



## Electric Chain Hoist KITO FER2

### Product information

**General:** The electric chain hoist engineered for the food industry. Food grade lubricants used on the load chain and in the gearbox are NFS H1 compliant for safe use in any facility where incidental contact with products is a concern. It lifts from 500 kg up to 2 tons.

#### Standard configurations:

- 400 V/50 Hz/3P
- Standard lifting height 3 m
- Electromagnetic brake: improved performance and safety
- Robust Aluminium die-cast body protects the frequency inverter against external influences
- White epoxy bottom hook
- Stainless steel hook latch
- Totally enclosed, fan-cooled electric motor
- Low-maintenance and easy-operation frequency inverter for 2 lifting speeds for an exact positioning of the load
- Contactor control for single speed
- Carbon friction clutch: protects the chain hoist in the case of an overload against damages and offers the user a higher degree of safety
- Canvas chain container as standard
- Upgraded annealing process of the nickel-plated load chain (class DAT in accordance with standard EN 818-7) with high strength (800 N/mm<sup>2</sup>) ensures ultimate resistance and durability

#### Options:

- Corrosion resistant hook kit - stainless steel load hook, stainless steel rubber cushion (0.5t & 1t), nickel plated stopper (0.5t & 1t), stainless steel chain spring & limiting plate (2t)
- Corrosion resistant trolley kit - stainless steel trolley wheels, stainless steel guide rollers, nickel plated suspender, nickel plated suspension shaft
- Stainless steel, plastic or canvas chain container
- Pendant cover

**Temperature range:** -20°C up to +40°C

| WLL ton | Product code | Lifting speed m/min. | Hoist motor H.P. | Bottom hook headroom. Standard mm | Bottom hook headroom. Stainless steel mm | Rated current (amp) 220V | Rated current (amp) falls 440V | Load chain | Rated current (amp) Weight 575V | Weight kg | Delivery time |
|---------|--------------|----------------------|------------------|-----------------------------------|--|--------------------------|--------------------------------|------------|---------------------------------|-----------|---------------|
| 0.5     | FER2005L     | 4,6                  | 0,75             | 370                               | 452                                      | 3,4                      | 1,7                            |            | 1,4                             | 33        | 12            |
| 1       | FER2010L     | 4,3                  | 1,2              | 432                               | 539                                      | 4,8                      | 2,5                            |            | 1,8                             | 38        | 12            |
| 2       | FER2020L     | 4,3                  | 2,4              | 574                               | 594                                      | 8,6                      | 4,2                            |            | 3,3                             | 74        | 12            |

## Technical data

### Dimensions

| WLL tons | Product code | C mm | D   | a   | b   | d   | e   | f     | g  | h     | i     |
|----------|--------------|------|-----|-----|-----|-----|-----|-------|----|-------|-------|
| 0,5      | FER2005L     | 370  | 490 | 513 | 348 | 242 | 271 | 283   | 27 | 113   | 106   |
| 1        | FER2010L     | 430  | 550 | 589 | 376 | 291 | 298 | 335   | 31 | 129   | 118   |
| 2        | FER2020L     | 575  | 630 | 646 | 427 | 308 | 338 | 384,5 | 39 | 160,5 | 137,5 |

# Blueprint

