020SD	735	880	300	280	69	37	127	85	34	112	71	131	63	10	83	62	32
ERSP025SD	735	890	320	324	79	40	148	100	36	134	80	152	74	10	102	68	36
ERSP030LD	775	890	320	324	79	44	148	100	36	134	80	152	74	10	102	68	36
ERSP030SD	775	890	320	324	79	44	148	100	36	134	80	152	74	10	102	68	36
ERSP050LD	890	890	297	400	53	46	169	118	46.5	144	81	178	70	10	104	88	54

### Specifications

Model	Max. Capacity (tonne)	Std. Lift (ft)	Lift Speed (ft/min)	Hoist Motor H.P.	Min. Radius for Curve (mm)	ASME Hoist Duty Class	Max. Starts per Hour	%ED	Short Time Rating (min)	Rated Current (amps)			Ship Weight (lbs)	Load Chain Falls	Weight per Additional 5 ft of Lift (lbs)
										220V	440V	575V			
ERSPCL003SD	0.25	6	28/10	0.6/0.2	1100	H4	120/240	40/20	30/10	2.8/2.5	1.4/1.3	1.1/1.2	90	1	---
ERSP003SD	0.25	10	28/10	0.6/0.2	1100	H4	120/240	40/20	30/10	2.8/2.5	1.4/1.3	1.1/1.2	90	1	2
ERSP005LD	0.5	10	14/5	0.6/0.2	1100	H4	120/240	40/20	30/10	2.8/2.5	1.4/1.3	1.1/1.2	95	1	3
ERSP005SD	0.5	10	30/10	1.2/0.4	1100	H4	120/240	40/20	30/10	5.5/5.0	2.8/2.5	2.0/1.4	112	1	3
ERSP010LD	1	10	14/5	1.2/0.4	1300	H4	120/240	40/20	30/10	5.5/5.0	2.8/2.5	2.0/1.4	128	1	3
ERSP010SD	1	10	29/10	2.3/0.8	1300	H4	120/240	40/20	30/10	8.6/5.2	4.3/2.6	3.3/2.0	172	1	5
ERSP015SD	1.5	10	20/7	2.3/0.8	1500	H4	120/240	40/20	30/10	8.6/5.2	4.3/2.6	3.3/2.0	202	1	5
ERSP020LD	2	10	14/5	2.3/0.8	1500	H4	120/240	40/20	30/10	8.6/5.2	4.3/2.6	3.3/2.0	205	1	8
ERSP020SD	2	10	28/10	4.6/1.6	1500	H4	120/240	40/20	30/10	18.8/9.0	9.4/4.5	7.3/3.2	321	1	8
ERSP025SD	2.5	10	23/8	4.6/1.6	1700	H4	120/240	40/20	30/10	18.8/9.0	9.4/4.5	7.3/3.2	345	1	8
ERSP030LD	3	10	16/5	4.6/1.6	1700	H4	120/240	40/20	30/10	18.8/9.0	9.4/4.5	7.3/3.2	354	1	10
ERSP030SD	3	10	23/8	6.0/2.0	1700	H4	120/240	40/20	30/10	23.3/10.3	11.7/5.2	8.9/3.8	374	1	10
ERSP050LD	5	10	11/4	4.6/1.6	2300	H4	120/240	40/20	30/10	18.8/9.0	9.4/4.5	7.3/3.2	462	2	20

# KITO ER SERIES ELECTRIC CHAIN HOISTS

## Dual Speed Hoist - Geared Trolley Mount



### Dimensions (mm)

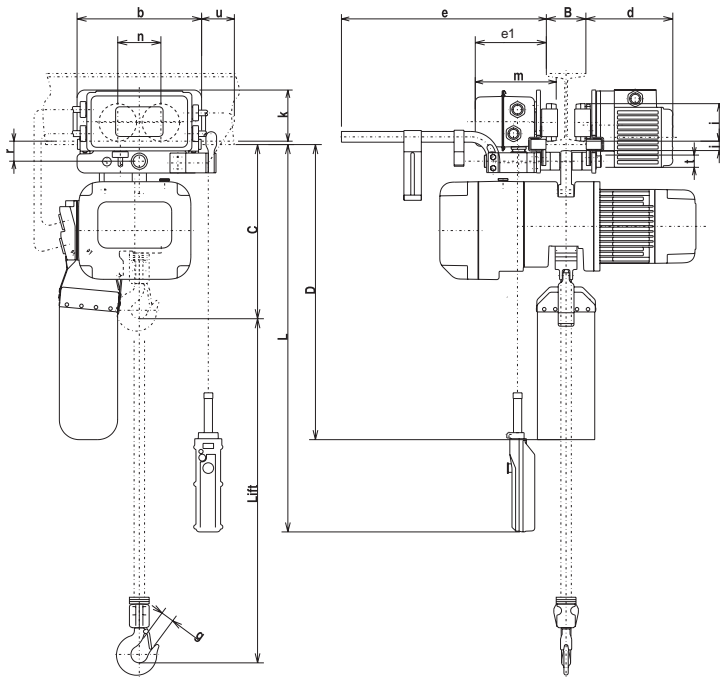
Model	C	D	E	a	b	e	g	h	i	j	k	k1	m	n	o	p	q	r	t	u
ERSG003SD	410	510	3700	345	236	152	24	106	71	28	95	106	45	112	50	10	69	50	25	183
ERSG005LD	415	510	3700	345	236	152	24	106	71	28	95	106	45	112	50	10	69	50	25	183
ERSG005SD	430	540	3700	345	236	152	24	106	71	28	95	106	45	112	50	10	69	50	25	183
ERSG010LD	460	540	3700	345	236	152	31	106	71	28	95	106	45	112	50	10	69	50	25	183
ERSG010SD	495	670	3700	345	236	152	31	106	71	28	95	106	45	112	50	10	69	50	25	183
ERSG015SD	575	700	3700	385	280	154	34	127	85	34	112	109	56	131	63	10	83	62	32	183
ERSG020LD	625	700	3700	385	280	154	37	127	85	34	112	109	56	131	63	10	83	62	32	183
ERSG020SD	735	880	3700	385	280	154	37	127	85	34	112	109	56	131	63	10	83	62	32	183
ERSG025SD	735	890	3700	398	324	157	40	148	100	36	134	114	71	152	74	10	102	68	36	183
ERSG030LD	775	890	3700	398	324	157	44	148	100	36	134	114	71	152	74	10	102	68	36	183
ERSG030SD	775	890	3700	398	324	157	44	148	100	36	134	114	71	152	74	10	102	68	36	183
ERSG050LD	890	890	4200	401	400	156	46	169	118	46.5	144	131	81	178	70	10	104	88	54	183

### Specifications

Model	Max. Capacity (tonne)	Std. Lift (ft)	Lift Speed (ft/min)	Hoist Motor H.P.	Min. Radius for Curve (mm)	ASME Hoist Duty Class	Max. Starts per Hour	%ED	Short Time Rating (min)	Rated Current (amps)			Ship Weight (lbs)	Load Chain Falls	Weight per Additional 5 ft of Lift (lbs)
										220V	440V	575V			
ERSG003SD	0.25	10	28/10	0.6/0.2	1300	H4	120/240	40/20	30/10	2.8/2.5	1.4/1.3	1.1/1.2	108	1	2
ERSG005LD	0.5	10	14/5	0.6/0.2	1300	H4	120/240	40/20	30/10	2.8/2.5	1.4/1.3	1.1/1.2	112	1	3
ERSG005SD	0.5	10	30/10	1.2/0.4	1300	H4	120/240	40/20	30/10	5.5/5.0	2.8/2.5	2.0/1.4	132	1	3
ERSG010LD	1	10	14/5	1.2/0.4	1300	H4	120/240	40/20	30/10	5.5/5.0	2.8/2.5	2.0/1.4	139	1	3
ERSG010SD	1	10	29/10	2.3/0.8	1300	H4	120/240	40/20	30/10	8.6/5.2	4.3/2.6	3.3/2.0	183	1	5
ERSG015SD	1.5	10	20/7	2.3/0.8	1500	H4	120/240	40/20	30/10	8.6/5.2	4.3/2.6	3.3/2.0	213	1	5
ERSG020LD	2	10	14/5	2.3/0.8	1500	H4	120/240	40/20	30/10	8.6/5.2	4.3/2.6	3.3/2.0	216	1	8
ERSG020SD	2	10	28/10	4.6/1.6	1500	H4	120/240	40/20	30/10	18.8/9.0	9.4/4.5	7.3/3.2	332	1	8
ERSG025SD	2.5	10	23/8	4.6/1.6	1700	H4	120/240	40/20	30/10	18.8/9.0	9.4/4.5	7.3/3.2	356	1	8
ERSG030LD	3	10	16/5	4.6/1.6	1700	H4	120/240	40/20	30/10	18.8/9.0	9.4/4.5	7.3/3.2	365	1	10
ERSG030SD	3	10	23/8	6.0/2.0	1700	H4	120/240	40/20	30/10	23.3/10.3	11.7/5.2	8.9/3.8	385	1	10
ERSG050LD	5	10	11/4	4.6/1.6	2300	H4	120/240	40/20	30/10	18.8/9.0	9.4/4.5	7.3/3.2	477	2	20

# KITO ER SERIES ELECTRIC CHAIN HOISTS

## Dual Speed Hoist - Single Speed Trolley Mount



### Dimensions (mm)

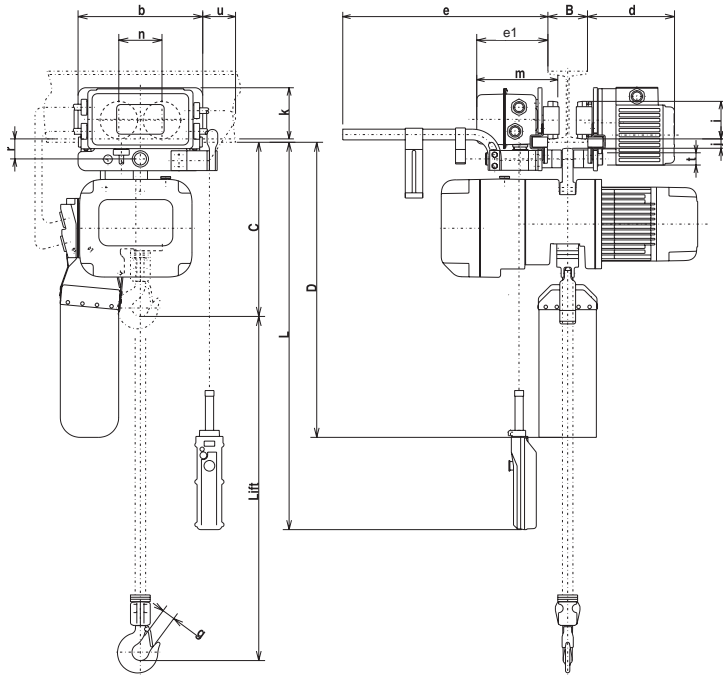
Model	C	D	b	d	e	e1	g	i	j	k	m	n	r	t	u
ERM003SD	370	470	315	220	515	179	24	95	24	130	204	109	51	31	82
ERM005LD	375	470	315	220	515	179	24	95	24	130	204	109	51	31	82
ERM005SD	390	500	315	220	515	179	24	95	24	130	204	109	51	31	82
ERM010LD	420	500	315	220	515	179	31	95	24	130	204	109	51	31	82
ERM010SD	450	620	315	220	515	179	31	95	24	130	204	109	51	31	82
ERM015SD	510	640	325	225	520	184	34	110	29	125	212	118	60	36	77
ERM020LD	565	640	325	225	520	184	37	110	29	125	212	118	60	36	77
ERM020SD	675	820	325	225	520	184	37	110	29	125	212	118	60	36	77
ERM025SD	675	830	340	226	521	185	40	125	29	131	215	132	68	43	69
ERM030LD	710	830	340	226	521	185	44	125	29	131	215	132	68	43	69
ERM030SD	710	830	340	226	521	185	44	125	29	131	215	132	68	43	69
ERM050LD	890	900	400	281	528	192	46	140	44	145	233	150	86	54	39

