



KITO 
HOISTS & CRANES
1 t
CODE: MR2-0185 MFG. YEAR
LOT No:
SERIAL No:
TRAVELING SPEED:
0.333 m/s 50Hz
0.400 m/s 60Hz
MADE IN JAPAN

KITO 
HOISTS & CRANES
1 t
SIZE: ERC-D GRADE: M5
CODE: ER2-0109
CHAIN SIZE: 7.7 x 21.6mm
LOT No: MFG. YEAR
SERIAL No:
LIFTING SPEED: 0.142/0.0233 m/s
MADE IN JAPAN

D CHAIN LIFT MAX
7.7 t

ER2

ELECTRIC CHAIN HOIST

Fail-Safe Brake

Kito's DC-current brake design reduces maintenance costs by eliminating drag at start and responding immediately at stop. This also places less torque on the motor providing extremely quiet and smooth operation. Unlike voltage brakes, the advanced technology used in Kito's DC-current brake protects you from hoist failure in the event of motor burnout or single-phasing.

- ▶ 10 year/2,000,000 cycle brake warranty
- ▶ No adjustment needed
- ▶ Electrical failsafe design

10yr
brake
warranty



Durable Upper/Lower Limit Switch

The limit switch stops operation if either end of the load chain contacts the hoist body, protecting against unnecessary downtime and service costs. The ER2's redesigned upper/lower limit switch features enhanced durability and low profile design for improved hoist headroom.



Long-Life Friction Clutch

The friction clutch prevents damage to the hoist by automatically engaging in the event of a severe overload. When the slip clutch engages the motor is allowed to continue turning protecting both you and the hoist.



Ergonomic Push Button Pendant

Your comfort and safety are assured with push-button pendants that are fitted with ergonomic controls and an emergency stop button.



DEFY GRAVITY

ER2

Series Electric Chain Hoist

1/8 to 20 metric tonne 3 Phase (220 / 440 / 575 volt)

Engineered to perform in the industry's toughest applications and most extreme conditions, the ER2 Series Hoists feature advanced hoist technology, easy serviceability, and unmatched durability.



KITO
HOISTS & CRANES

Features

1 Extreme Duty TEFC Motor

Equipped with cooling fins on all four sides of the motor housing and thermal overload protection, the ER2's totally enclosed fan cooled motor (TEFC) can efficiently dissipate heat allowing for industry leading duty ratings.

- ▶ 360 starts per hour*
- ▶ 60% duty cycle *
- ▶ 60 min "short-time" rated *
- ▶ 36 min "on-time" rated *

2 Adjustable Dual Speed VFD

220V & 440V dual speed hoists are outfitted with an "under-the-cover" variable frequency drive as standard. This device works by varying the power to the motor, allowing both the high and low speeds to be adjustable (factory set to 6:1). The VFD also adds soft-start/soft-stop operation reducing load vibration, swing and bounce giving you more precise load control and increasing the life of the hoist.

3 Improved Load Chain & Sheave

Our innovative chain manufacturing process produces a shorter link pitch allowing for increased abrasion resistance and strength. The shorter chain link also allows for more pockets on the load sheave, reducing vibration and allowing for smoother operation.

4 Forged Carbon Steel Hooks

Engineered to open gradually and not fracture under excessive loads, the forged carbon steel hook features a notched tip which interlocks with the safety latch for increased durability. These features allow for easy pre-use inspection of the hooks enabling you to operate the hoist with confidence.

5 Standard Count Hour Meter

The CH meter records the hoist starts and run time (hours). This ensures that maintenance personnel have an accurate record of the hoist's operating profile, making for a safer workplace.

6 Quick Connect Plugs

The ER2's locking quick connect plugs allow for easy installation and maintenance. All electric cords connecting the hoist to the pendant, power supply, and motorized trolley (if used) are fitted with durable, CSA approved quick connect plugs.

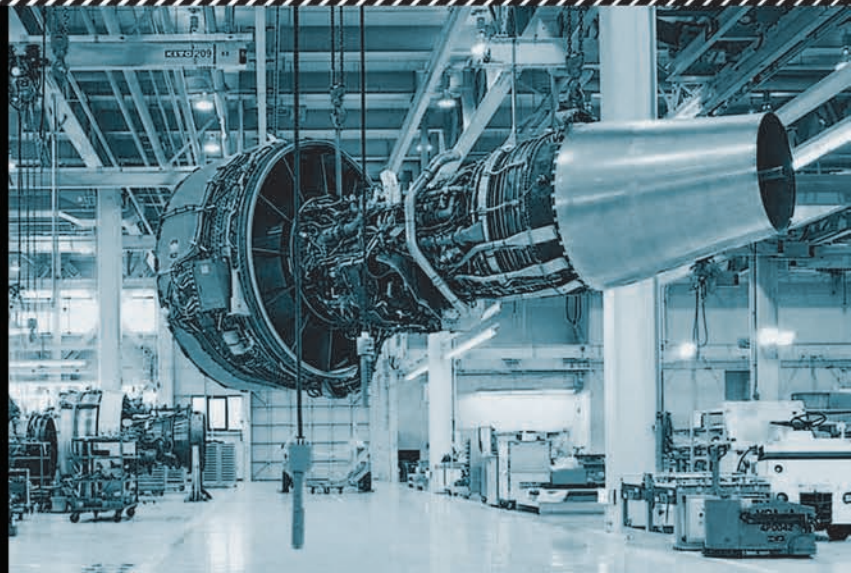
* Single-speed model

Additional Features:

- ▶ 5:1 Safety factor
- ▶ Grade 80, case hardened, nickel plated chain
- ▶ 360° swivel bottom hook

Specifications:

- ▶ Safety standard: ASME B30.16
- ▶ Performance standard: ASME HST-1
- ▶ Hoist classification: ASME H4
- ▶ Electrical certification: CSA
- ▶ Environmental protection: IP55
- ▶ Operating temperatures: -20°C to 40°C



Options to Increase Your Productivity

- ▶ Three phase 220/440 volt adjustable 2-speed
- ▶ Three phase 575 volt dual speed
- ▶ Ergonomic cylinder control for easy one-handed operation
- ▶ Chain bag to keep chain clean and safely out of the way



Motorized Trolley Mount



Hook Mount

Options to Suit Your Application

- ▶ Custom lift & pendant lengths
- ▶ Plain, geared, or motorized trolley mount
- ▶ Short-lift, low-headroom chain buckets
- ▶ Long-lift, steel chain buckets



Plain Trolley Mount



Geared Trolley Mount

Call 1 888 322 KITO for further information or assistance with product selection

KITO is registered to the ISO9001 quality standard

KITO Canada Inc.
309 - 3815 1st Ave.
Burnaby, BC V5C3V6

KITO Canada Inc.
36 - 2400 Lucknow Drive
Mississauga, ON L5S1T9

All other specifications, dimension and drawings are available at www.kito.ca

PRINTED IN CANADA | L - INTER2 - ENG

1 888 322 KITO (5486) | WWW.KITO.CA

KITO
HOISTS & CRANES