

## Electric Chain Hoists

### Enhanced Features

#### UL® Listed\*

Certified and listed to UL 1340 "Standard for Hoists."



#### Easy Access Suspension

External pins allow for quick change from hook to lug for trolley mount configurations on most models.



#### Perpendicular Orientation

PT push trolley mount and MR motorized trolley mount hoists are configured as perpendicular to the beam on single fall models. Parallel mount is available as an option.



#### High Strength, Corrosion and Wear Resistant Load Chain

Grade 80, super strength, nickel-plated load chain, certified to DIN standards, uses unique technology to greatly increase resistance to fatigue and wear.



#### Green Initiative

Built smarter without the use of harmful materials. Environmentally friendly. RoHS compliant.



#### Notched Hook and Latch System

Provides positive closing and improves resistance against lateral forces standard on most models.



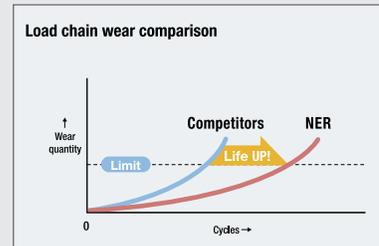
#### Unique Load Sheave

Increased number of pockets reduce chain vibration and increase chain life. 5 pockets standard; 6 pockets on smaller body hoists.



#### Extended Chain Life

Decreased chain wear as a result of a revolutionary heat treatment process, improved material and chain size.



\*Most models shipped with UL listing. Contact Customer Service for listed models.

### Limit Switches

Low-profile upper and lower limit switches are standard.



### Contactors

Mechanically interlocked, heavy-duty contactors on single speed models.



### Friction Clutch and Load Brake

Friction clutch is standard on NER/ER models and friction clutch with mechanical load brake standard on ER models. Carbon friction material provides consistent performance over a wide temperature range.



### High Air Flow

Cooler motor and brake attributed to an engineered motor fin, fan blade and fan cover design.



### Standard Count Hour Meter

Records and displays the number of lowering starts and hoist on time which is valuable for preventive maintenance. Integral to VFD on dual speed models.



### Dual Speed VFD

Under-the-cover VFD standard for dual speed hoists. Speed ratio is 6:1 with adjustability up to 12:1.



### “The Guardian” Smart Brake Technology

A current driven electromagnetic brake does not release unless the motor is energized. **10 year hoist brake warranty.**

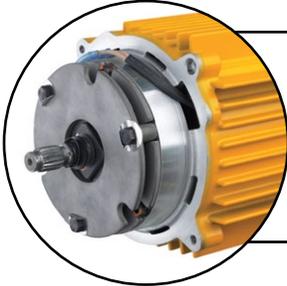


### Pendant Controls

Ergonomic design for operator comfort. Red button emergency stop is standard on all 4-button and on 2-button dual speed pendants.



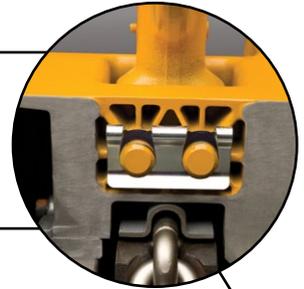
## Electric Chain Hoists



**“The Guardian”: Smart Brake Technology**  
Revolutionary DC current motor brake with electrical failsafe design. **10 year warranty.**

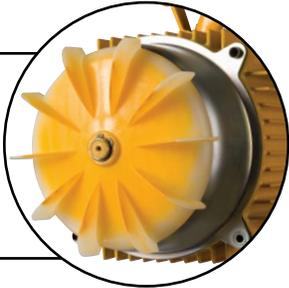
### Suspension

Hoist is easily changed from hook to lug mount configurations with external suspension pins on most models.



### Totally Enclosed Fan Cooled (TEFC) Motor

Engineered motor fin, fan blade and fan cover design cools the motor and brake.



