



Electric Chain Hoist LIFTKET STAR 125 – 6.300 kg

Product information

The LIFTKET product portfolio offers you standardized hoists that can be adjusted to your requirements in a modular way, as well as highly specialized solutions. Larger lifting and operating heights are just as viable as deviating voltages and special solutions of any kind.

Features:

- Power supply 400 V, 3 phase, 50 Hz
- From 125 kg to 6.300 kg we lift everything that moves you
- FEM ratings from Fem 1Bm to 4m (ISO M3 to M7)
- Protection class IP55, insulation class F
- Galvanized load chain to DIN 818-7 quality class DAT
- A wide range of options can be selected as standard
- Optional one or two lifting speeds from 2 to 32 m/min.
- With heavy-duty end position switch-off as standard (at 24VAC)
- Up to 200 meters high safely and anywhere
- Patented safety-brake-clutch system
- Modular hoist design
- Simply and cost effective maintenance and repair
- A unique ID makes it possible to trace exactly when a particular electric chain hoist was built by whom and with which materials – even after 10 years

Trolleys/Boogies: Manual or electric trolleys in various designs for each steel section girder.

Marking: CE-marked

Note: Standard version delivered with lifting eye (connection between crane and trolley). Alternatively, comes with suspension hook. Standard stock hoist with 6 m lifting height.

| Part Code | CodeWLL ton | Lifting height m | Lifting speed m/min | Number of falls | Chain falls | Duty rating % ED | Class ISO/FEM | Lifting speed at 50 Hz m/min | Power of lifting motor at 50 Hz kW | Load chain mm | A | B | C | G | G2 | øN | J | Weight kg |
|----------------------------|-------------|------------------|---------------------|-----------------|-------------|------------------|---------------|------------------------------|------------------------------------|---------------|-----|-----|-----|-----|-----|----|----|-----------|
| 540101251470304030/620.125 | | 3 | 8 | 1 | 1 | 60 | M7 / 4m | 8 | 0.55 | 5,2x15 | 212 | 192 | 220 | 380 | 406 | 25 | 20 | 18 |
| 540101251480306031/530.125 | | 6 | 8/2 | 1 | 1 | 60/40 | M7 / 4m | 8/2 | 0,32/0,08 | 5,2x15 | 212 | 192 | 220 | 380 | 406 | 25 | 20 | 18 |