### Specifications

Model	Max. Capacity (tonne)	Std. Lift (ft)	Lift Speed (ft/min)	Trolley Speed (ft/min)	Min. Radius for Curve (mm)	Hoist Motor H.P.	Trolley Motor H.P.	ASME Hoist Duty Class	Max. Starts per Hour	%ED	Short Time Rating (min)	Rated Current (amps)			Ship Weight (lbs)	Load Chain Falls	Weight per Additional 5 ft of Lift (lbs)
												220V	440V	575V			
ERM003SD	0.25	10	28/10	40 or 80	800	0.6/0.2	0.5	H4	120/240	40/20	30/10	5.8/5.5	2.9/2.8	2.2/2.3	147	1	2
ERM005LD	0.5	10	14/5	40 or 80	800	0.6/0.2	0.5	H4	120/240	40/20	30/10	5.8/5.5	2.9/2.8	2.2/2.3	152	1	3
ERM005SD	0.5	10	30/10	40 or 80	800	1.2/0.4	0.5	H4	120/240	40/20	30/10	8.5/8	4.3/4	3.1/2.5	169	1	3
ERM010LD	1	10	14/5	40 or 80	800	1.2/0.4	0.5	H4	120/240	40/20	30/10	8.5/8	4.3/4	3.1/2.5	176	1	3
ERM010SD	1	10	29/10	40 or 80	800	2.3/0.8	0.5	H4	120/240	40/20	30/10	11.6/8.2	5.8/4.1	4.4/3.1	220	1	5
ERM015SD	1.5	10	20/7	40 or 80	800	2.3/0.8	0.5	H4	120/240	40/20	30/10	11.6/8.2	5.8/4.1	4.4/3.1	251	1	5
ERM020LD	2	10	14/5	40 or 80	800	2.3/0.8	0.5	H4	120/240	40/20	30/10	11.6/8.2	5.8/4.1	4.4/3.1	253	1	8
ERM020SD	2	10	28/10	40 or 80	800	4.6/1.6	0.5	H4	120/240	40/20	30/10	21.8/12	10.9/6	8.4/4.3	370	1	8
ERM025SD	2.5	10	23/8	40 or 80	1000	4.6/1.6	0.5	H4	120/240	40/20	30/10	21.8/12	10.9/6	8.4/4.3	398	1	8
ERM030LD	3	10	16/5	40 or 80	1000	4.6/1.6	0.5	H4	120/240	40/20	30/10	21.8/12	10.9/6	8.4/4.3	416	1	10
ERM030SD	3	10	23/8	40 or 80	1000	6.0/2.0	0.5	H4	120/240	40/20	30/10	26.3/13.3	13.2/6.7	10/4.9	425	1	10
ERM050LD	5	10	11/4	40 or 80	1800	4.6/1.6	1	H4	120/240	40/20	30/10	23.6/13.8	11.8/6.9	9.1/5	506	2	20

# KITO ER SERIES ELECTRIC CHAIN HOISTS

## Dual Speed Hoist - Dual Speed Trolley Mount



### Dimensions (mm)

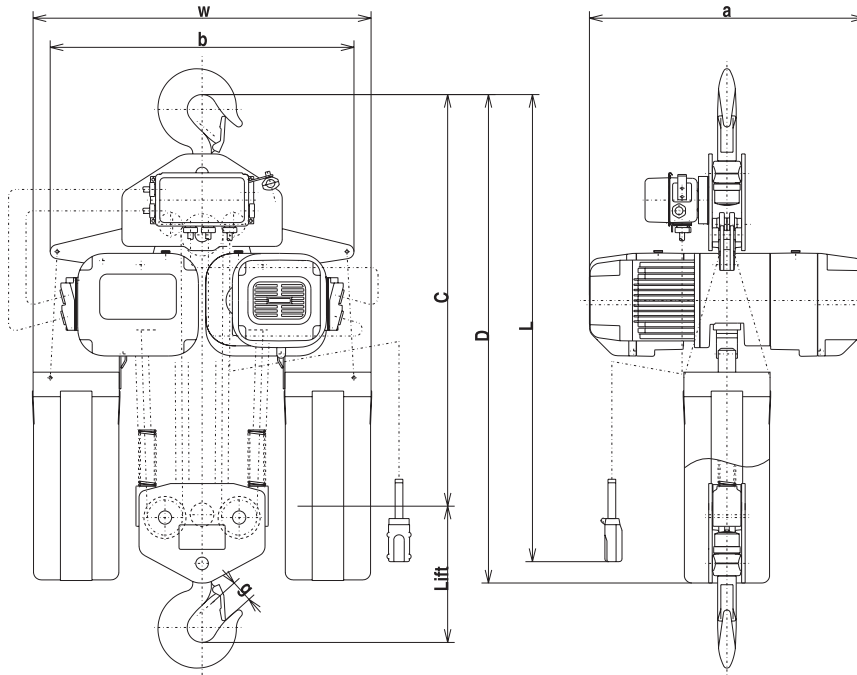
Model	C	D	b	d	e	e1	g	i	j	k	m	n	r	t	u
ERMD003SD	370	470	315	268	515	179	24	95	24	130	204	109	51	31	82
ERMD005LD	375	470	315	268	515	179	24	95	24	130	204	109	51	31	82
ERMD005SD	390	500	315	268	515	179	24	95	24	130	204	109	51	31	82
ERMD010LD	420	500	315	268	515	179	31	95	24	130	204	109	51	31	82
ERMD010SD	450	620	315	268	515	179	31	95	24	130	204	109	51	31	82
ERMD015SD	510	640	325	273	520	184	34	110	29	125	212	118	60	36	77
ERMD020LD	565	640	325	273	520	184	37	110	29	125	212	118	60	36	77
ERMD020SD	675	820	325	273	520	184	37	110	29	125	212	118	60	36	77
ERMD025SD	675	830	340	274	521	185	40	125	29	131	215	132	68	43	69
ERMD030LD	710	830	340	274	521	185	44	125	29	131	215	132	68	43	69
ERMD030SD	710	830	340	274	521	185	44	125	29	131	215	132	68	43	69
ERMD050LD	890	900	400	281	528	192	46	140	44	145	233	150	86	54	39

### Specifications

Model	Max. Capacity (tonne)	Std. Lift (ft)	Lift Speed (ft/min)	Trolley Speed (ft/min)	Min. Radius for Curve (mm)	Hoist Motor H.P.	Trolley Motor H.P.	ASME Hoist Duty Class	Max. Starts per Hour	%ED	Short Time Rating (min)	Rated Current (amps)			Ship Weight (lbs)	Load Chain Falls	Weight per Additional 5 ft of Lift (lbs)
												220V	440V	575V			
ERMD003SD	0.25	10	28/10	20/80	800	0.6/0.2	0.4/0.1	H4	120/240	40/20	30/10	5.6/4.6	2.8/2.3	2.2/2	156	1	2
ERMD005LD	0.5	10	14/5	20/80	800	0.6/0.2	0.4/0.1	H4	120/240	40/20	30/10	5.6/4.6	2.8/2.3	2.2/2	161	1	3
ERMD005SD	0.5	10	30/10	20/80	800	1.2/0.4	0.4/0.1	H4	120/240	40/20	30/10	8.3/7.1	4.2/3.5	3.1/2.2	178	1	3
ERMD010LD	1	10	14/5	20/80	800	1.2/0.4	0.4/0.1	H4	120/240	40/20	30/10	8.3/7.1	4.2/3.5	3.1/2.2	185	1	3
ERMD010SD	1	10	29/10	20/80	800	2.3/0.8	0.4/0.1	H4	120/240	40/20	30/10	11.4/7.3	5.7/3.6	4.4/2.8	229	1	5
ERMD015SD	1.5	10	20/7	20/80	800	2.3/0.8	0.4/0.1	H4	120/240	40/20	30/10	11.4/7.3	5.7/3.6	4.4/2.8	260	1	5
ERMD020LD	2	10	14/5	20/80	800	2.3/0.8	0.4/0.1	H4	120/240	40/20	30/10	11.4/7.3	5.7/3.6	4.4/2.8	262	1	8
ERMD020SD	2	10	28/10	20/80	800	4.6/1.6	0.4/0.1	H4	120/240	40/20	30/10	21.6/11.1	10.8/5.5	8.4/4	378	1	8
ERMD025SD	2.5	10	23/8	20/80	1000	4.6/1.6	0.8/0.2	H4	120/240	40/20	30/10	22.2/12	11.1/6	8.6/4.3	405	1	8
ERMD030LD	3	10	16/5	20/80	1000	4.6/1.6	0.8/0.2	H4	120/240	40/20	30/10	22.2/12	11.1/6	8.6/4.3	411	1	10
ERMD030SD	3	10	23/8	20/80	1000	6.0/2.0	0.8/0.2	H4	120/240	40/20	30/10	26.7/13.3	13.4/6.7	10.2/4.9	431	1	10
ERMD050LD	5	10	11/4	20/80	1800	4.6/1.6	0.8/0.2	H4	120/240	40/20	30/10	22.2/12	11.1/6	8.6/4.3	515	2	20

# KITO ER SERIES ELECTRIC CHAIN HOISTS

Large Capacity - Single Speed Hoist - Hook Mount



**Dimensions (mm)**

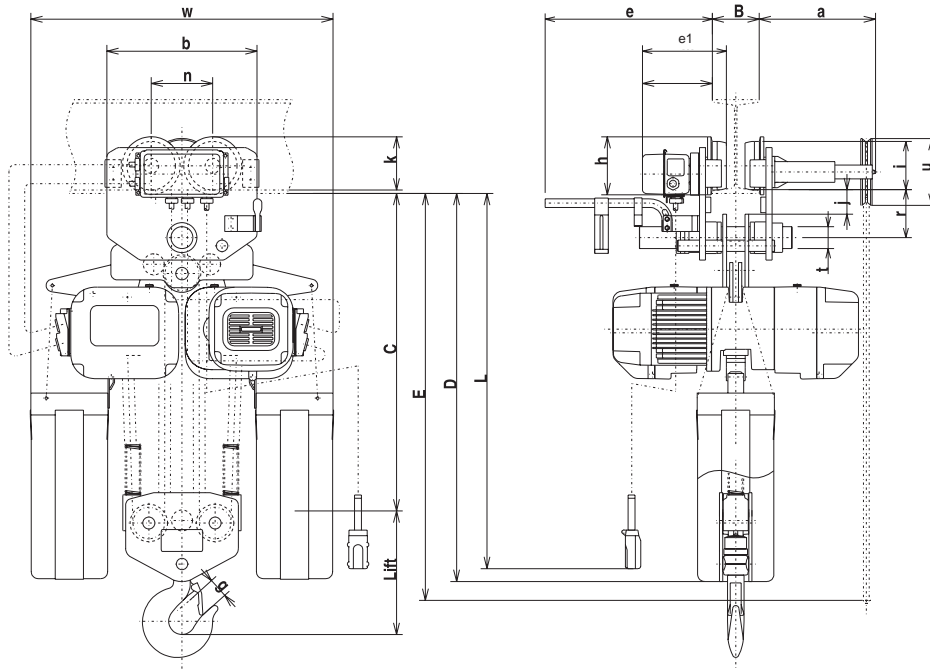
Model	C	D	a	b	W	g
ER100S	1335	1190	786	868	966	62
ER150S	1545	1270	786	1050	1148	79
ER200S	1650	1350	786	1246	1344	86