### 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.

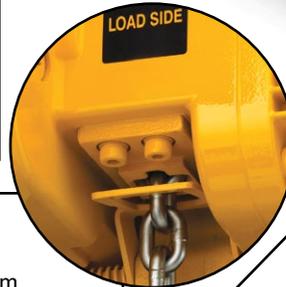
### Durable Push Button Pendant

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. E-stop is standard on all 4-button pendants and on 2-button dual speed pendants.



### Upper/Lower Limit Switches

Low profile upper and lower limit switches provide excellent headroom.

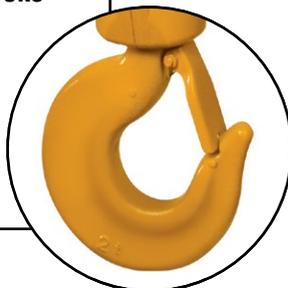


### Load Sheave

5 or 6 deep-groove pockets fully support the load chain during operation. Reduces vibration and chain wear. Provides true vertical lift.

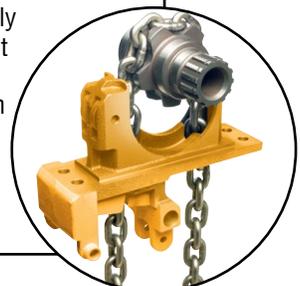
### Forged Carbon Steel Hooks

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 hoist disassembly. Heavy cast iron construction for improved wear versus stamped steel design offered by many manufacturers.



**Heat Treated Helical and Spur Gears**

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

**Mechanical Load Brake**

Mechanical (secondary) Weston-style load brake standard on ER models.

**Long Life Friction Clutch**

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

**Compact Aluminum Body**

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

**Completely Sealed Body**

Suitable for both indoor and outdoor applications, including harsh environments. (Consult Owner's Manual for details.) Gaskets throughout the hoist provide for an IP55 rating.

**Contactors**

Mechanically interlocked heavy-duty contactors (single speed).

**Variable Frequency Drive**

Dual speed controls via "under-the-cover" variable frequency drive standard. Optional 2-step and 3-step infinitely variable control.

**Count Hour Meter**

This maintenance feature tracks motor starts, running time and usage history by instant digital display. Meter operates independently of the hoist. Integral to VFD on dual speed models.

**Easy Maintenance Control Panel**

Simple layout of controls and a single swing-down panel. Captured control cover provides standard wiring diagram and allows fast on-site access.