| | | | | | | | | | | |
|----------------------------|---|--------|---|---|-------|----------|--------|-----------|--------|------------------------------|
| 540100031250304030/65 0.25 | 3 | 4 | 1 | 1 | 60 | M7 / 4m | 4 | 0.37 | 5,2x15 | 212 192 220 380 406 25 20 18 |
| 540100031470304030/64 0.25 | 3 | 8 | 1 | 1 | 50 | M6 / 3m | 8 | 0.55 | 5,2x15 | 212 192 220 380 406 25 20 18 |
| 540100031480306031/51 0.25 | 6 | 8/2 | 1 | 1 | 50/25 | M6 / 3m | 8/2 | 0,32/0,08 | 5,2x15 | 212 192 220 380 406 25 20 18 |
| 540100031570304030/50 0.25 | 3 | 12 | 1 | 1 | 60 | M5 / 2m | 12 | 0.55 | 5,2x15 | 212 192 220 380 406 25 20 18 |
| 540100031580304051/52 0.25 | 3 | 12/3 | 1 | 1 | 40/25 | M6 / 3m | 12/3 | 0,55/0,12 | 5,2x15 | 266 232 274 388 436 35 20 33 |
| 540100031710304051/55 0.25 | 3 | 18/4,5 | 1 | 1 | 60/25 | M6 / 3m | 18/4,5 | 0,9/0,2 | 5,2x15 | 266 232 274 388 436 35 20 33 |
| 540100031790304050/52 0.25 | 3 | 24 | 1 | 1 | 60 | M6 / 3m | 24 | 1.1 | 5,2x15 | 266 232 274 388 436 35 20 33 |
| 540100051250304030/54 0.5 | 3 | 4 | 1 | 1 | 40 | M4 / 1Am | 4 | 0.37 | 5,2x15 | 212 192 220 380 406 35 20 18 |
| 540100051470304030/52 0.5 | 3 | 8 | 1 | 1 | 40 | M3 / 1Bm | 8 | 0.7 | 5,2x15 | 212 192 220 428 454 25 22 18 |
| 540100052260304031/51 0.5 | 3 | 4/1 | 2 | 2 | 50/25 | M6 / 3m | 4/1 | 0,32/0,08 | 5,2x15 | 212 192 220 380 415 35 20 21 |
| 540100051520304070/51 0.5 | 3 | 10 | 1 | 1 | 60 | M5 / 2m | 10 | 1.1 | 7,2x21 | 266 232 274 413 460 35 22 36 |
| 540100051700304050/55 0.5 | 3 | 18 | 1 | 1 | 60 | M3 / 1Bm | 18 | 1.5 | 5,2x15 | 266 232 274 413 460 35 22 38 |
| 540100051480306071/54 0.5 | 6 | 8/2 | 1 | 1 | 60/25 | M5 / 2m | 8/2 | 0,9/0,2 | 7,2x21 | 266 232 274 388 436 35 20 42 |
| 540100051530304071/53 0.5 | 3 | 10/2,5 | 1 | 1 | 60/25 | M5 / 2m | 10/2,5 | 0,9/0,2 | 7,2x21 | 266 232 274 413 460 35 22 42 |
| 540100081470304070/54 0.8 | 3 | 8 | 1 | 1 | 60 | M5 / 2m | 8 | 1.1 | 7,2x21 | 266 232 274 514 561 35 28 36 |
| 540100101250304070/61 1 | 3 | 4 | 1 | 1 | 60 | M5 / 2m | 4 | 0.75 | 7,2x21 | 266 232 274 413 561 35 22 36 |
| 540100101340304070/55 1 | 3 | 6 | 1 | 1 | 40 | M5 / 2m | 6 | 1.1 | 7,2x21 | 266 232 274 514 561 35 28 36 |
| 540100102290304070/51 1 | 3 | 5 | 2 | 2 | 60 | M5 / 2m | 5 | 1.1 | 7,2x21 | 266 232 274 514 561 35 28 41 |
| 540100101350306071/55 1 | 6 | 6/1,5 | 1 | 1 | 60/25 | M5 / 2m | 6/1,5 | 1,1/0,2 | 7,2x21 | 266 232 274 413 460 35 22 42 |
| 540100101520304070/53 1 | 3 | 10 | 1 | 1 | 60 | M4 / 1Am | 10 | 1.7 | 7,2x21 | 266 232 274 514 561 35 28 42 |
| 540100102260304071/54 1 | 3 | 4/1 | 2 | 2 | 60/25 | M5 / 2m | 4/1 | 0,9/0,2 | 7,2x21 | 266 232 274 413 460 35 22 47 |
| 540100102300304071/53 1 | 3 | 5/1,25 | 2 | 2 | 60/25 | M5 / 2m | 5/1,25 | 0,9/0,2 | 7,2x21 | 359 283 359 513 548 40 28 47 |
| 540100101480304091/51 1 | 3 | 8/2 | 1 | 1 | 60/25 | M6 / 3m | 8/2 | 1,8/0,45 | 9x27 | 359 283 359 513 548 40 28 67 |

