CERTEX | Lifting Solutions Group
Axel Johnson International

Electric Chain Hoist KITO ER2 Dual Speed Series

Product information



Electric chain hoist with hook suspension

General: The KITO ER2 Electric Chain Hoists are durable, safe and easy to use hoists. It has a top hook or overhead mounting suspension, aluminium die-cast body, electromagnetic brake and a canvas chain container.
It lifts from 125 kg up to 5 tons.

Standard configuration:

- 400 V/50 Hz
- Frequency inverter for 2 lifting speeds
- CH-Meter: operating hours/number of starts
- Ergonomic push button control
- Upper-lower limit switch
- Nickel-plated load chain class grade 80 (DAT) in accordance with Norm EN 818-7
- Thermal protector
- Carbon friction clutch

Options:

- 500 V/Contactor control
- 230 V/50 Hz/60 Hz, 3 phase
- Rubber bumpers for motorized trolleys
- Additional mechanical brake
- Electrical overload limiter
- Acoustic overload signal

... *Read more*

Note: Can also be delivered with infinitely variable speed control, programmable level limits and cylinder control.

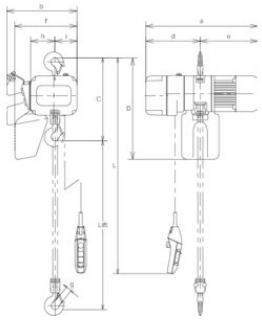
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Blueprint



Technical data

Part code	Code	WLL ton	Lifting height m	Number of falls	Motor kW	Lifting motor Rating (%ED)	Class ISO/FEM	Additional weight per 1 m lift	Lifting speed* 50Hz high m/min	Lifting speed* 50Hz low m/min	Test load kg	Load chain mm	Weight kg
5401012510074	ER2-001IH	0.125	3	1	0.56	40/20	M6/3m	0.42	16.6	2.8-1.4	156	4.3 x 12	27
5401000310074	ER2-003IS	0.25	3	1	0.56	40/20	M6/3m	0.42	10.8	1.8-0.9	313	4.3 x 12	27
5401000310071	ER2-003IH	0.25	3	1	0.9	40/20	M6/3m	0.81	15.7	2.6-1.3	313	6.0 x 16.8	36
5401000510074	ER2-005IL	0.5	3	1	0.56	40/20	M6/3m	0.81	4.5	0.8-0.4	625	6.0 x 16.8	32
5401000510071	ER2-005IS	0.5	3	1	0.9	40/20	M6/3m	0.81	8.5	1.4-0.7	625	6.0 x 16.8	36
5401001010074	ER2-010IL	1	3	1	0.9	40/20	M5/2m	1.33	4.2	0.7-0.3	1,250	7.7 x 21.5	45
5401001010071	ER2-010IS	1	3	1	1.8	40/20	M5/2m	1.33	8.2	1.4-0.7	1,250	7.7 x 21.5	52
5401001610074	ER2-016IS	1.6	3	1	1.8	40/20	M5/2m	2.3	5.3	0.9-0.4	2,000	10.2 x 28.5	72
5401002010074	ER2-020IL	2	3	1	1.8	40/20	M4/1Am	2.3	4.3	0.7-0.4	2,500	10.2 x 28.5	73
5401002010071	ER2-020IS	2	3	1	3.5	40/20	M4/1Am	2.3	8.2	1.4-0.7	2,500	10.2 x 28.5	89
5401002510074	ER2-025IS	2.5	3	1	3.5	40/20	M4/1Am	2.8	6.6	1.1-0.6	3,130	11.2 x 31.3	100
5401003220074	ER2-032IS	3.2	3	2	3.5	40/20	M4/1Am	4.7	5.2	0.9-0.4	4,000	10.2 x 28.5	105
5401005020074	ER2-050IS	5	3	2	3.5	40/20	M4/1Am	5.6	3.3	0.6-0.3	6,250	11.2 x 31.3	128

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Dimensions

WLL	Product	Min. headroom C	D	a	b	d	e	f	g	h	i
tons	code	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm
0,125	ER2-001IH	350	430	535	345	276	259	284	27	99	117
0,250	ER2-003IS	350	430	535	345	276	259	284	27	99	117
0,250	ER2-003IH	370	490	568	348	300	268	283	27	113	106
0,5	ER2-005IL	370	490	571	348	300	271	283	27	113	106
0,5	ER2-005IS	370	490	568	348	300	268	283	27	113	106
1	ER2-010IL	430	550	614	376	316	298	335	31	129	118
1	ER2-010IS	430	550	623	376	316	307	335	31	129	118
1,6	ER2-016IS	510	630	710	427	372	338	384,5	34	160,5	137,5
2	ER2-020IL	575	630	710	427	372	338	384,5	39	160,5	137,5
2	ER2-020IS	590	630	767	427	411	356	384,5	39	160,5	137,5
2,5	ER2-025IS	625	840	800	445	401	399	437,5	39	173,5	142,5
3,2	ER2-032IS	785	920	767	427	411	356	397	44	216	82
5	ER2-050IS	850	920	800	445	401	399	439	47	231,5	84,5

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