**Plug-in Connections**

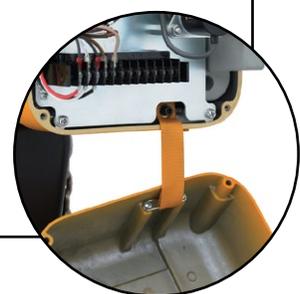
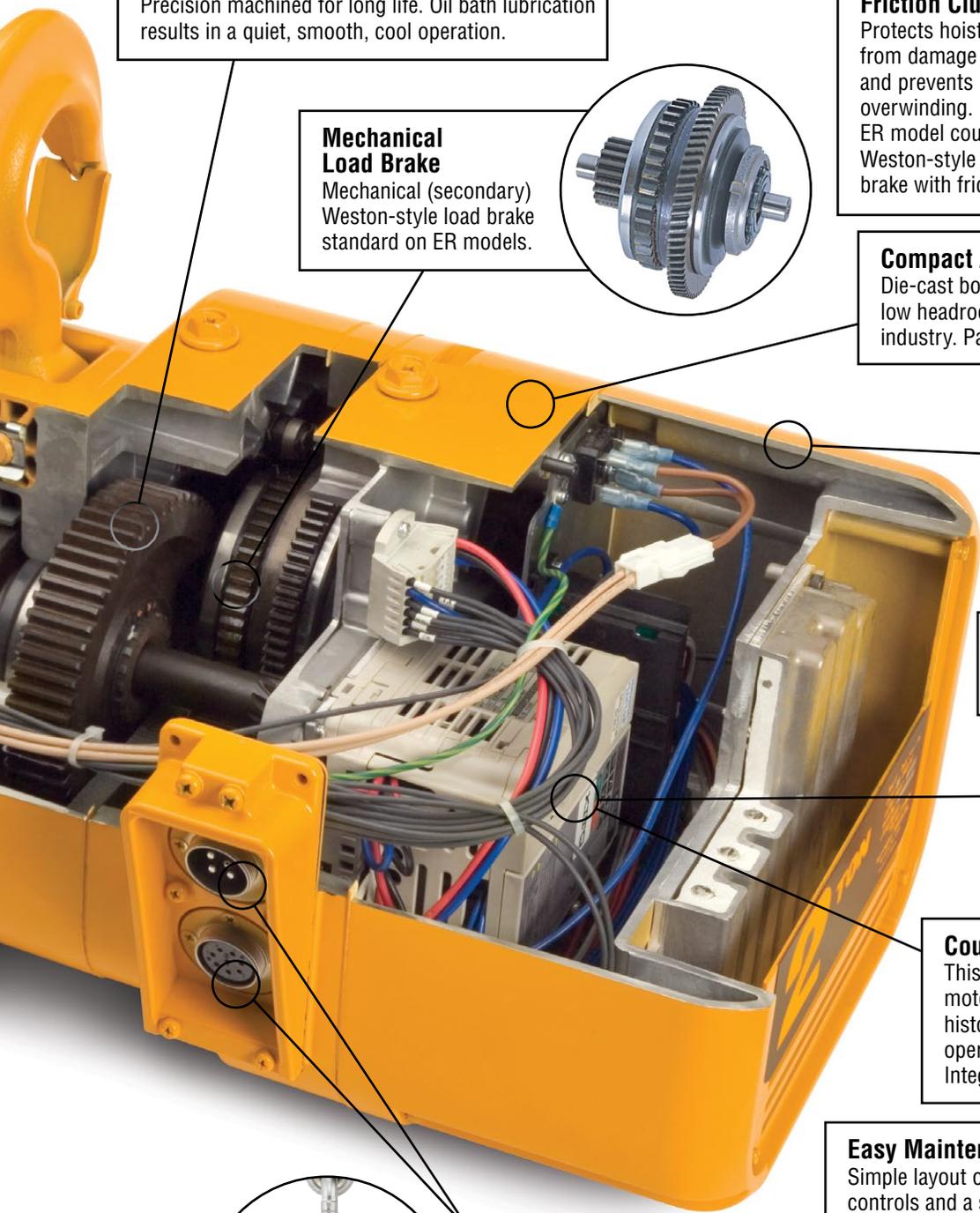
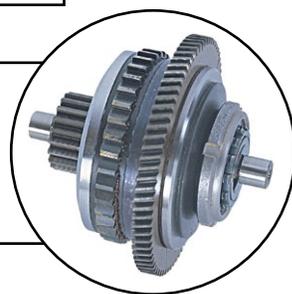
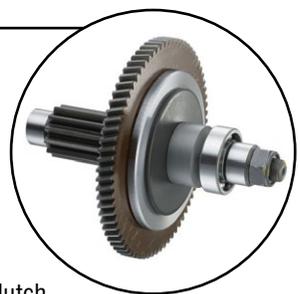
Saves valuable time on set up and maintenance. "Quick disconnect" replaces typical competitive hard-wired designs.

**Corrosion Resistant Load Chain**

Nickel-plated, Grade 80, DIN chain for superb durability and strength.

**Operating Conditions**

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



# NERM/ERM Electric Chain Hoists with Motorized Trolleys



NERM/ERM020L-L/S  
(Shown with optional  
canvas chain container)

The MR Series of electric trolleys further expand the capabilities of our NER/ER line of electric hoists. These trolleys feature an innovative side guide roller system that results in very smooth travel along the beam.

## Features and Benefits

### UL® Listed\*\*

Certified and listed to UL 1340 "Standard for Hoists."

### Easy Access Suspension

External pins allow for quick change from hook to lug for trolley mount configurations on most models.