| | | | | | | | | | | | | | | | | | | |
|------------------------|-----|---|--------|---|---|-------|----------|--------|----------|---------|-----|-----|-----|-----|-----|----|----|-----|
| 540100101530304091/52 | 1 | 3 | 10/2,5 | 1 | 1 | 60/25 | M6 / 3m | 10/2,5 | 1,8/0,45 | 9x27 | 266 | 232 | 274 | 413 | 460 | 35 | 22 | 67 |
| 540100162250304070/54 | 1.6 | 3 | 4 | 2 | 2 | 60 | M5 / 2m | 4 | 1.1 | 7,2x21 | 266 | 232 | 274 | 413 | 460 | 35 | 22 | 41 |
| 540100161470304090/55 | 1.6 | 3 | 8 | 1 | 1 | 60 | M5 / 2m | 8 | 2.2 | 9x27 | 359 | 283 | 359 | 513 | 548 | 40 | 28 | 69 |
| 540100161480306091/55 | 1.6 | 6 | 8/2 | 1 | 1 | 60/25 | M5 / 2m | 8/2 | 3,0/0,75 | 9x27 | 359 | 283 | 359 | 513 | 548 | 40 | 28 | 88 |
| 540100161530304091/56 | 1.6 | 3 | 10/2,5 | 1 | 1 | 60/25 | M5 / 2m | 10/2,5 | 3,0/0,75 | 9x27 | 359 | 283 | 359 | 513 | 548 | 40 | 28 | 88 |
| 540100202190304070/55 | 2 | 3 | 3 | 2 | 2 | 40 | M5 / 2m | 3 | 1.1 | 7,2x21 | 266 | 232 | 274 | 514 | 561 | 35 | 28 | 41 |
| 540100202200306071/55 | 2 | 6 | 3/0,75 | 2 | 2 | 60/25 | M5 / 2m | 3/0,75 | 1,1/0,2 | 7,2x21 | 266 | 232 | 274 | 514 | 561 | 35 | 28 | 47 |
| 540100202290304070/53 | 2 | 3 | 5 | 2 | 2 | 60 | M4 / 1Am | 5 | 1.7 | 7,2x21 | 359 | 283 | 359 | 620 | 655 | 40 | 30 | 47 |
| 540100202260304091/52 | 2 | 3 | 4/1 | 2 | 2 | 60/25 | M6 / 3m | 4/1 | 1,8/0,45 | 9x27 | 266 | 232 | 274 | 514 | 561 | 35 | 28 | 76 |
| 540100202300304071/55 | 2 | 3 | 5/1,25 | 2 | 2 | 60/25 | M6 / 3m | 5/1,25 | 1,8/0,45 | 9x27 | 359 | 283 | 359 | 620 | 655 | 40 | 30 | 76 |
| 5401002014703041110/54 | 2 | 3 | 8 | 1 | 1 | 60 | M5 / 2m | 8 | 4 | 11,3x31 | 359 | 291 | 367 | 611 | 678 | 50 | 30 | 90 |
| 5401002014803041111/56 | 2 | 3 | 8/2 | 1 | 1 | 60/25 | M5 / 2m | 8/2 | 3,0/0,75 | 11,3x31 | 359 | 291 | 410 | 611 | 678 | 50 | 30 | 90 |
| 540100252250304090/55 | 2.5 | 3 | 4 | 2 | 2 | 60 | M6 / 3m | 4 | 2.2 | 9x27 | 359 | 283 | 359 | 620 | 655 | 40 | 30 | 78 |
| 5401002514703041110/54 | 2.5 | 3 | 8 | 1 | 1 | 60 | M4 / 1Am | 8 | 4 | 11,3x31 | 359 | 283 | 359 | 620 | 655 | 40 | 30 | 90 |
| 5401002515203041110/52 | 2.5 | 3 | 10 | 1 | 1 | 60 | M5 / 2m | 10 | 4 | 11,3x31 | 359 | 283 | 359 | 620 | 655 | 40 | 30 | 90 |
| 540100252260304091/55 | 2.5 | 3 | 4/1 | 2 | 2 | 60/25 | M6 / 3m | 4/1 | 3,0/0,75 | 9x27 | 359 | 291 | 367 | 611 | 678 | 50 | 30 | 97 |
| 540100252300304091/56 | 2.5 | 3 | 5/1,25 | 2 | 2 | 60/25 | M6 / 3m | 5/1,25 | 3,0/0,75 | 9x27 | 359 | 291 | 410 | 611 | 678 | 50 | 30 | 97 |
| 5401002514803041111/54 | 2.5 | 3 | 8/2 | 1 | 1 | 25/25 | M4 / 1Am | 8/2 | 4,4/1,1 | 11,3x31 | 359 | 291 | 410 | 611 | 678 | 50 | 30 | 118 |
| 5401002515303041111/52 | 2.5 | 3 | 10/2,5 | 1 | 1 | 40/25 | M5 / 2m | 10/2,5 | 4,4/1,1 | 11,3x31 | 359 | 291 | 367 | 611 | 678 | 50 | 30 | 118 |
| 540100322250304090/55 | 3.2 | 3 | 4 | 2 | 2 | 60 | M5 / 2m | 4 | 2.2 | 9x27 | 359 | 283 | 359 | 620 | 655 | 40 | 30 | 78 |
| 5401003214703041110/54 | 3.2 | 3 | 8 | 1 | 1 | 60 | M3 / 1Bm | 8 | 4 | 11,3x31 | 359 | 291 | 367 | 740 | 807 | 50 | 42 | 90 |
| 540100322260304091/55 | 3.2 | 3 | 4/1 | 2 | 2 | 60/25 | M5 / 2m | 4/1 | 3,0/0,75 | 9x27 | 359 | 283 | 359 | 620 | 655 | 40 | 30 | 97 |
| 540100322300304091/56 | 3.2 | 3 | 5/1,25 | 2 | 2 | 60/25 | M5 / 2m | 5/1,25 | 3,0/0,75 | 9x27 | 359 | 291 | 367 | 611 | 678 | 50 | 30 | 97 |

