



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
- Radio remote control
- Variable speed control
- Level limit switch
- Steel chain container
- Trolley versions: motorized, geared and plain

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

Standard preconfigured hoist (lifting height 3m, pendant control cable 2,5m)

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

Technical data

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

Blueprint