### Perpendicular Orientation

MR motorized trolley mount hoists are configured as perpendicular to the beam. Parallel mount is available as an option.

### Green Initiative

Built smarter without the use of harmful materials. Environmentally friendly. RoHS compliant.

### Notched Hook and Latch System

Provides positive closing and improves resistance against lateral forces.

### High Air Flow

Cooler motor and brake attributed to an engineered motor fin, fan blade and fan cover design.

### Unique Load Sheave

Increased number of pockets reduce chain vibration and increase chain life. 5 pockets standard; 6 pockets on smaller body hoists.

### Extended Chain Life

Decreased chain wear as a result of a revolutionary heat treatment process, improved material and chain size.

### Limit Switches

Low-profile upper and lower limit switches are standard.

### Contactors

Mechanically interlocked, heavy-duty contactors on single speed models.

### Friction Clutch and Load Brake

Friction clutch is standard on NER/ER models and friction clutch with mechanical load brake standard on ER models. Carbon friction material provides consistent performance over a wide temperature range.

### High Strength, Corrosion and Wear Resistant Load Chain

Grade 80, super strength, nickel-plated load chain, certified to DIN standards, uses unique technology to greatly increase resistance to fatigue and wear.

### Standard Count Hour Meter

Records and displays the number of lowering starts and hoist on time which is valuable for preventive maintenance. Integral to VFD on dual speed models.

### Dual Speed VFD

Under-the-cover VFD standard for dual speed hoists and trolleys. Hoist speed ratio is 6:1 with adjustability up to 12:1. Trolley speed ratio is 6:1 with adjustability up to 10:1.

### "The Guardian": Smart Brake Technology

A current driven electromagnetic brake does not release unless the motor is energized. 10 year hoist brake warranty.

### Pendant Controls

Ergonomic design for operator comfort. Red button emergency stop is standard on all 4-button pendants.

## Standard Motorized Trolley Specifications

### Capacity Range

1/8 Ton – 5 Ton  
(See page 34 for 8 – 20 Ton)

### Standard Voltage

208-230/460-3-60  
Optional voltages available  
Dual speed models are not reconnectable

### Control Voltage

110V (optional 24V)

### Duty Cycle\*

Single Speed – 30 Min.  
Dual Speed – 30/10 Min. with VFD

### Classification\*

ASME H4  
ISO M5 or M4  
FEM 2m or 1Am

### Ratings

Trolley – IP55  
Pendant – IP65

### Standard Pendants

4-button (momentary contacts) with emergency on/off (maintained contacts)

### Shafts

Standard shafts fit wide flange range  
Longer shafts for wider beams  
Spacers for easy adjustments

### Drop Stops

Standard

### Bumpers

Standard

### Wheels

All steel  
Shielded ball bearings  
Fit flat or tapered beam flange

### Standard Power Supply Length

30' (longer lengths available)

### Standard Pendant Drop

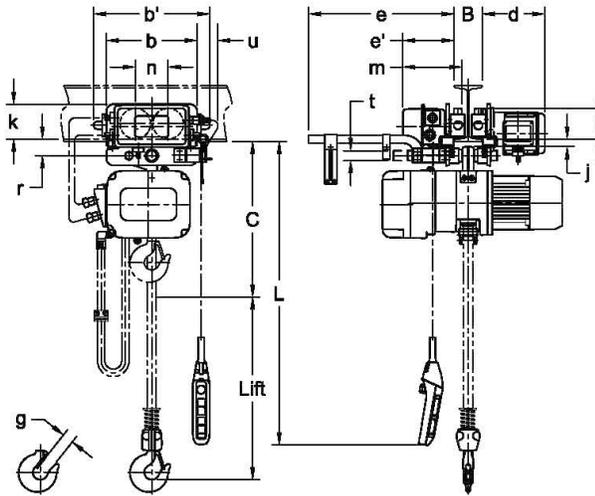
4' less than lift (longer drops available)

\*See page 59 for additional information.