**Specifications**

Model	Max. Capacity (tonne)	Std. Lift (ft)	Lift Speed (ft/min)	Hoist Motor H.P.	ASME Hoist Duty Class	Max. Starts per Hour	%ED	Short Time Rating (min)	Rated Current (amps)			Ship Weight (lbs)	Load Chain Code	Load Chain Falls	Weight per Additional 5 ft of Lift (lbs)
									220V	440V	575V				
ER100S	10	10	13	6 x 2	H4	360	60	60	48	24	17.2	759	KES112	4	44
ER150S	15	10	9	6 x 2	H4	360	60	60	48	24	17.2	997	KES112	6	67
ER200S	20	10	7	6 x 2	H4	360	60	60	48	24	17.2	1190	KES112	8	87

# KITO ER SERIES ELECTRIC CHAIN HOISTS

Large Capacity - Single Speed Hoist - Geared Trolley Mount



**Dimensions (mm)**

Model	C	D	E	a	b	d	e	e1	g	h	i	j	k	m	n	r	t	u	w
ERSG075S	1210	1030	3200	372	480	284	531	---	62	185	155	88	171	---	197	153	70	214	654
ERSG100L	1160	1030	3200	372	480	284	531	---	62	185	155	78	171	---	197	153	70	214	723
ERSG100S	1175	1030	3200	372	480	284	531	223	62	185	155	78	171	269	197	153	70	214	966
ERSG150S	1305	1040	3700	372	1000	284	531	223	79	185	155	83	171	269	520	153	70	214	1148
ERSG200S	1340	1040	3700	372	1000	284	531	223	86	185	155	78	171	269	520	153	70	214	1344

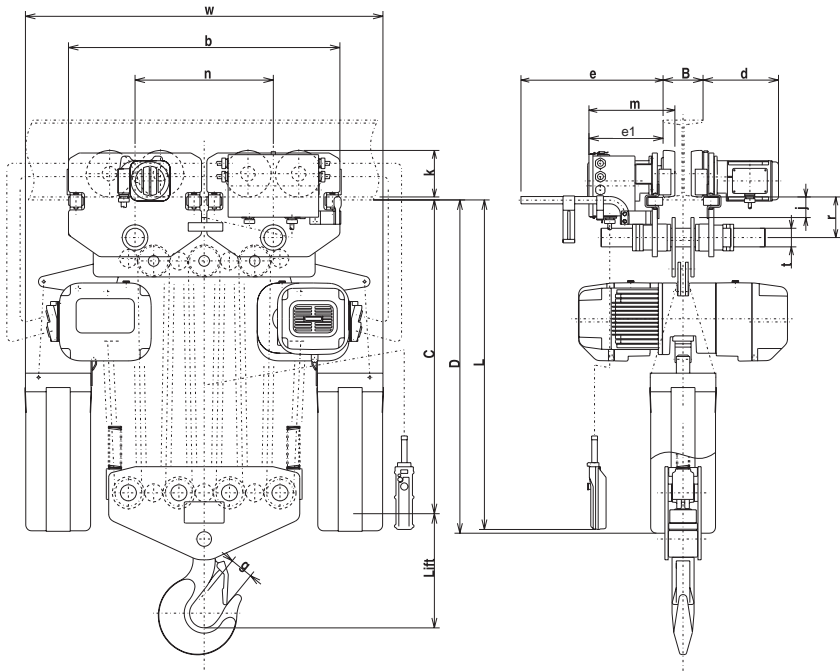
**Specifications**

Model	Max. Capacity (tonne)	Std. Lift (ft)	Lift Speed (ft/min)	Hoist Motor H.P.	Min. Radius for Curve (mm)	ASME Hoist Duty Class	Max. Starts per Hour	%ED	Short Time Rating (min)	Rated Current (amps)			Ship Weight (lbs)	Load Chain Code	Load Chain Falls	Weight per Additional 5 ft of Lift (lbs)
										220V	440V	575V				
ERSG075S	7.5	10	9	6	3000	H4	360	60	60	24	12	8.6	649	KES112	3	33
ERSG100L	10	10	6	6	3000	H4	360	60	60	24	12	8.6	708	KES112	4	44
ERSG100S	10	10	13	6 x 2	3000	H4	360	60	60	48	24	17.2	942	KES112	4	44
ERSG150S	15	10	9	6 x 2	---	H4	360	60	60	48	24	17.2	1327	KES112	6	67
ERSG200S	20	10	7	6 x 2	---	H4	360	60	60	48	24	17.2	1450	KES112	8	87



# KITO ER SERIES ELECTRIC CHAIN HOISTS

Large Capacity - Single Speed Hoist - Single Speed Trolley Mount



### Dimensions (mm)

Model	C	D	b	d	e	e1	g	j	k	m	n	r	t	w
ERM075S	1210	1030	500	284	531	223	62	88	175	268	191	153	70	664
ERM100L	1160	1030	500	284	531	223	62	78	175	268	191	153	70	733
ERM100S	1175	1030	500	284	531	223	62	78	175	268	191	153	70	966
ERM150S	1305	1040	1020	284	531	223	79	83	175	268	520	153	70	1148
ERM200S	1340	1040	1020	284	531	223	86	78	175	268	520	153	70	1344

### Specifications

Model	Max. Capacity (tonne)	Std. Lift (ft)	Lift Speed (ft/min)	Trolley Speed (ft/min)	Min. Radius for Curve (mm)	Hoist Motor H.P.	Trolley Motor H.P.	ASME Hoist Duty Class	Max. Starts per Hour	%ED	Short Time Rating (min)	Rated Current (amps)			Ship Weight (lbs)	Load Chain Falls	Weight per Additional 5 ft of Lift (lbs)
												220V	440V	575V			
ERM075S	7.5	10	9	40	2500	6	1	H4	360	60	60	28.8	14.4	10.4	662	3	33
ERM100L	10	10	6	40	2500	6	1	H4	360	60	60	28.8	14.4	10.4	719	4	44
ERM100S	10	10	13	40	2500	6 x 2	1	H4	360	60	60	52.8	26.4	19	942	4	44
ERM150S	15	10	9	40	---	6 x 2	1 x 2	H4	360	60	60	57.6	28.8	20.8	1327	6	67
ERM200S	20	10	7	40	---	6 x 2	1 x 2	H4	360	60	60	57.6	28.8	20.8	1450	8	87

# KITO EFS SERIES ELECTRIC CHAIN HOISTS

MAXIMUM RELIABILITY

1/4 to 2 metric tonne capacity, single phase (115V) hoists for everyday shop use

KITO EFS Series Electric Chain Hoists are engineered for daily use in shop, farm, or light industry. EFS chain hoists feature advanced hoist technology, easy serviceability, and industry-leading quality.

## Features

- Load-bearing parts are only stressed to 20% of their limit at rated capacity
- Abrasion resistant, case-hardened load chain is made from heat-treated alloy steel for high, uniform strength
- Forged carbon steel hook design will not fracture under excessive load
- Advanced fail-safe pull rotor brake is electrically activated and requires no adjustment
- Spur gears immersed in oil bath ensure quiet, smooth operation and long life
- Unique chain guide design for smooth chain travel
- Slip clutch protects the hoist against over-travel and over-load damage
- 360° swivel bottom hook with built-in bearing, for easy positioning
- Weathertight construction resists dust and water
- High capacity condensers for long life



## Options

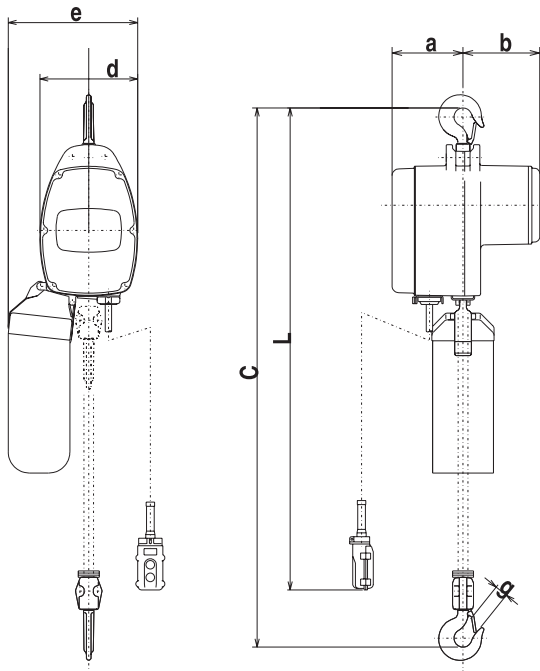
- Chain bag keeps chain clean and out of the way
- Plated chain for corrosive environments
- Custom lift lengths to suit your requirements
- Plain or Geared trolley mount for improved load control

## Specifications

- Safety Standard: ASME B30.16
- Performance Standard: ASME HST-1
- Hoist Classification: ASME H3
- Test Load: 125% of Rated Capacity
- Chain Type: Grade 80, Case Hardened
- Electrical Certification: CSA
- Environmental Protection: IP55
- Motor Type: TE Squirrel Cage
- Motor Insulation: Class A

# KITO EFS SERIES ELECTRIC CHAIN HOISTS

## Single Speed Hoist - Hook Mount



### Dimensions (mm)

Model	C	a	b	d	e	g
EFS003S	508	242	152	178	279	29
EFS005L	552	242	152	178	279	29
EFS005S	559	224	171	222	387	29
EFS010L	635	224	171	222	387	32
EFS010S	629	224	191	235	413	32
EFS020L	800	224	191	254	432	38

### Specifications

Model	Max. Capacity (tonne)	Std. Lift (ft)	Lift Speed (ft/min)	Hoist Motor H.P.	ASME Hoist Duty Class	Max. Starts per Hour	%ED	Short Time Rating (min)	Rated Current 115V (amps)	Ship Weight (lbs)	Load Chain Code	Load Chain Falls	Max. Lift (ft)	Weight per Additional 5 ft of Lift (lbs)
EFS003S	0.25	10	16	0.33	H3	150	25	15	6.8	80	KES050	1	50	3
EFS005L	0.5	10	7	0.33	H3	150	25	15	6.8	90	KES050	2	50	5
EFS005S	0.5	10	14	0.53	H3	150	25	15	11.8	110	KES063	1	50	4
EFS010L	1	10	5	0.53	H3	150	25	15	11.8	120	KES063	2	50	7
EFS010S	1	10	9	0.73	H3	150	25	15	12.1	145	KES071	1	50	5
EFS020L	2	10	5	0.73	H3	150	25	15	12.1	155	KES071	2	50	9

# KITO ED SERIES ELECTRIC CHAIN HOISTS

MAXIMUM SPEED

60 to 240 KGS capacity, single phase (115V) high speed, portable hoists for light manufacturing use

KITO ED Series Electric Chain Hoists are engineered for light weight, high-speed lifting with the flexibility of variable speeds. ED hoists are small enough to be portable, and they feature advanced hoist technology, easy serviceability, and industry-leading quality.

