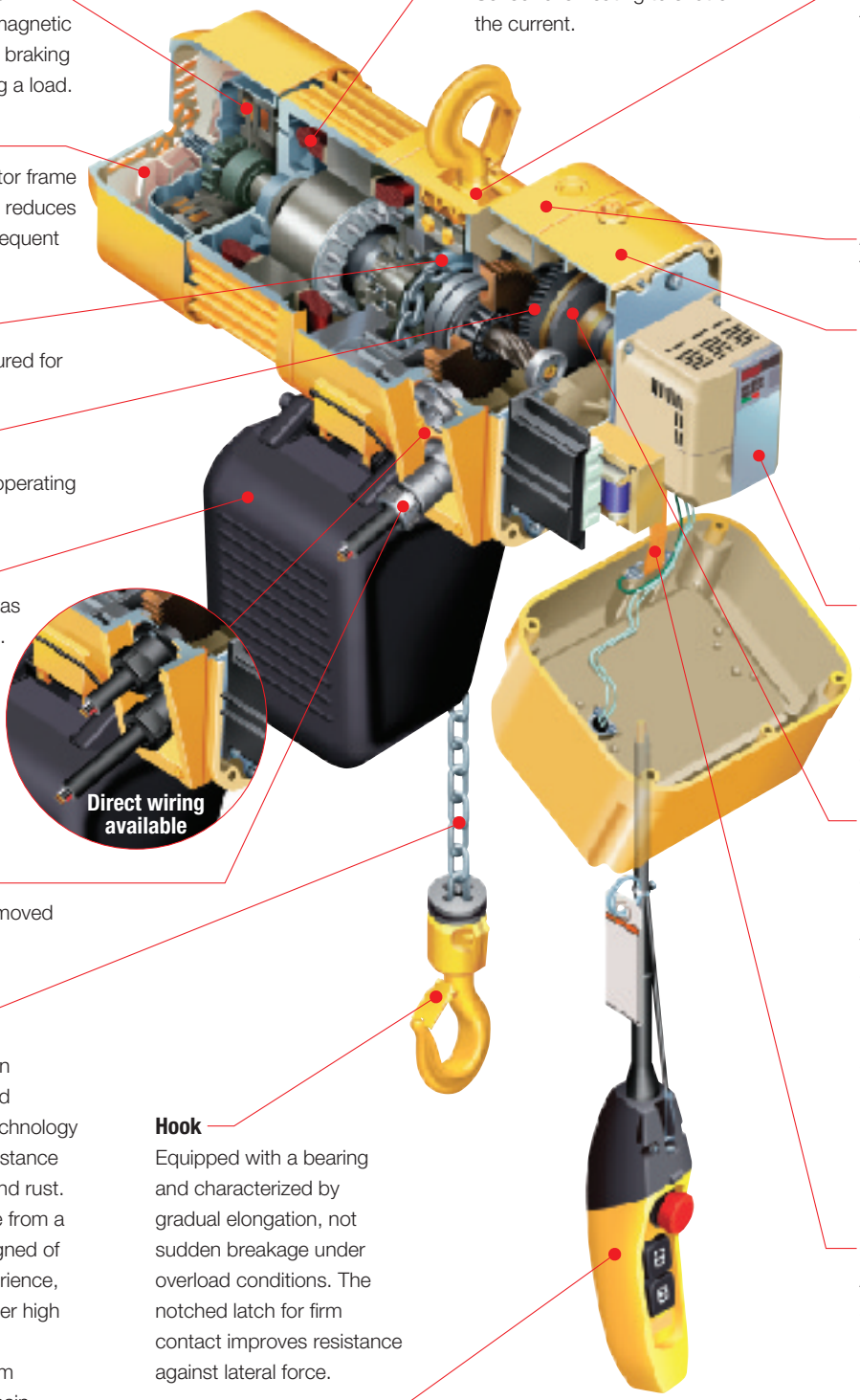
ER2 Electric Chain Hoist



Electromagnetic brake
Current-driven electromagnetic brake produces strong braking power, securely holding a load.

External motor fan
Aluminum die-cast motor frame with external motor fan reduces rise in heating during frequent operation.

Chain guide
KITO's uniquely-structured for smooth chain-feeding.

Gears
Helical gears reduces operating noise.

Chain container
Durable plastic or canvas containers as standard.

Plug connection
Easily attached and removed

Load chain
Nickel-plated load chain standard, manufactured through KITO's own technology to provide a higher resistance against fatigue, wear and rust. The load chain is made from a unique alloy-steel designed of KITO's study and experience, which is produced under high quality control through automated facilities from material incoming to chain completion. The load chain is manufactured with hard surface to increase wear resistance and is well-balanced between its strength and toughness in the core section.

Hook
Equipped with a bearing and characterized by gradual elongation, not sudden breakage under overload conditions. The notched latch for firm contact improves resistance against lateral force.

Push button control
Originally designed with emergency stop provided as standard that is both operator friendly and has greater durability.

Thermal protector
Sensor overheating to shut off the current.

Connecting shaft
The connecting shaft is mounted on the outside of the body. This allows the top hook or suspender to be attached or removed with ease (except for Body F).

Aluminum die-cast body
Tough body

Enclosure
Dust-protected and jet-protected (IP55)

Electromagnetic contactor
Mechanically interlocked to prevent multi-switching at the same time

CH meter built-in inverter
Recording and displaying no. of lowering starts and the hoist on-time enable right maintenance appropriate for operational frequency.

Friction clutch
Originally developed as an emergency overload protection by KITO to slip the force from the motor in such lifting an anchored object.

Upper-lower limit switch
Simplified structure - stops the hoist at both ends of the hook path as a double safety mechanism with Friction clutch. (Not regular use)

Cover belt
Attached to the controller cover and gear case convenient for maintenance.