\*\*Most models shipped with UL listing. Contact Customer Service for listed models.  
The 3 Ton (N)ERM030L is the previous hoist model.



NERM/ERM020L-L/S  
(Shown with optional  
canvas chain container)



NERM/ERM020L-L/S

**SINGLE SPEED HOIST WITH SINGLE SPEED TROLLEY — SPECIFICATIONS**

Cap. (Tons)	Product Code	Std. Lift (ft)	Push Button Cord L (ft)	Lifting Speed (ft/min)	Traversing Speed (ft/min)	Lifting Motor 3 Phase 60 Hz			Traversing Motor 3 Phase 60 Hz			Flange Width Adjustability B (in)		Minimum Allow. Radius for Curve (in)	Load Chain Diameter (mm) x Chain Fall Lines	Net Weight (lbs)		Weight for Additional One Foot of Lift (lbs)	
						Output (Hp)	Rated Current (amps) @208-230V @460V		Output (Hp)	Rated Current (amps) @208-230V @460V		Standard	Optional			NER	ER		
1/8	(N)ERM001H-L/S	10	8.2	55	L = 40 S = 80	0.75	3.4	1.7	0.54	3.2	1.6	2.28 to 5.00	5.01 to 6.02 OR 6.03 to 12.00	31.5**	4.3 x 1	128	130	0.28	
1/4	(N)ERM003S-L/S			36		0.75	3.4	1.7	0.54	3.2	1.6				4.3 x 1	128	130	0.28	
1/4	(N)ERM003H-L/S			53		1.2	4.8	2.5	0.54	3.2	1.6				6.0 x 1	148	150	0.54	
1/2	(N)ERM005L-L/S			15		0.75	3.4	1.7	0.54	3.2	1.6				6.0 x 1	139	146	0.54	
1/2	(N)ERM005S-L/S			29		1.2	4.8	2.5	0.54	3.2	1.6				6.0 x 1	148	150	0.54	
1	(N)ERM010L-L/S			14		1.2	4.8	2.5	0.54	3.2	1.6				7.7 x 1	170	176	0.89	
1	(N)ERM010S-L/S			28		2.4	8.6	4.2	0.54	3.2	1.6	7.7 x 1	185	185	0.89				
1 1/2	(N)ERM015S-L/S			18		2.4	8.6	4.2	0.54	3.2	1.6	3.23 to 6.02	6.03 to 7.02 OR 7.03 to 12.00	31.5†	10.2 x 1	243	254	1.6	
2	(N)ERM020C-L/S			7		1.2	4.8	2.5	0.54	3.2	1.6				7.7 x 2	214	218	1.8	
2	(N)ERM020L-L/S			14		2.4	8.6	4.2	0.54	3.2	1.6				10.2 x 1	245	256	1.6	
2	(N)ERM020S-L/S			28		4.7	16.4	7.9	0.54	3.2	1.6				10.2 x 1	284	282	1.6	
2 1/2	(N)ERM025S-L/S			22		4.7	16.4	7.9	0.54	3.2	1.6				39.4	11.2 x 1	333	331	1.9
3	(N)ERM030L-L/S*			16		4.7	18.3	9.2	0.5	3.2	1.6					12.5 x 1	362	362	2.3
3	(N)ERM030C-L/S			17		4.7	16.4	7.9	0.54	3.2	1.6	10.2 x 2	340	340		3.2			
5	(N)ERM050L-L/S	9.2	11	4.7	16.4	7.9	1.0	5.1	2.5	3.94 to 7.01	7.02 to 7.60 OR 7.61 to 12.00	70.9	11.2 x 2	443	439	3.8			

\*The (N)ERM030L-L/S listed is the previous hoist model. Refer to Harrington catalog C-EPH for features and benefits.