## Features

- Load-bearing parts are only stressed to 20% of their limit at rated capacity
- Abrasion resistant, case-hardened load chain is made from heat-treated alloy steel for high, uniform strength
- Plated chain for corrosion resistance
- Forged carbon steel hook design will not fracture under excessive load
- Double braking system includes both mechanical and regenerative brakes for added safety
- Spur gears immersed in oil bath ensure quiet, smooth operation and long life
- Unique chain guide design for smooth chain travel
- Slip clutch protects the hoist against overtravel and overload damage
- 360° swivel bottom hook with built-in bearing, for easy positioning
- Weathertight construction resists dust and water
- Variable high speeds up to 79 ft/min – use the best lift speed for the job
- Compact and lightweight design is ideal for use in close quarters – small enough to be portable
- Low voltage pendant control for your safety

## Options

- Dual speed units for increased productivity
- Ergonomic cylinder control for easy one-handed operation
- Chain bag keeps chain clean and out of the way
- Custom lift lengths to suit your requirements
- Plain trolley mount for improved load control

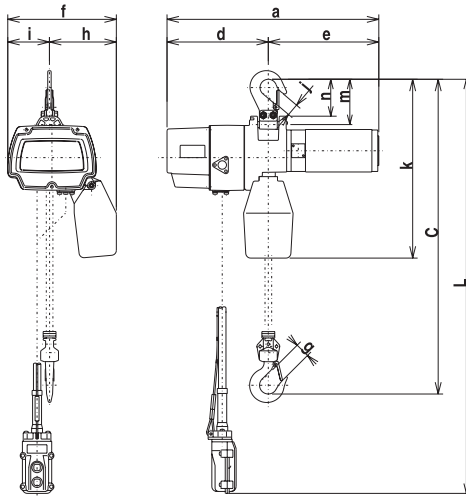
## Specifications

- Safety Standard: ASME B30.16
- Performance Standard: ASME HST-1
- Hoist Classification: ASME H3 (180Kg Capacity - ASME H2)
- Test Load: 125% of Rated Capacity
- Chain Type: Grade 80, Case Hardened, Plated
- Electrical Certification: CSA
- Environmental Protection: IP44
- Motor Type: DC
- Motor Insulation: Class F



# KITO ED SERIES ELECTRIC CHAIN HOISTS

## Single/Dual Speed Hoist - Hook Mount



### Dimensions (mm)

Model	C	a	b	e	f	h	i	g	j	k	m	n
EDL06S	300	371	187	184	200	120	80	27	25	340	92	73
EDL10S	300	371	187	184	200	120	80	27	25	340	92	73
EDL16S	325	428	205	223	219	135	84	27	25	362	92	73
EDL18S	300	371	187	184	200	120	80	27	25	340	92	73
EDL24S	325	428	205	223	219	135	84	27	25	362	92	73
EDL06ST	300	371	187	184	200	120	80	27	25	340	92	73
EDL10ST	300	371	187	184	200	120	80	27	25	340	92	73
EDL16ST	325	428	205	223	219	135	84	27	25	362	92	73
EDL18ST	300	371	187	184	200	120	80	27	25	340	92	73
EDL24ST	325	428	205	223	219	135	84	27	25	362	92	73

### Cylinder Control

EDCL06SD	925	371	187	184	200	120	80	27	25	340	92	73
EDCL10SD	925	371	187	184	200	120	80	27	25	340	92	73
EDCL16SD	955	428	205	223	219	135	84	27	25	362	92	73
EDCL18SD	925	371	187	184	200	120	80	27	25	340	92	73
EDCL24SD	955	428	205	223	219	135	84	27	25	362	92	73

### Specifications

Model	Max. Capacity (kgs)	Std. Lift (ft)	Lift Speed (ft/min)	Hoist Motor H.P.	ASME Hoist Duty Class	Max. Starts per Hour	%ED	Short Time Rating (min)	Rated Current 120V (amps)	Ship Weight (lbs)	Load Chain Code	Load Chain Falls	Max. Lift (ft)	Weight per Additional 5 ft of Lift (lbs)
EDL06S	60	10	79	0.39	H3	180	30	15	5	25	KED040	1	20	2
EDL10S	100	10	49	0.39	H3	180	30	15	5	25	KED040	1	20	2
EDL16S	160	10	66	0.78	H3	180	30	20	10	36	KED040	1	100	2
EDL18S	180	10	26	0.39	H2	120	20	10	6	27	KED040	1	20	2
EDL24S	240	10	44	0.78	H3	180	30	20	10	36	KED040	1	100	2
EDL06ST	60	10	79/13	0.39	H3	180	30	15	5	27	KED040	1	20	2
EDL10ST	100	10	49/10	0.39	H3	180	30	15	5	27	KED040	1	20	2
EDL16ST	160	10	66/13	0.78	H3	180	30	20	10	37	KED040	1	65	2
EDL18ST	180	10	26/10	0.39	H2	120	20	10	6	28	KED040	1	20	2
EDL24ST	240	10	44/10	0.78	H3	180	30	20	10	37	KED040	1	65	2

### Cylinder Control

EDCL06SD	60	6	79/13	0.39	H3	180	30	15	5	31	KED040	1	6	---
EDCL10SD	100	6	49/10	0.39	H3	180	30	15	5	31	KED040	1	6	---
EDCL16SD	160	6	66/13	0.78	H3	180	30	20	10	45	KED040	1	6	---
EDCL18SD	180	6	26/10	0.39	H2	120	20	10	6	33	KED040	1	6	---
EDCL24SD	240	6	44/10	0.78	H3	180	30	20	10	45	KED040	1	6	---

# KITO TCR SERIES AIR POWERED CHAIN HOISTS

MAXIMUM PRODUCTIVITY

1/2 to 6 metric tonne capacity, accurate, reliable hoists for industrial and shop use

The TCR series of air hoists feature a host of advantages to increase your productivity. Compact and highly durable, these quiet-to-operate air hoists perform fine feathering movements and precise load spotting without electrical hazard.

## Features

- Load-bearing parts are only stressed to 20% of their limit at rated capacity
- Abrasion resistant, case-hardened load chain is made from heat-treated alloy steel for high, uniform strength
- Forged carbon steel hook design will not fracture under excessive load
- Reliable non-asbestos, self adjusting brake
- Built-in load limiter automatically stops lifting when load is over the rated capacity
- Upper and lower limit stops prevent over-travel in up or down direction
- 360° swivel bottom hook with built-in bearing, for easy positioning
- Weathertight construction resists dust and water, reliable in harsh environments
- Fine feathering movement with precision starting and stopping
- Quiet operation with external muffler
- 100% duty cycle multi-vane motor
- Full range variable speed control for increased productivity
- Filter/Lubricator included with each unit



## Options

- Pendant or cord control to meet your needs
- Chain bag keeps chain clean and out of the way
- Custom lift lengths to suit your requirements
- Plain or Geared trolley mount for improved load control

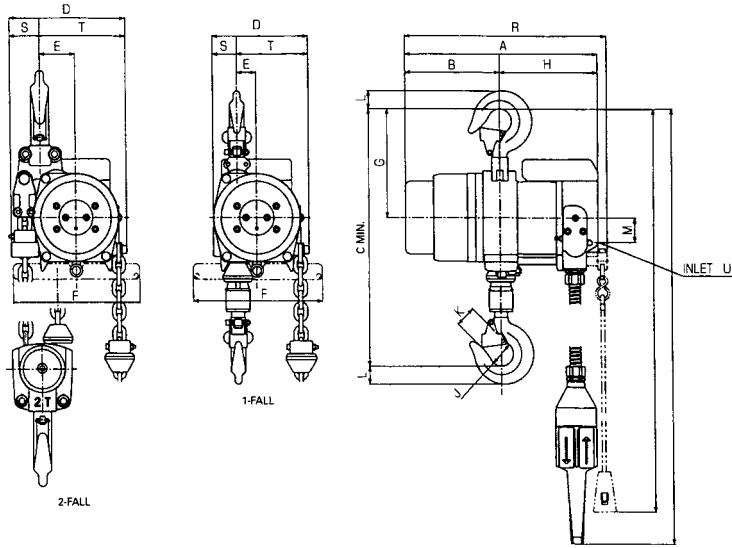
## Specifications

- Safety Standard: ASME B30.16
- Performance Standard: ASME HST-5
- Test Load: 125% of Rated Capacity
- Chain Type: Grade 80, Case Hardened
- Noise Level: 80.5 dBA at 1 metre
- Air Pressure: 90 PSI



# KITO TCR SERIES AIR POWERED CHAIN HOISTS

## Variable Speed Hoist - Hook Mount



### Dimensions (mm)

Model	C	A	B	D	E	F	G	H	J	K	L	M	R	S	T	U
<b>Pendant Control</b>																
TCR500P	462	320	154.9	149.9	33	---	177.8	165.1	40.6	33	27.9	40.6	---	40.6	109.2	1/2"
TCR1000P2	519	320	154.9	180.3	55.9	---	177.8	165.1	40.6	33	27.9	40.6	---	40.6	132.1	1/2"
TCR1000P	466	320	154.9	157.5	33	---	177.8	165.1	40.6	33	27.9	40.6	---	40.6	116.8	1/2"
TCR2000P2	553	320	154.9	193	58.4	---	203.2	165.1	45.7	33	38.1	40.6	---	50.8	144.8	1/2"
TCR3000P	563.9	429.3	203.2	243.8	43.2	---	248.9	228.6	50.8	40.6	45.7	40.6	---	48.3	167.6	3/4"
TCR6000P2	673.1	429.3	203.2	243.8	86.4	---	274.3	228.6	66	50.8	48.3	40.6	---	63.5	210.8	3/4"
<b>Cord Control</b>																
TCR500C	462	320	154.9	149.9	33	210.8	177.8	165.1	40.6	33	27.9	40.6	355.6	40.6	109.2	1/2"
TCR1000C2	519	320	154.9	180.3	55.9	210.8	177.8	165.1	40.6	33	27.9	40.6	355.6	40.6	132.1	1/2"
TCR1000C	466	320	154.9	157.5	33	210.8	177.8	165.1	40.6	33	27.9	40.6	355.6	40.6	116.8	1/2"
TCR2000C2	553	320	154.9	193	58.4	210.8	203.2	165.1	45.7	33	38.1	40.6	355.6	50.8	144.8	1/2"
TCR3000C	563.9	429.3	203.2	243.8	43.2	210.8	248.9	228.6	50.8	40.6	45.7	40.6	464.8	48.3	167.6	3/4"
TCR6000C2	673.1	429.3	203.2	243.8	86.4	210.8	274.3	228.6	66	50.8	48.3	40.6	464.8	63.5	210.8	3/4"

### Specifications

Model	Max. Capacity (tonne)	Std. Lift (ft)	Ship Weight (lbs)	Maximum Speed - 90 PSI (ft/min)				Max. Lift (ft)		Load Chain Code	Load Chain Falls	Weight per Additional 5 ft of Lift (lbs)	Air Consumption (CFM at 90 PSI)	
				Up		Down		Chain	Pendant				Up w/Load	Down w/Load
				w/Load	w/o Load	w/Load	w/o Load							
<b>Pendant Control</b>														
TCR500P	0.5	10	68	34	68	58	44	130	20	KES063	1	4	53	57
TCR1000P2	1	10	76	17	34	30	22	65	20	KES063	2	8	53	57
TCR1000P	1	10	74	20	37	34	22	130	20	KES071	1	5	53	60
TCR2000P2	2	10	87	10	19	17	11	65	20	KES071	2	10	53	60
TCR3000P	3	10	151	9	18	15	11	130	25	KES112	1	11	71	74
TCR6000P2	6	10	197	4.6	9	7.5	5.6	65	25	KES112	2	22	71	74
<b>Cord Control</b>														
TCR500C	0.5	10	68	34	68	58	44	130	--	KES063	1	4	53	57
TCR1000C2	1	10	76	17	34	30	22	65	--	KES063	2	8	53	57
TCR1000C	1	10	74	20	37	34	22	130	--	KES071	1	5	53	60
TCR2000C2	2	10	87	10	19	17	11	65	--	KES071	2	10	53	60
TCR3000C	3	10	151	9	18	15	11	130	--	KES112	1	11	71	74
TCR6000C2	6	10	197	4.6	9	7.5	5.6	65	--	KES112	2	22	71	74

# KITO TCR SERIES AIR POWERED MINI CHAIN HOISTS

MAXIMUM PRODUCTIVITY

1/4 metric tonne capacity, accurate, reliable, low headroom hoists for industrial and shop use

With a capacity of 1/4 tonne, high-speed lifting, an extremely compact and lightweight design, and a high duty cycle, it's the perfect tool to take along on-site or for manufacturing applications. Don't be fooled by its small size - the Mini is no lightweight in performance.

