



Electric Chain Hoist KITO ER2 Single 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
- Contactor control for single speed
- 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	Lifting speed m/min	Number of falls	Load chain Ø mm	Lifting motor Output (kW)	Lifting motor Rating (%ED)	Lifting speed* 50Hz m/min	Class ISO/FEM	Additional weight per 1 m lift	Test load kg	Weight kg
540101251840064	ER2-001H	0.125	3	14,1	1	4,3 x 12	0,56	60	14,1	M5/2m	0.42	156	27
540100031850064	ER2-003S	0.25	3	9,1	1	4,3 x 12	0,56	60	9,1	M5/2m	0.42	313	27
540100031860064	ER2-003H	0.25	3	13,4	1	6,0 x 16,8	0,56	60	13,4	M5/2m	0.81	313	37
540100051220064	ER2-005L	0.5	3	3,8	1	6,0 x 16,8	0,9	60	3,8	M5/2m	0.81	625	33
540100051870064	ER2-005S	0.5	3	7,3	1	6,0 x 16,8	0,56	60	7,3	M5/2m	0.81	625	37
540100101880064	ER2-010L	1	3	3,5	1	7,7 x 21,5	0,9	60	3,5	M5/2m	1.33	1,250	47
540100101890064	ER2-010S	1	3	7,1	1	7,7 x 21,5	0,9	60	7,1	M5/2m	1.33	1,250	54
540100161270064	ER2-016S	1.6	3	4,5	1	10,2 x 28,5	1,8	60	4,5	M5/2m	2.3	2,000	72
540100201800064	ER2-020L	2	3	3,7	1	10,2 x 28,5	1,8	60	3,7	M4/1Am	2.3	2,500	73
540100201410064	ER2-020S	2	3	7	1	10,2 x 28,5	3,5	60	7,0	M4/1Am	2.3	3,130	91
540100251910064	ER2-025S	2.5	3	5,7	1	11,2 x 31,3	3,5	60	5,7	M4/1Am	2.8	4,000	104
540100322920064	ER2-032S	3.2	3	4,4	2	10,2 x 28,5	3,5	60	4,4	M4/1Am	4.7	6,250	107
540100502810064	ER2-050S	5	3	2,9	2	11,2 x 31,3	3,5	60	2,9	M4/1Am	5.6	-	132

Technical data

Dimensions

WLL	Produkt	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	ER2-001H	350	430	478	321	219	259	260	27	99	93
0,250	ER2-003S	350	430	478	321	219	259	260	27	99	93
0,250	ER2-003H	370	490	510	348	242	268	283	27	113	106
0,500	ER2-005L	370	490	513	348	242	271	283	27	113	106
0,500	ER2-005S	370	490	510	348	242	268	283	27	113	106
1	ER2-010L	430	550	589	376	291	298	335	31	129	118
1	ER2-010S	430	550	598	376	291	307	335	31	129	118
1,6	ER2-016S	510	630	646	427	308	338	384,5	34	160,5	137,5
2	ER2-020L	575	630	646	427	308	338	384,5	39	160,5	137,5
2	ER2-020S	590	630	703	427	347	356	384,5	39	160,5	137,5
2,5	ER2-025S	625	840	736	445	337	399	437,5	39	173,5	142,5
3,2	ER2-032S	785	920	703	427	347	356	397	44	216	82
5	ER2-050S	850	920	736	445	337	399	439	47	231,5	84,5

Blueprint