| | | | | | | | | | | | | | | | | | | | |
|------------------------|--------|-----|-----|--------|---|-------|----------|----------|---------|---------|---------|-----|-----|-----|-----|-----|----|-----|-----|
| 540100321480304111/54 | 3.2 | 3 | 8/2 | 1 | 1 | 25/25 | M3 / 1Bm | 8/2 | 4,4/1,1 | 11,3x31 | 359 | 291 | 410 | 611 | 678 | 50 | 30 | 118 | |
| 5401004022503041110/54 | 4 | 3 | 4 | 2 | 2 | 60 | M5 / 2m | 4 | 4 | 11,3x31 | 359 | 283 | 359 | 620 | 655 | 40 | 30 | 102 | |
| - | 111/56 | 4 | 3 | 4/1 | 2 | 2 | 60/25 | M5 / 2m | 4/1 | 4,4/1,1 | 11,3x31 | 359 | 291 | 410 | 740 | 807 | 50 | 42 | 130 |
| - | 110/52 | 5 | 3 | 4 | 2 | 2 | 60 | M5 / 2m | 5 | 4 | 11,3x31 | 359 | 291 | 410 | 740 | 807 | 50 | 42 | 102 |
| - | 110/54 | 5 | 3 | 4 | 2 | 2 | 60 | M3 / 1Bm | 4 | 4 | 11,3x31 | 359 | 291 | 367 | 740 | 807 | 50 | 42 | 102 |
| - | 111/52 | 5 | 3 | 5/1.25 | 2 | 2 | 40/25 | M5 / 2m | 5/1,25 | 4,4/1,1 | 11,3x31 | 359 | 291 | 367 | 740 | 807 | 50 | 42 | 130 |
| - | 111/54 | 6.3 | 3 | 4/1 | 2 | 2 | 25/25 | M3 / 1Bm | 4/1 | 4,4/1,1 | 11,3x31 | 359 | 291 | 410 | 740 | 807 | 50 | 42 | 130 |

Technical data

Blueprint