## Features

- Load-bearing parts are only stressed to 20% of their limit at rated capacity
- Abrasion resistant, case-hardened load chain is made from heat-treated alloy steel for high, uniform strength
- Galvanized chain for corrosion resistance
- Forged carbon steel hook design will not fracture under excessive load
- Reliable non-asbestos, self adjusting brake
- Upper and lower limit stops prevent over-travel in up or down direction
- 360° swivel bottom hook with built-in bearing, for easy positioning
- Weathertight construction resists dust and water, reliable in harsh environments
- Compact and lightweight design is ideal for use in close quarters – small enough to be portable
- Fine feathering movement with precision starting and stopping
- Quiet operation with external muffler
- 100% duty cycle multi-vane motor
- Full range variable speed control for increased productivity
- Filter/Lubricator included with each unit

## Options

- Pendant, cord or ergonomic cylinder control to meet your needs
- Chain bag keeps chain clean and out of the way
- Custom lift lengths to suit your requirements
- Plain or Geared trolley mount for improved load control

## Specifications

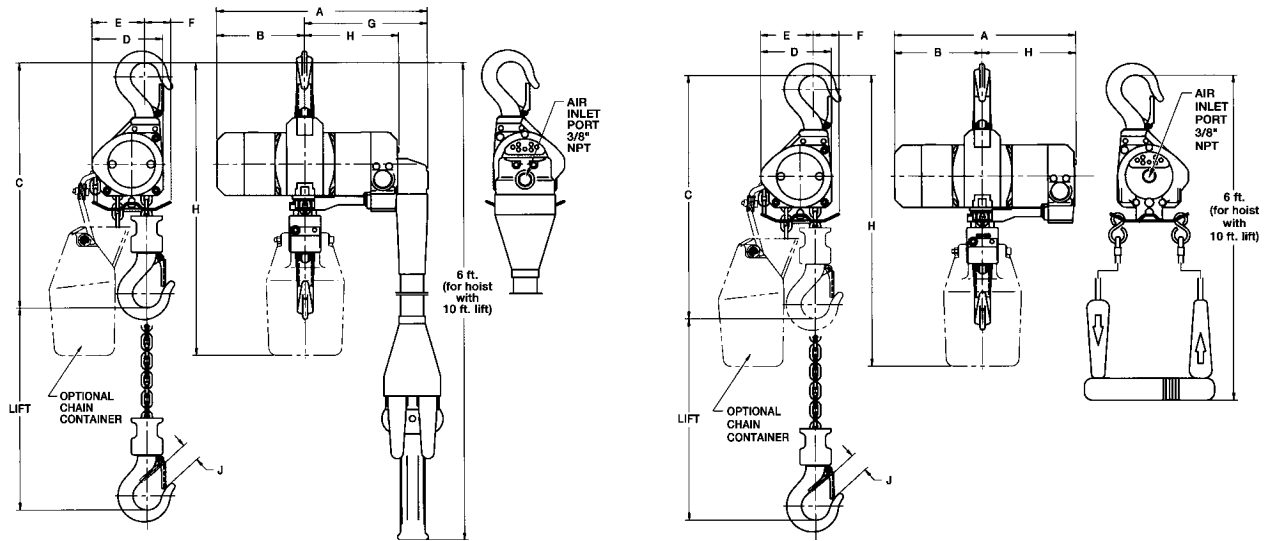
- Safety Standard: ASME B30.16
- Performance Standard: ASME HST-5
- Test Load: 125% of Rated Capacity
- Chain Type: Grade 80, Case Hardened
- Noise Level: 80.5 dBA at 1 metre
- Air Pressure: 90 PSI





# KITO TCR SERIES AIR POWERED MINI CHAIN HOISTS

## Variable Speed Hoist - Hook Mount



### Dimensions (mm)

Model	C	A	B	D	E	F	G	H	J
<b>Manipulator Control</b>									
TCR250M	711	269	112	89	66	33	155	373	23
<b>Pendant Control</b>									
TCR250P	305	269	112	89	66	33	155	373	23
<b>Cord Control</b>									
TCR250C	305	231	112	89	66	33	---	373	23

### Specifications

Model	Max. Capacity (tonne)	Std. Lift (ft)	Ship Weight (lbs)	Maximum Speed - 90 PSI (ft/min)				Max. Lift (ft)		Load Chain Code	Load Chain Falls	Weight per Additional 5 ft of Lift (lbs)	Air Consumption (CFM at 90 PSI)	
				Up		Down		Chain	Pendant				Up w/Load	Down w/Load
				w/Load	w/o Load	w/Load	w/o Load							
<b>Manipulator Control</b>														
TCR250M	0.25	6	24	25	54	54	42	6	6	KED040	1	---	26	28
<b>Pendant Control</b>														
TCR250P	0.25	10	16	29	55	53	43	130	20	KED040	1	4	26	28
<b>Cord Control</b>														
TCR250C	0.25	10	16	32	61	56	45	130	---	KED040	1	4	29	32

# KITO L5LB SERIES LEVER CHAIN HOISTS

**3/4 to 9 metric tonne capacity, tough, smooth-operating lever hoists for industrial use**

KITO L5 Series Lever Hoists are built with premium grade components for long life in demanding industrial and contracting applications. L5 lever hoists feature double-reduction gearing for reduced size and weight.

## Features

- At rated capacity, load-bearing parts are only stressed to 25% of their limit
- Patented induction hardening process on load bearing parts increases strength and rigidity of the frame
- Abrasion and corrosion resistant, nickel plated load chain made from heat-treated alloy steel for high, uniform strength
- Articulating top hook allows you to properly centre the load
- Forged carbon steel hook design will not fracture under excessive load
- Protective guard around the chain pin for enhanced safety
- Safety tip hook latch design is thicker for increased durability, and notched to securely engage with the hook tip
- Reliable weston-style mechanical brake design holds the load securely
- Five-start thread on brake ensures a level braking surface to ease load break-out
- Double-reduction gearing requires minimum manual power for operation
- Spring-loaded freewheel for quick and easy hook positioning
- Open load sheave allows easy inspection and cleaning without dismantling the unit
- 360° handle rotation for a sure grip from any operating position
- Compact design for lightweight portability
- High-impact steel housing has similar weight to aluminum due to compact design
- Sealed gears and brake are protected against damage from dust and water
- Cap nuts protect exposed bolts from damage
- Available in capacities of .75, 1.5, 2.5, 3, 6 and 9 metric tonnes



## Options

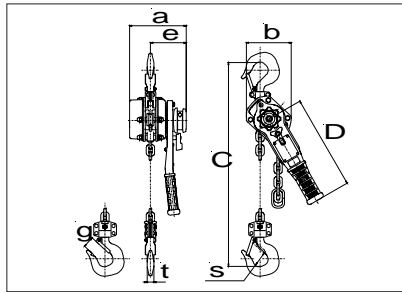
- Load signal handle protects hoist from overloading
- Custom lift lengths to suit your requirements

## Specifications

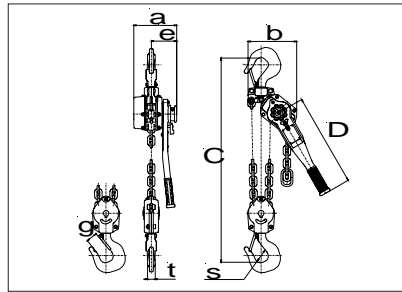
- Safety Standard: ASME B30.21
- Performance Standard: ASME HST-3
- Test Load: 125% of Rated Capacity
- Chain Type: Grade 100, Nickel Plated

# KITO L5LB SERIES LEVER CHAIN HOISTS

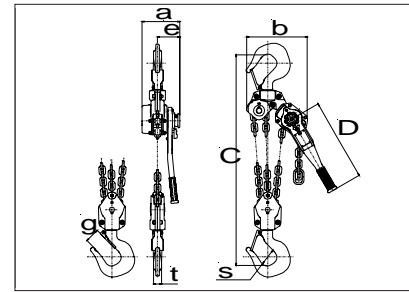
## Steel Body - Hook Mount



L5LB008 to L5LB030



L5LB060



L5LB090

### Dimensions (mm)

Model	C	D	a	b	e	g	s	t
L5LB008	280	245	144	119	97	23.5	35.5	14
L5LB015	335	265	159	126	100	32	42.5	19
L5LB025	375	265	173	150	102	36.5	47	21
L5LB030	395	415	190	159	112	39	50	24.5
L5LB060	540	415	190	217	112	50	60	34
L5LB090	680	415	190	304	112	72.5	85	41.5

### Specifications

Model	Max. Capacity (tonne)	Std. Lift (ft)	Hand Pull to Lift Full Load (kg)	Ship Weight (lbs)	Load Chain Code	Load Chain Falls	Weight per Additional 5 ft of Lift (lbs)
L5LB008	0.75	5	27	13	KLB5056	1	3
L5LB015	1.5	5	32	18	KLB5071	1	4
L5LB025	2.5	5	37	26	KLB5088	1	6
L5LB030	3	5	35	35	KLB5100	1	8
L5LB060	6	5	36	59	KLB5100	2	16
L5LB090	9	5	39	92	KLB5100	3	24

### Comparative Advantages of L5LB vs L4LB Lever Hoists

Specification	Model (5' lift)	008	015	025	030	060	090
Dimension D: (mm) Length of Lever	L5	245	265	265	415	415	415
	L4	265	415	--	415	415	415
	% change	-7.5	-36.1	--	0	0	0
Dimension a: (mm) Body Height	L5	144	159	173	190	190	190
	L4	153	170	--	195	195	195
	% change	-5.9	-6.5	--	-2.6	-2.6	-2.6
Dimension C: (mm) Headroom (min. dist. btw. hooks)	L5	280	335	375	395	540	680
	L4	280	350	--	420	570	705
	% change	0	-4.3	--	-6	-5.3	-3.5
Net Weight (kg)	L5	5.7	8	11.2	15	26	40
	L4	6.2	9.6	--	15.5	27	42
	% change	-8.1	-16.7	--	-3.2	-3.7	-4.8

# KITO LX SERIES POCKET-SIZED LEVER HOISTS

MAXIMUM PORTABILITY

## 1/4 AND 1/2 metric tonne capacity, extremely lightweight lever hoists

KITO LX Series Lever Hoists are suitable for work in tight quarters or elevated locations where fastening, fixing or positioning of light loads is required. LX lever hoists feature a low hand pull force for highly reliable lifting.

### Features

- At rated capacity, load-bearing parts are only stressed to 25% of their limit
- Abrasion and corrosion resistant, plated load chain
- Forged carbon steel hook design will not fracture under excessive load
- 360° handle rotation for a sure grip from any operating position
- Articulating top hook allows you to properly centre the load
- Safety tip hook latch design is thicker for increased durability, and notched to securely engage the latch with the hook tip
- Aluminum housing for reduced weight
- Sealed gears and brake are protected against damage from dust and water
- Free chain adjusting mechanism for quick and easy hook positioning



Optional Case

### Options

- Carrying case that can be attached to your belt for added convenience (LX003)
- Custom lift lengths to suit your needs

### Specifications

- Safety Standard: ASME B30.21
- Performance Standard: ASME HST-3
- Test Load: 125% of Rated Capacity
- Chain Type: Grade 100, Plated

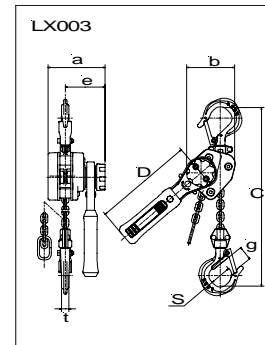
#### Dimensions (mm)

Model	C	D	a	b	e	g	s	t
LX003	205	150	85.5	73.5	60	21	32	11
LX005	246	180	99	93	67	24.5	35.5	12

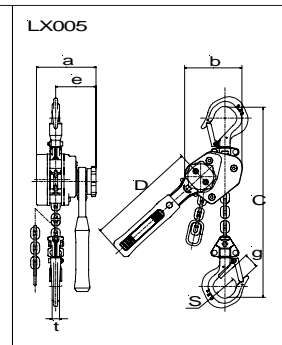
#### Specifications

Model	Max. Capacity (tonne)	Std. Lift (ft)	Hand Pull to Lift Full Load (kg)	Ship Weight (lbs)	Load Chain Code	Load Chain Falls	Weight per Additional 5 ft of Lift (lbs)
LX003	0.25	3	20	4	KLX043	1	2
LX005	0.5	4	31	6	KLX043	1	2

LX003



LX005



# KITO M3CB SERIES MANUAL CHAIN HOISTS

1/2 to 50 metric tonne capacity, high-capacity, lightweight hoists for industrial and contractor use

KITO M3 Series Manual Chain Hoists are built with premium-grade components for long life in the toughest industrial and contracting applications. M3 manual chain hoists are small and light, yet extremely durable, with industry-leading quality.

