

KITO

HOISTS FOR WIND TURBINES

ELECTRIC CHAIN HOISTS & MANUAL HOISTS



ER2 WIND HOIST

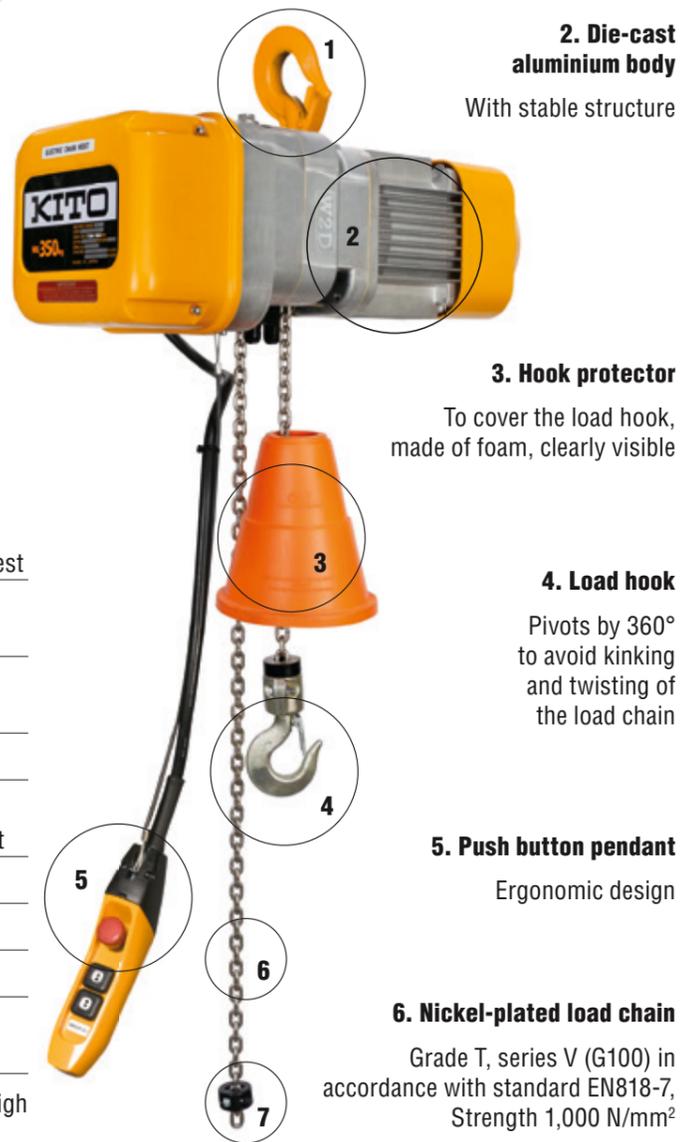
KITO ER2 electric chain hoist is a reliable and robust device which is used for all demanding applications such as wind turbines.

Options

- ▶ Radio remote control
- ▶ Foam hook protector
- ▶ Plain, geared or motorised trolley
- ▶ Special voltages on request

FOR YOUR WIND TURBINE

Load Capacity	Up to 800 kg fixed. Higher load capacities on request
Operating Voltage	3 phase 400/690 V, other voltages on request
Lifting Height	Up to 150 m, other lifting heights on request
Lifting speed	Up to 28 m/min
Classification	FEM 1Bm, ISO M3, other classifications on request
Motor Protection	Thermal motor protection PTC
IP Protection	Class IP55
Motor	Fan-cooled
Brake	Electromagnetic brake or pull rotor brake
Load Chain	Nickel-plated load chain with high corrosion resistance
Load Sheave	5 or 6 pockets (depending on the product model) for very smooth operation



1. Device suspension

Top hook or connector can be easily assembled and disassembled

2. Die-cast aluminium body

With stable structure

3. Hook protector

To cover the load hook, made of foam, clearly visible

4. Load hook

Pivots by 360° to avoid kinking and twisting of the load chain

5. Push button pendant

Ergonomic design

6. Nickel-plated load chain

Grade T, series V (G100) in accordance with standard EN818-7, Strength 1,000 N/mm²

7. Chain stopper

1. Electromagnetic brake

Ensures powerful braking and holds the load securely

2. Thermal overload limiter

Prevents the motor from overheating

3. Chain guide

Uniquely structured to ensure even running

4. Gearbox

Helical gears reduce operating noise



5. Fan cooling

The combination of the aluminium die-cast body and fan system ensure optimum cooling

6. Upper / lower limit switch

Stops the hook when the highest or lowest position has been reached

7. Friction clutch

To protect the components subject to stress against overloading

8. Direct cabling

Internal connectors make it easier to connect the device



Operating hours counter / load cycle counter built into frequency inverter

The display of operating data allows maintenance intervals to be planned effectively

KITO



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