

NER/ER Electric Chain Hoists

Extreme Duty Motor

Increased performance through 60 minute duty rating, H4 classification, Class B insulation, cooling fins, and standard thermal motor protection. Offers higher horsepower than most competitors.

External Motor Fan

Functions to quickly eliminate motor and brake heat. This results in improved hoist duty rating and greatly lengthens brake life. Motor is totally enclosed, fan cooled (TEFC).

Pull-Rotor Motor Brake

Extremely durable and reliable, this advanced design contains no brake coil to fail like conventional disc brakes.

Compact Aluminum Body

Die-cast body is lightweight and offers low headroom—one of the best in the industry. Paint is electrostatically applied.

Durable Push-Button Pendant

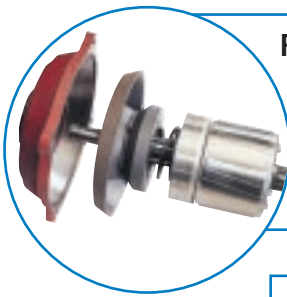
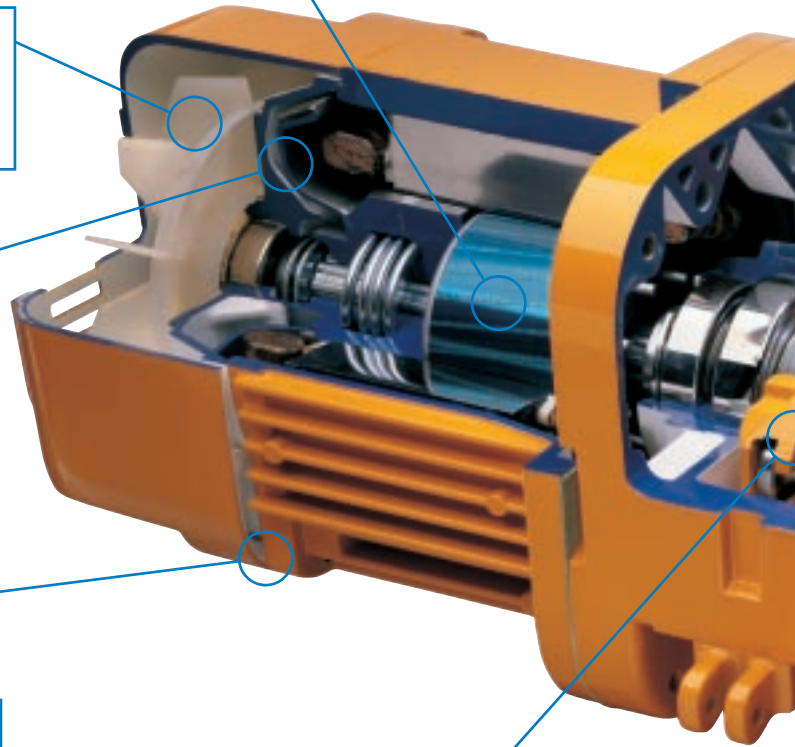
Easy to use, one-handed operation. Rated IP65. Standard control voltage is 110V. Strain relief wire is molded to pendant cord for added support and dependability.

Forged Carbon Steel Hooks

Under excessive loads will open gradually and not fracture. Ball bearings produce smooth rotation. Bottom hook will swivel 360 degrees. Heavy-duty hook latches are standard.

Unique Chain Guide

Provides quiet and smooth guiding of chain. Easily replaced without disassembly of hoist. Heavy cast iron construction for improved wear versus stamped steel design offered by many manufacturers.



Load Sheave

Deep-groove pockets fully support the load chain during operation. Reduces vibration and chain wear and provides a true vertical lift.

Long Life Friction Clutch

Protects hoist from damage and prevents overwinding. ER Series couples Weston-style load brake with friction clutch.

Completely Sealed Body

Suitable for both indoor and outdoor applications, including harsh environments. Gaskets throughout the hoist provide for an IP55 rating.

Heat Treated Helical and Spur Gears

Precision machined for long life. Oil bath lubrication results in a quiet, smooth, cool operation.