## Features

- At rated capacity, load-bearing parts are only stressed to 25% of their limit
- Abrasion resistant load chain is made from heat-treated alloy steel for high, uniform strength
- Forged carbon steel hook design will not fracture under excessive load
- Safe, reliable mechanical brake activates instantly, holds the load securely
- Compact design for lightweight portability
- Articulating top hook allows you to properly centre the load
- Sealed gears and brake protected against damage from dust and water
- Open load sheave allows easy inspection and cleaning without dismantling the unit
- Maintenance-free sealed bearings increase reliability and reduce the pull required to lift loads
- Heat treated load bearing parts are hardened for long, trouble-free life
- High-impact steel housing with similar weight to aluminum due to compact design
- Double reduction gearing requires minimum manual power to operate
- Double-pawl spring system for increased safety and reliability

## Options

- Chain bag keeps chain clean and out of the way
- Slip clutch protects hoist from overloading
- Nickel-diffused load chain and zinc-plated hand chain for corrosive environments
- Custom lift lengths to suit your requirements
- Plain or Geared trolley mount for improved load control

## Specifications

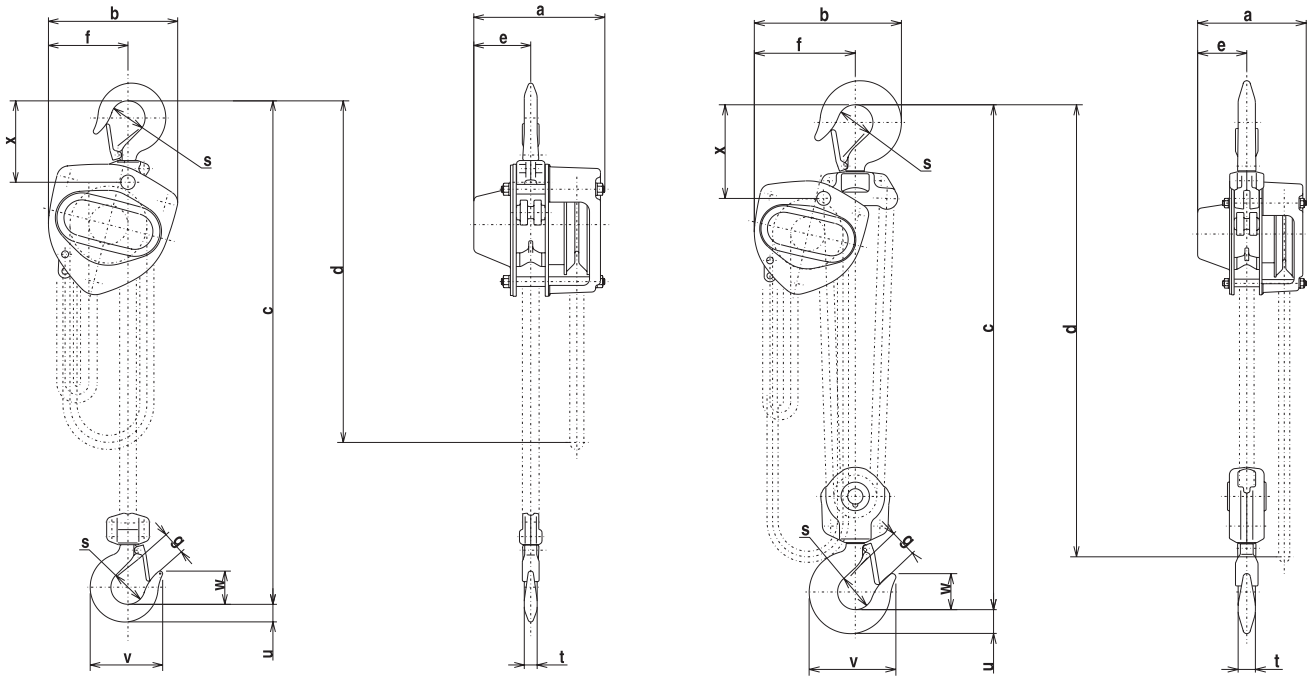
- Safety Standard: ASME B30.16
- Performance Standard: ASME HST-2
- Test Load: 125% of Rated Capacity
- Chain Type: Grade 100



MAXIMUM STRENGTH

# KITO M3CB SERIES MANUAL CHAIN HOISTS

## Steel Body - Hook Mount



### Dimensions (mm)

Model	C	a	b	d	e	f	g	s	t	u	v	w	x
M3CB005	285	158	161	2.5	69	99	27	35.5	12.1	17	77	35	89
M3CB010	295	162	161	2.5	71	99	29	42.5	16	21.8	93	41	101
M3CB015	350	171	182	2.5	78	112	34	47.5	19.5	26.5	106	47	119
M3CB020	375	182	202	3	87	125	36	50	21.8	30	116	49	124
M3CB025	420	192	233	3	91	143	40	53	24.3	33.5	126	53	136
M3CB030	510	171	235	3.1	78	162	42.5	56	27.2	37.5	138	57	148
M3CB050	600	192	282	3.6	91	194	46.5	63	34.5	47.5	161	67.5	172

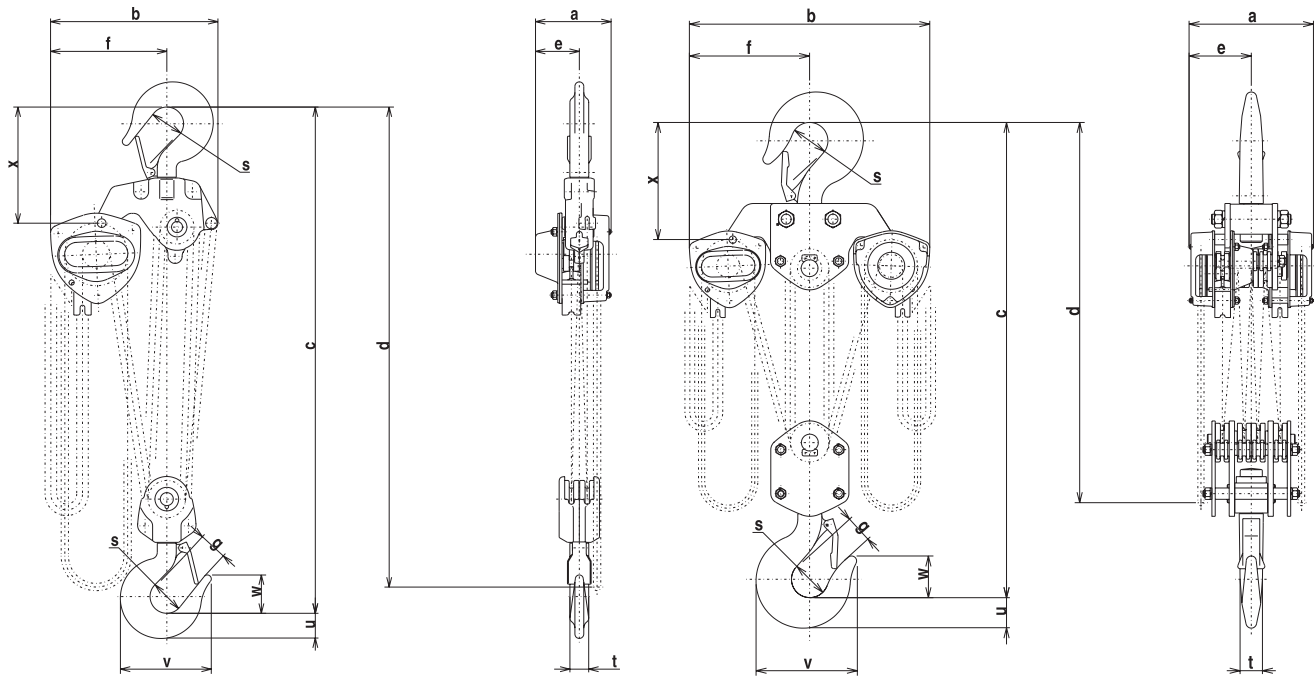
### Specifications

Model	Max. Capacity (tonne)	Std. Lift (ft)	Hand Pull to Lift Full Load (kg)	Chain Pulled to Lift Load One Metre (m)	Ship Weight (lbs)	Load Chain Code	Load Chain Falls	Hand Chain Code	Hand Chain Falls	Weight per Additional 5 ft of Lift (lbs)
M3CB005	0.5	8	24	25	23	KCF050	1	KHCF050	2	5
M3CB010	1	8	29	43	27	KCF063	1	KHCF050	2	6
M3CB015	1.5	8	35	57	33	KCF071	1	KHCF050	2	7
M3CB020	2	10	36	70	47	KCB3080	1	KHCF050	2	8
M3CB025	2.5	10	33	99	60	KCB3090	1	KHCF050	2	9
M3CB030	3	10	36	114	58	KCF071	2	KHCF050	2	11
M3CB050	5	10	34	198	95	KCB3090	2	KHCF050	2	15



# KITO M3CB SERIES MANUAL CHAIN HOISTS

Steel Body - Hook Mount - Large Capacity



### Dimensions (mm)

Model	C	a	b	d	e	f	g	s	t	u	v	w	x
M3CB075	770	192	373	4.2	91	253	72.5	85	47.5	63	231	97.5	275
M3CB100	760	192	438	4.2	111	308	72.5	85	47.5	63	231	97.5	295
M3CB150	1020	268	492	4.7	119	337	80	100	60	80	275	110	320
M3CB200	1180	374	746	4.8	187	373	81	110	67	90	301	125	351
M3CB300	1300	404	746	4.8	202	373	103	125	85	112	367	143	400
M3CB400	1480	502	760	4.9	251	380	96	145	123	133	412.5	182.5	445
M3CB500	1560	544	796	4.9	272	398	100	165	135	155	447.5	202.5	467

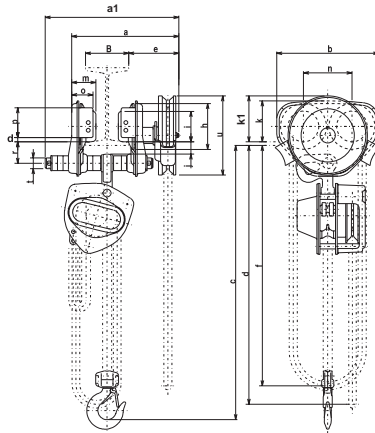
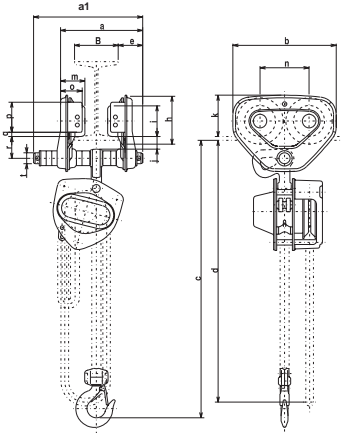
### Specifications

Model	Max. Capacity (tonne)	Std. Lift (ft)	Hand Pull to Lift Full Load (kg)	Chain Pulled to Lift Load One Metre (m)	Ship Weight (lbs)	Load Chain Code	Load Chain Falls	Hand Chain Code	Hand Chain Falls	Weight per Additional 5 ft of Lift (lbs)
M3CB075	7.5	12	35	297	145	KCB3090	3	KHCF050	2	21
M3CB100	10	12	36	396	200	KCB3090	4	KHCF050	2	27
M3CB150	15	12	37	594	363	KCB3090	6	KHCF050	2	38
M3CB200	20	12	36 x 2	396 x 2	671	KCB3090	8	KHCF050	4	53
M3CB300	30	12	43 x 2	495 x 2	880	KCB3090	10	KHCF050	4	65
M3CB400	40	12	43 x 2	693 x 2	1386	KCB3090	14	KHCF050	4	88
M3CB500	50	12	49 x 2	792 x 2	1738	KCB3090	16	KHCF050	4	100



