

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

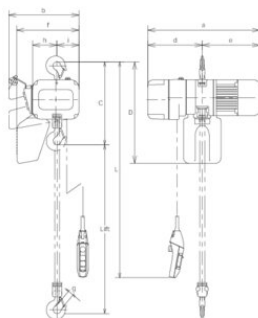
[... Read more](#)

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)

Electric Chain Hoist KITO ER2 Single Speed Series

Blueprint



Technical data

| Part code | Code | WLL ton | Lifting height m | Lifting speed m/min | Number of falls | Motor 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 | 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 |

Electric Chain Hoist KITO ER2 Single Speed Series

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 |