



Electric Chain Hoist KITO EQ/EQS Series

Product information

General: The KITO EQ electric chain hoist is a small and powerful chain hoist with hanging suspension, aluminium die-cast body, heavy duty fan-cooled motor and a plastic chain container.

High productivity feature: 130% speed at less than 30% WLL.

Standard configuration:

- Frequency inverter
- 380 - 460 V/3 phase (EQ)
- 110V or 220V - 240V /1 phase (EQS)
- Overload protection via frequency inverter
- Counter hour meter
- Upper - lower limit switch
- Pull-rotor motor brake
- Nickel plated load chain class grade 80 (DAT) in accordance with Norm EN 818-7
- Plastic chain container
- Ergonomic push button control
- Control voltage 24 V DC
- Aluminium die-cast body small, light, rugged
- High duty rating FEM 3m / ISO M6 rating through 500 kg

Options:

- Plain and geared trolley
- Motorized trolley (inverter controlled - dual speed)
- Top hook

Note: Maximum lift with chain bag is (125kg - 500kg) 15m, (1t) 6m.

| Part code | Code | WLL ton | Lifting height m | Lifting speed m/min | Number of falls | Model Class FEM | Traversing motor Output kW | Traversing motor Rating% ED | Lifting speed m/min. High (light load) 0-30 % WLL | Lifting speed m/min. High 30-100 % WLL | Head room mm | Entire length mm | Load chain mm | Weight kg | Delivery time |
|-----------------------------|------|---------|------------------|---------------------|-----------------|-----------------|----------------------------|-----------------------------|---|--|--------------|------------------|---------------|-----------|---------------|
| 540101251760086EQ001IS0.125 | | 6 | 22 | 1 | EQ | 3m | 0,5 | 40 / 20 | 22 | 17.0/2.8 | 395 | 417 | 5,6x15,7 | 30 | 20 |
| 540101251760084EQ001IS0.125 | | 3 | 22 | 1 | EQ | 3m | 0,5 | 40 / 20 | 22 | 17.0/2.8 | 395 | 417 | 5,6x15,7 | 32 | 20 |
| 540100031640086EQ003IS 0.25 | | 6 | 13 | 1 | EQ | 3m | 0,5 | 40 / 20 | 13 | 10.0/1.7 | 395 | 417 | 5,6x15,7 | 30 | 20 |
| 540100031640084EQ003IS 0.25 | | 3 | 13 | 1 | EQ | 3m | 0,5 | 40 / 20 | 13 | 10.0/1.7 | 395 | 417 | 5,6x15,7 | 31 | 20 |
| 540100051500086EQ005IS 0.5 | | 6 | 9,9 | 1 | EQ | 3m | 0,75 | 40 / 20 | 9,9 | 7.6/1.3 | 410 | 417 | 5,6x15,7 | 32 | 5 |
| 540100051500084EQ005IS 0.5 | | 3 | 9,9 | 1 | EQ | 3m | 0,75 | 40 / 20 | 9,9 | 7.6/1.3 | 410 | 417 | 5,6x15,7 | 32 | 20 |
| 540100101500086EQ010IS 1 | | 6 | 9,2 | 1 | EQ | 2m | 1,5 | 40 / 20 | 9,2 | 7.1/1.2 | 465 | 433 | 7,1x19,9 | 42 | 5 |
| 540100101500084EQ010IS 1 | | 3 | 9,2 | 1 | EQ | 3m | 1,5 | 40 / 20 | 9,2 | 7.1/1.2 | 465 | 433 | 7,1x19,9 | 42 | 20 |

Technical data

Technical data EQ with motorized trolley

| Type | Traversing motor | | Traversing speed* (m/min) | | | Flange width B (mm) | | Min. radius curve (mm) |
|--------------|------------------|--------------|---------------------------|-----------|----------|---------------------|------------|------------------------|
| | Output (kW) | Rating (%ED) | Standard | 50Hz High | 50Hz Low | Standard | Option | |
| EQM1001IS-IS | 0,4 | 27/13 | Standard | 24 | 4 | 58 to 163 | 164 to 305 | 800 |
| EQM1003IS-IS | 0,4 | 27/13 | Standard | 24 | 4 | 58 to 163 | 164 to 305 | 800 |
| EQM1005IS-IS | 0,4 | 27/13 | Standard | 24 | 4 | 58 to 163 | 164 to 305 | 800 |
| EQM1010IS-IS | 0,4 | 27/13 | Standard | 24 | 4 | 58 to 163 | 164 to 305 | 800 |