# KITO M3CB SERIES MANUAL CHAIN HOISTS

## Steel Body - Trolley Mount



**Dimensions (mm)**

Model	C	a (Max)	a1	b	d	e	f	h	i	j	k	k1	m	n	o	p	q	r	t	u
<b>Plain Trolley</b>																				
CBSP005	295	173	204	182	2.5	46	2.2	82	60	19	76	106	47.5	84	42	54	10	38	22	183
CBSP010	305	215	249	236	2.5	56	2.2	106	71	28	95	106	56	112	50	69	10	50	25	183
CBSP015	365	264	300	280	2.5	69	2.2	127	85	34	112	109	71	131	63	83	10	62	32	183
CBSP020	380	264	300	280	3	69	2.7	127	85	34	112	109	71	131	63	83	10	62	32	183
CBSP025	435	280	320	324	3	79	2.7	148	100	36	134	114	80	152	74	102	10	68	36	183
CBSP030	535	280	320	324	3.1	79	2.7	148	100	36	134	114	80	152	74	102	10	68	36	183
CBSP050	660	273	297	400	3.6	53	3.2	169	118	47	144	131	81	178	70	104	10	88	54	183
<b>Geared Trolley</b>																				
CBSG005	305	275	309	236	2.5	116	2.2	106	71	28	95	106	56	112	50	69	10	50	25	183
CBSG010	305	275	309	236	2.5	116	2.2	106	71	28	95	106	56	112	50	69	10	50	25	183
CBSG015	365	349	385	280	2.5	154	2.2	127	85	34	112	109	71	131	63	83	10	62	32	183
CBSG020	380	349	385	280	3	154	2.7	127	85	34	112	109	71	131	63	83	10	62	32	183
CBSG025	435	359	398	324	3	157	2.7	148	100	36	134	114	80	152	74	102	10	68	36	183
CBSG030	535	359	398	324	3.1	157	2.7	148	100	36	134	114	80	152	74	102	10	68	36	183
CBSG050	660	376	400	400	3.6	156	3.2	169	118	47	144	131	81	178	70	104	10	88	54	183
CBSG075	870	443	523	492	4.3	178	3.7	185	155	53	170	165	120	196.5	104	89	8	153	70	214
CBSG100	860	443	523	492	4.3	178	3.7	185	155	53	170	165	120	196.5	104	89	8	153	70	214
CBSG150	1150	576	540	1012	4.8	178	4.2	185	155	62	170	165	120	716.5	104	89	8	203	80	214
CBSG200	1310	576	540	1012	4.9	178	4.2	185	155	62	170	165	120	716.5	104	89	8	203	80	214
CBSG300	1450	790	---	---	5	300	4.7	218	175	62	197	199	103	833	85	100	9	147	80	214

**Specifications**

Model	Max. Capacity (tonne)	Std. Lift (ft)	Hand Pull to Lift Full Load (kg)	Chain Pulled to Lift Load One Metre (m)	Ship Weight (lbs)	Load Chain Code	Load Chain Falls	Hand Chain Code	Hand Chain Falls	Weight per Additional 5 ft of Lift (lbs)
CBSP/CBSG005	0.5	8	24	25	23	KCF050	1	KHCF050	2	5
CBSP/CBSG010	1	8	29	43	27	KCF063	1	KHCF050	2	6
CBSP/CBSG015	1.5	8	35	57	33	KCF071	1	KHCF050	2	7
CBSP/CBSG020	2	10	36	70	47	KCB3080	1	KHCF050	2	8
CBSP/CBSG025	2.5	10	33	99	60	KCB3090	1	KHCF050	2	9
CBSP/CBSG030	3	10	36	114	58	KCF071	2	KHCF050	2	11
CBSP/CBSG050	5	10	34	198	95	KCB3090	2	KHCF050	2	15
CBSG075	7.5	12	35	297	145	KCB3090	3	KHCF050	2	21
CBSG100	10	12	36	396	200	KCB3090	4	KHCF050	2	27
CBSG150	15	12	37	594	363	KCB3090	6	KHCF050	2	38
CBSG200	20	12	36 x 2	396 x 2	671	KCB3090	8	KHCF050	4	53
CBSG300	30	12	43 x 2	495 x 2	880	KCB3090	10	KHCF050	4	65



# KITO CF SERIES MANUAL CHAIN HOISTS

1/2 to 5 metric tonne capacity, economical, smooth-running hoists for shop and light industrial use

KITO CF Series Manual Chain Hoists are built with quality components to provide years of reliable service. CF manual chain hoists feature heat-treated components, sealed bearings, and industry-leading quality.

## Features

- At rated capacity, load-bearing parts are only stressed to 25% of their limit
- Abrasion resistant load chain is made from heat-treated alloy steel for high, uniform strength
- Forged carbon steel hook design will not fracture under excessive load
- Safe, reliable mechanical brake activates instantly, holds the load securely
- Compact design for lightweight portability
- Articulating top hook allows you to properly centre the load
- Sealed gears and brake protected against damage from dust and water
- Maintenance-free sealed bearings increase reliability and reduce the pull required to lift loads
- Heat treated load bearing parts are hardened for long, trouble-free life
- Die cast aluminum housing for lightweight portability



## Options

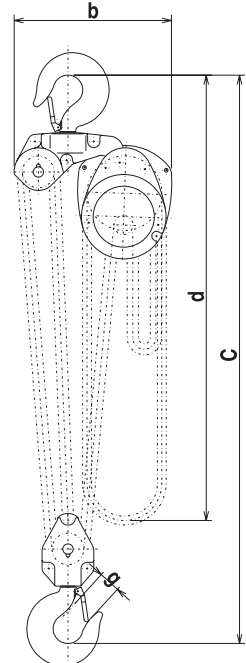
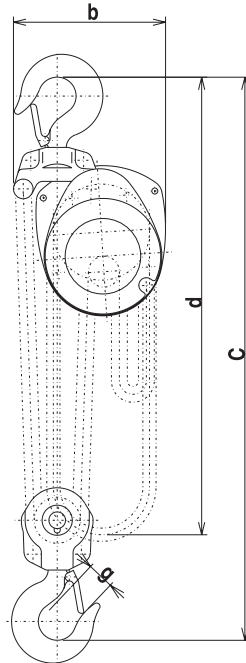
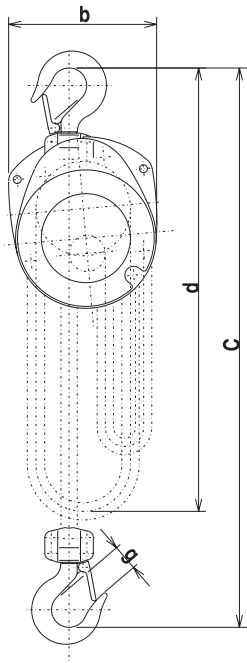
- Nickel-diffused load chain and zinc-plated hand chain for corrosive environments
- Custom lift lengths to suit your requirements

## Specifications

- Safety Standard: ASME B30.16
- Performance Standard: ASME HST-2
- Test Load: 125% of Rated Capacity
- Chain Type: Grade 100

# KITO CF SERIES MANUAL CHAIN HOISTS

## Aluminum Body - Hook Mount



### Dimensions (mm)

Model	C	b	d	g
CF005	325	150	2.5	27
CF010	370	174	2.5	29
CF015	440	203	2.5	34
CF020	510	204	3	36
CF030	590	240	3	42.5
CF050	620	342	3	46.5

### Specifications

Model	Max. Capacity (tonne)	Std. Lift (ft)	Hand Pull to Lift Full Load (kg)	Chain Pulled to Lift Load One Metre (m)	Ship Weight (lbs)	Load Chain Code	Load Chain Falls	Hand Chain Code	Hand Chain Falls	Weight per Additional 5 ft of Lift (lbs)
CF005	0.5	8	30	19	24	KCF050	1	KHCF050	2	5
CF010	1	8	36	31	31	KCF063	1	KHCF050	2	6
CF015	1.5	8	42	41	42	KCF071	1	KHCF050	2	7
CF020	2	10	40	63	51	KCF063	2	KHCF050	2	9
CF030	3	10	46	81	68	KCF071	2	KHCF050	2	11
CF050	5	10	46	134	88	KCF071	3	KHCF050	2	15

# KITO TS2, TMH, AND MR SERIES TROLLEYS

Industrial quality trolleys built for long life and reliable operation

Whether plain, geared or motorized, there's a trolley to fit every KITO hoist. The reliability, smoothness of operation, and safety of your hoist is dependent on the trolley - be sure to choose KITO quality and safety for both the hoist and trolley.

## Features

- ½ to 20 tonne capacity allows you to choose the capacity that meets your needs
- At rated capacity, load-bearing parts are only stressed to 20% of their limit
- Pivot mounted for smooth operation and load balancing
- Heat treated steel wheels are hardened for long, trouble-free life
- Lifetime lubricated ball bearings increase reliability and reduce maintenance
- Adjustable to fit any beam—tapered or flat flanged, easily adapted for your shop or plant
- Low minimum radius for curved beams for smooth travel around tight curves

## Specifications

Model	Max. Capacity (tonne)	Ship Wt. (lbs)	Min. Radius for Curve (mm)	Flange Width			Std Drop (ft)	Travel Speed (ft/min)	Travel Motor H.P.
				Std. (mm)	W20 Ext. (mm)	W30 Ext. (mm)			
<b>Plain Trolley - WITH Safety Lugs</b>									
TSP2005	1/2	10	1100	50 - 102	103 - 203	204 - 305	--	--	--
TSP2010	1	18	1300	58 - 127	128 - 203	204 - 305	--	--	--
TSP2020	2	31	1500	82 - 153	---	154 - 305	--	--	--
TSP2030	3	51	1700	82 - 153	---	154 - 305	--	--	--
TSP2050	5	116	2300	100 - 178	---	179 - 305	--	--	--
TSP100	10	220	3000	150 - 220	---	221 - 305	--	--	--
<b>Geared Trolley - WITH Safety Lugs</b>									
TSG2010	1	27	1300	58 - 127	128 - 203	204 - 305	8	--	--
TSG2020	2	42	1500	82 - 153	---	154 - 305	10	--	--
TSG2030	3	60	1700	82 - 153	---	154 - 305	10	--	--
TSG2050	5	174	2300	100 - 178	---	179 - 305	10	--	--
TSG100	10	300	3000	150 - 220	---	221 - 305	12	--	--
TSG200	20	440	---	150 - 220	---	221 - 305	12	--	--
<b>Mini Trolley - Exclusive for ED Series Hoist</b>									
TMH25	0.25	5	600	50 - 100	---	---	--	--	--
<b>Motorized Trolley - Single Speed - 220V, 440V, 575V / Three Phase</b>									
MR010L	1	68	800	58 - 127	---	128 - 305	15	40	0.5
MR010S	1	68	800	58 - 127	---	128 - 305	15	80	0.5
MR020L	2	86	800	82 - 178	---	179 - 305	15	40	0.5
MR020S	2	86	800	82 - 178	---	179 - 305	15	80	0.5
MR030L	3	106	1000	82 - 178	---	179 - 305	15	40	0.5
MR030S	3	106	1000	82 - 178	---	179 - 305	15	80	0.5
MR050L	5	152	1800	82 - 178	---	179 - 305	15	40	1
MR050S	5	152	1800	82 - 178	---	179 - 305	15	80	1
MR100L	10	238	2500	150 - 220	---	221 - 305	15	40	1
MR200L	20	499	---	150 - 220	---	221 - 305	15	40	1 x 2
<b>Motorized Trolley - Dual Speed - 220V, 440V, 575V / Three Phase</b>									
MR010SD	1	77	800	58 - 127	---	128 - 305	15	20/80	0.4/0.1
MR020SD	2	95	800	82 - 178	---	179 - 305	15	20/80	0.4/0.1
MR030SD	3	112	1000	82 - 178	---	179 - 305	15	20/80	0.8/0.2
MR050SD	5	161	1800	82 - 178	---	179 - 305	15	20/80	0.8/0.2



