



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 | 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 | Load chain mm | Weight kg |
|-----------------|----------|---------|------------------|---------------------|-----------------|---------------------------|----------------------------|---------------------------|---------------|--------------------------------|--------------|---------------|-----------|
| 540101251840064 | ER2-001H | 0.125 | 3 | 14,1 | 1 | 0,56 | 60 | 14,1 | M5/2m | 0.42 | 156 | 4,3 x 12 | 27 |
| 540100031850064 | ER2-003S | 0.25 | 3 | 9,1 | 1 | 0,56 | 60 | 9,1 | M5/2m | 0.42 | 313 | 4,3 x 12 | 27 |
| 540100031860064 | ER2-003H | 0.25 | 3 | 13,4 | 1 | 0,56 | 60 | 13,4 | M5/2m | 0.81 | 313 | 6,0 x 16,8 | 37 |
| 540100051220064 | ER2-005L | 0.5 | 3 | 3,8 | 1 | 0,9 | 60 | 3,8 | M5/2m | 0.81 | 625 | 6,0 x 16,8 | 33 |
| 540100051870064 | ER2-005S | 0.5 | 3 | 7,3 | 1 | 0,56 | 60 | 7,3 | M5/2m | 0.81 | 625 | 6,0 x 16,8 | 37 |
| 540100101880064 | ER2-010L | 1 | 3 | 3,5 | 1 | 0,9 | 60 | 3,5 | M5/2m | 1.33 | 1,250 | 7,7 x 21,5 | 47 |
| 540100101890064 | ER2-010S | 1 | 3 | 7,1 | 1 | 0,9 | 60 | 7,1 | M5/2m | 1.33 | 1,250 | 7,7 x 21,5 | 54 |
| 540100161270064 | ER2-016S | 1.6 | 3 | 4,5 | 1 | 1,8 | 60 | 4,5 | M5/2m | 2.3 | 2,000 | 10,2 x 28,5 | 72 |
| 540100201800064 | ER2-020L | 2 | 3 | 3,7 | 1 | 1,8 | 60 | 3,7 | M4/1Am | 2.3 | 2,500 | 10,2 x 28,5 | 73 |
| 540100201410064 | ER2-020S | 2 | 3 | 7 | 1 | 3,5 | 60 | 7,0 | M4/1Am | 2.3 | 3,130 | 10,2 x 28,5 | 91 |
| 540100251910064 | ER2-025S | 2.5 | 3 | 5,7 | 1 | 3,5 | 60 | 5,7 | M4/1Am | 2.8 | 4,000 | 11,2 x 31,3 | 104 |
| 540100322920064 | ER2-032S | 3.2 | 3 | 4,4 | 2 | 3,5 | 60 | 4,4 | M4/1Am | 4.7 | 6,250 | 10,2 x 28,5 | 107 |
| 540100502810064 | ER2-050S | 5 | 3 | 2,9 | 2 | 3,5 | 60 | 2,9 | M4/1Am | 5.6 | - | 11,2 x 31,3 | 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