Count Hour Meter

This maintenance feature, supplied as standard on the ER Series hoists, tracks motor starts, running time and usage history by instant digital display. Meter operates independently of the hoist.

Easy Maintenance Control Panel

Simple layout of controls and a single swing-out panel. Hinged controller cover provides standard wiring diagram and allows fast on-site access.

Superior Quality Chain

Precision gauged, Grade 80, nickel-plated load chain is heat treated for wear resistance and extended life. Single fall available through 3 Ton.

Operating Conditions

Recommended for -4° to +104°F and humidity of 85% or less.

Plug-In Connections

Saves valuable time on setup and maintenance.

“Quick disconnect” replaces typical competitive hard-wired designs.



NER/ER Cylinder Control Electric Chain Hoists With Hook and Lug Suspensions

We have expanded the benefits of the ergonomically designed cylinder control into our full-featured NER/ER Series of electric chain hoists. For three-phase applications requiring ease of control, one-handed operation, fast lifting speeds and heavy duty production, these hoists will increase productivity, add to operator comfort and answer your ergonomic needs.

Refer to pages 4 and 5 for features and benefits and page 8 for standard hoist specifications.

Unique Features and Benefits

In-Line Handgrip

Unique cylinder control replaces standard pendant. Design permits one-handed operation and gives the operator a free hand to easily position the load. Cylinder control kit is available with hoist or as kit for field installation.

High/Low Speeds

Easy touch rocker switch above handgrip on dual speed models allows quick selection between low and high speeds.

Removable Bottom Hook

Permits insertion of a variety of below-the-hook material handling devices.



NER003SDCC

Unique Hoist Specifications

Capacity Range

1/8 Ton–1/4 Ton

Standard Lift

6' (other lifts not available)

Standard Reach

9' (approx.)
(reach equals lift plus headroom)

Chain Containers

Standard
Plastic

SINGLE SPEED—SPECIFICATIONS

Cap. (Tons)	Product Code	Std. Lift (ft)	Lifting Speed (ft/min)	Lifting Motor 3 Phase 60 Hz			Load Chain Dia. (mm) x Chain Fall Lines	Net Weight (lbs)
				Output (Hp)	Rated Current (amps)			
					@208-230V	@460V		
1/8	(N)ER001HCC	6	57	0.75	4.2	2.1	5.0 x 1	68
1/4	(N)ER003SCC		39	0.75	4.2	2.1	5.0 x 1	68

SINGLE SPEED—DIMENSIONS

Cap. (Tons)	Product Code	Headroom C (in)	D (in)	a (in)	b (in)	d (in)	e (in)	f (in)	g (in)	h (in)	i (in)
1/8	(N)ER001HCC	40.6	17.7	21.1	13.0	10.4	10.7	10.4	1.0	4.0	3.9
1/4	(N)ER003SCC	40.6	17.7	21.1	13.0	10.4	10.7	10.4	1.0	4.0	3.9

DUAL SPEED—SPECIFICATIONS

Cap. (Tons)	Product Code	Std. Lift (ft)	Lifting Speed (ft/min)	Lifting Motor 3 Phase 60 Hz			Load Chain Dia. (mm) x Chain Fall Lines	Net Weight (lbs)
				Output (Hp)	Rated Current (amps)			
					@208-230V	@460V		
1/8	(N)ER001HDCC	6	58/19	0.6/0.2	2.9/2.4	1.5/1.2	5.0 x 1	79
1/4	(N)ER003SDCC		29/10	0.6/0.2	2.9/2.4	1.5/1.2	5.0 x 1	79

DUAL SPEED—DIMENSIONS

Cap. (Tons)	Product Code	Headroom C (in)	D (in)	a (in)	b (in)	d (in)	e (in)	f (in)	g (in)	h (in)	i (in)
1/8	(N)ER001HDCC	40.6	17.7	22.2	13.0	10.4	11.9	10.4	1.0	4.0	3.9
1/4	(N)ER003SDCC	40.6	17.7	22.2	13.0	10.4	11.9	10.4	1.0	4.0	3.9