MAXIMUM QUALITY

## KITO ACCESSORIES - Bulk Chain

### ER Electric Chain Hoists

Model	Load Chain Code		Load Chain Falls
	Std.	N.D.	
ER003S	KES050	KES050-ND	1
ER005L	KES063	KES063-ND	1
ER005S	KES063	KES063-ND	1
ER010L	KES080	KES080-ND	1
ER010S	KES080	KES080-ND	1
ER015S	KES100	KES100-ND	1
ER020L	KES100	KES100-ND	1
ER020S	KES100	KES100-ND	1
ER025S	KES112	KES112-ND	1
ER030L	KES125	KES125-ND	1
ER030S	KES125	KES125-ND	1
ER050L	KES112	KES112-ND	2
ER075S	KES112	KES112-ND	3
ER100L	KES112	KES112-ND	4
ER100S	KES112	KES112-ND	4
ER150S	KES112	KES112-ND	6
ER200S	KES112	KES112-ND	8

N.D. = Nickel-Diffused, corrosion resistant chain

### ED / EFS / ES3 Electric Chain Hoists

Model	Load Chain Code		Load Chain Falls
	Std.	N.D.	
ED - All Sizes	KED040	KED040-ND	1
EFS / ES3 003S	KES050	KES050-ND	1
EFS / ES3 005L	KES050	KES050-ND	2
EFS / ES3 005S	KES063	KES063-ND	1
EFS / ES3 010L	KES063	KES063-ND	2
EFS / ES3 010S	KES071	KES071-ND	1
ES3 015S	KES100	KES100-ND	1
EFS / ES3 020L	KES071	KES071-ND	2
ES3 020S	KES100	KES100-ND	1
ES3 025S	KES112	KES112-ND	1
ES3 030S	KES100	KES100-ND	2
ES3 050S	KES112	KES112-ND	2
ES3 075S	KES112	KES112-ND	3
ES3 100S	KES112	KES112-ND	4
ES3 150S	KES112	KES112-ND	6
ES3 200S	KES112	KES112-ND	8

N.D. = Nickel-Diffused, corrosion resistant chain

### TCR Air Powered Chain Hoists

Model	Load Chain Code		Load Chain Falls
	Std.	N.D.	
TCR250M	KED040	KED040-ND	1
TCR250P	KED040	KED040-ND	1
TCR250C	KED040	KED040-ND	1
TCR500P	KES063	KES063-ND	1
TCR500C	KES063	KES063-ND	1
TCR1000P2	KES063	KES063-ND	2
TCR1000C2	KES063	KES063-ND	2
TCR1000P	KES071	KES071-ND	1
TCR1000C	KES071	KES071-ND	1
TCR2000P2	KES071	KES071-ND	2
TCR2000C2	KES071	KES071-ND	2
TCR3000P	KES112	KES112-ND	1
TCR3000C	KES112	KES112-ND	1
TCR6000P2	KES112	KES112-ND	2
TCR6000C2	KES112	KES112-ND	2

N.D. = Nickel-Diffused, corrosion resistant chain

### Bulk Chain - Barrel Quantities

Standard Load Chain Code	Barrel Quantity (ft)	
	Std.	N.D.
KCB3080	656	328
KCB3090	492	328
KCB3111	328	328
KCF050	1542	771
KCF063	984	328
KCF071	656	328
KED040	114	---
KES050	1542	771
KES063	984	328
KES071	656	328
KES080	656	328
KES100	328	328
KES112	328	328
KES125	246	246
KHCF050	1640	---
KLB5056	1312	---
KLB5071	656	---
KLB5088	492	---
KLB5100	328	---
KLX043	100	---

ND = Nickel Diffused, corrosion resistant chain

Nickel Plated corrosion resistant chain is standard on L5 & LX hoists

## KITO ACCESSORIES - Bulk Chain

### L4LB Lever Chain Hoists

Model	Load Chain Code		Load Chain Falls
	Std.	N.D.	
L4LB008	KLB4056	KLB4056-ND	1
L4LB015	KCF071	KCF071-ND	1
L4LB030	KCB3090	KCB3090-ND	1
L4LB060	KCB3090	KCB3090-ND	2
L4LB090	KCB3090	KCB3090-ND	3

N.D. = Nickel-Diffused, corrosion resistant chain

### L5LB Lever Chain Hoists

Model	Load Chain Code	Load Chain Falls
L5LB008	KLB5056	1
L5LB015	KLB5071	1
L5LB025	KLB5088	1
L5LB030	KLB5100	1
L5LB060	KLB5100	2
L5LB090	KLB5100	3

Nickel Plated corrosion resistant chain is standard on L5 hoists

### LX Lever Chain Hoists

Model	Load Chain Code	Load Chain Falls
LX003	KLX043	1
LX005	KLX043	1

Nickel Plated corrosion resistant chain is standard on LX hoists

### CF Manual Chain Hoists

Model	Load Chain Code		Load Chain Falls	Hand Chain Code		Hand Chain Falls
	Std.	N.D.		Std.	N.D.	
CF005	KCF050	KCF050-ND	1	KHCF050	KHCF050-ND	2
CF010	KCF063	KCF063-ND	1	KHCF050	KHCF050-ND	2
CF015	KCF071	KCF071-ND	1	KHCF050	KHCF050-ND	2
CF020	KCF063	KCF063-ND	2	KHCF050	KHCF050-ND	2
CF030	KCF071	KCF071-ND	2	KHCF050	KHCF050-ND	2
CF050	KCF071	KCF071-ND	3	KHCF050	KHCF050-ND	2

N.D. = Nickel-Diffused, corrosion resistant chain

### M3CB Manual Chain Hoists

Model	Load Chain Code		Load Chain Falls	Hand Chain Code		Hand Chain Falls
	Std.	N.D.		Std.	N.D.	
M3CB005	KCF050	KCF050-ND	1	KHCF050	KHCF050-ND	2
M3CB010	KCF063	KCF063-ND	1	KHCF050	KHCF050-ND	2
M3CB015	KCF071	KCF071-ND	1	KHCF050	KHCF050-ND	2
M3CB020	KCB3080	KCB3080-ND	1	KHCF050	KHCF050-ND	2
M3CB025	KCB3090	KCB3090-ND	1	KHCF050	KHCF050-ND	2
M3CB030	KCF071	KCF071-ND	2	KHCF050	KHCF050-ND	2
M3CB050	KCB3090	KCB3090-ND	2	KHCF050	KHCF050-ND	2
M3CB075	KCB3090	KCB3090-ND	3	KHCF050	KHCF050-ND	2
M3CB100	KCB3090	KCB3090-ND	4	KHCF050	KHCF050-ND	2
M3CB150	KCB3090	KCB3090-ND	6	KHCF050	KHCF050-ND	2
M3CB200	KCB3090	KCB3090-ND	8	KHCF050	KHCF050-ND	4

N.D. = Nickel-Diffused, corrosion resistant chain

## KITO ACCESSORIES - Chain Containers

### ER Electric Chain Hoists

Model	Bucket Code	Capacity (tonne)	Max. Lift (ft)
ERCL003SD	BP-B1	1/4	20
003S	BC-D1	1/4	50
005L	BC-D1	1/2	50
005S	BC-D1	1/2	50
010L	BC-D1	1	50
010S	BC-D1	1	50
015S	BC-D1	1-1/2	40
020L	BC-D1	2	40
020S	BC-E2	2	60
025S	BC-E2	2-1/2	40
030L	BC-E2	3	27
030S	BC-E2	3	27
050L	BC-E2	5	20
075S	BC-H2	7-1/2	27
075S w/trolley	BC-H2075S	7-1/2	27
100L	BC-H2	10	20
100L w/trolley	BC-H2075S	10	20
100S	BC-H2 x 2	10	40
150S	BC-H2 x 2	15	27
200S	BC-H2 x 2	20	20

### M3CB Manual Chain Hoists

Model	Bucket Code	Capacity (tonne)	Max. Lift (ft)
005	CB606-005	1/2	20
005	CB612-005	1/2	40
010	CB606-010	1	20
010	CB612-010	1	40
015	CB806	1-1/2	20
015	CB712	1-1/2	40
020	CB806-020	2	20
020	CB912-020	2	40
025	CB906	2-1/2	20
025	CB912-025	2-1/2	40
030	CB712	3	20
050	CB912-025	5	20
075	CB912-025	7-1/2	15

### EFS / ES3 Electric Chain Hoists

Model	Bucket Code	Capacity (tonne)	Max. Lift (ft)
003S	12-Black	1/4	40
005L	12-Black	1/2	20
005S	15-Red	1/2	50
010L	15-Red	1	25
010S	15-Blue	1	50
015S	18-Green	1-1/2	60
020L	15-Blue	2	25
020S	18-Green	2	60
025S	18-Green	2-1/2	40
030S	18-Green	3	30
050S	18-Green	5	20
075S	24-Green	7-1/2	20
100S	24-Green x 2	10	40

### EDL / EDCL Electric Chain Hoists

Model	Bucket Code	Capacity (tonne)	Max. Lift (ft)
06-240	E2D1831	All Capacities	10
06-240	E2D1835	All Capacities	20
06-240	E2D1833	All Capacities	50
06-240	E2D1834	All Capacities	100

### TCR Air Powered Chain Hoists

Model	Bucket Code	Capacity (tonne)	Max. Lift (ft)
250P/C/M	T1CR1831	0.25	10
250P/C/M	T1CR1835	0.25	20
250P/C/M	T1CR1833	0.25	50
250P/C/M	T1CR1834	0.25	100
500P/C	BC-T1	1/2	68
1000P2/C2	BC-T1	1	34
1000P/C	BC-T1	1	50
2000P2/C2	BC-T1	2	25
3000P/C	BC-T2	3	40
6000P/C	BC-T2	6	20

P = Pendant, C = Cord, M = Manipulator

*NOTE: Steel chain containers are required for lift heights exceeding the above limits.*

# KITO ACCESSORIES - Push Button Controls

## All Models

PB Code	Number of Buttons	ED II Single Phase	EFS Single Phase	ER Three Phase	MR Three Phase	ES3 Three Phase	MS Three Phase	Crane Three Phase
E1R1561	2			S				
E1R1562	2			D				
E2DL1615S	2	S						
E2DL1615D	2	D						
E6FS1615	2		S					
E3S1615S	2					S		
E3S1615D	2					D		
M1R1801SS	4 + E-Stop			S	S			
M1R1801DS	4 + E-Stop			D	S			
M1R1801DD	4 + E-Stop			D	D			
M3S531S	4					S	S	
M3S531D1	4					D	S	
M3S531D2	4					S	D	
M3S531D3	4					D	D	
M3S534S	4 + On/Off					S	S	
M3S534D1	4 + On/Off					D	S	
M3S534D2	4 + On/Off					S	D	
M3S534D3	4 + On/Off					D	D	
M3S1531S-8	6 + On/Off					S	S	S
M3S1531D1-8	6 + On/Off					D	S	S
M3S1531D2-8	6 + On/Off					S	D	D
M3S1531D3-8	6 + On/Off					S	S	D
M3S1531D4-8	6 + On/Off					D	D	S
M3S1531D5-8	6 + On/Off					D	S	D
M3S1531D6-8	6 + On/Off					S	D	D
M3S1531D7-8	6 + On/Off					D	D	D

S = Single Speed

D = Dual Speed

ED = Single Phase Hoist (30V Control)

EFS = Single Phase Hoist (110V Control)

ES3 = Three Phase Hoist (48V Control)

ER = Three Phase Hoist (110V Control)

MS = Three Phase Trolley (48V Control)

MR = Three Phase Trolley (110V Control)

# KITO

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