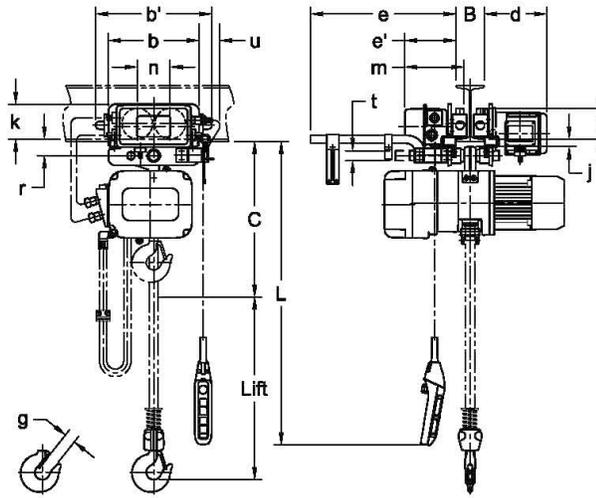
\*\*Flange widths smaller than 4 inches will have a minimum radius of 137.8 inches.

†Flange widths smaller than 5 inches will have a minimum radius of 39.4 inches.

## NERM/ERM Electric Chain Hoists with Motorized Trolleys



NERM/ERM020L-L/S  
(Shown with optional  
canvas chain container)



NERM/ERM020L-L/S

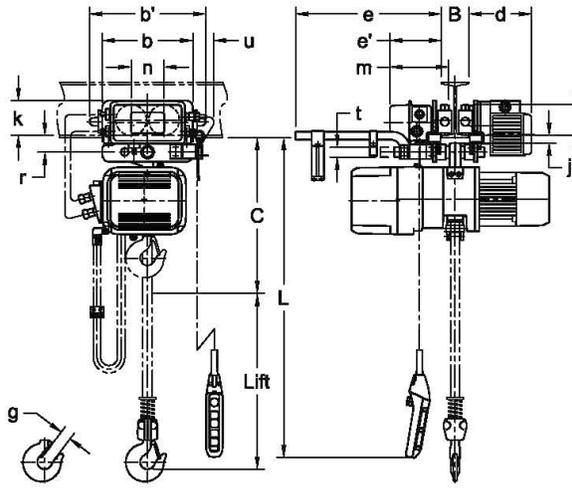
### SINGLE SPEED HOIST WITH SINGLE SPEED TROLLEY — DIMENSIONS

Cap. (Tons)	Product Code	Headroom C (in)	b (in)	b' (in)	d (in)	e (in)	e' (in)	g (in)	i (in)	j (in)	k (in)	m (in)	n (in)	r (in)	t (in)	u (in)
1/8	(N)ERM001H-L/S	14.8	12.4	15.6	8.7	20.3	7.1	1.1	3.74	0.9	5.1	8.1	4.3	2.0	1.22	3.3
1/4	(N)ERM003S-L/S	14.8	12.4	15.6	8.7	20.3	7.1	1.1	3.74	0.9	5.1	8.1	4.3	2.0	1.22	3.3
1/4	(N)ERM003H-L/S	15.6	12.4	15.6	8.7	20.3	7.1	1.1	3.74	0.9	5.1	8.1	4.3	2.0	1.22	3.3
1/2	(N)ERM005L-L/S	15.6	12.4	15.6	8.7	20.3	7.1	1.1	3.74	0.9	5.1	8.1	4.3	2.0	1.22	3.3
1/2	(N)ERM005S-L/S	15.6	12.4	15.6	8.7	20.3	7.1	1.1	3.74	0.9	5.1	8.1	4.3	2.0	1.22	3.3
1	(N)ERM010L-L/S	17.1	12.4	15.6	8.7	20.3	7.1	1.2	3.74	0.9	5.1	8.1	4.3	2.0	1.22	3.3
1	(N)ERM010S-L/S	17.1	12.4	15.6	8.7	20.3	7.1	1.2	3.74	0.9	5.1	8.1	4.3	2.0	1.22	3.3
1 1/2	(N)ERM015S-L/S	19.9	12.8	16.4	8.8	20.5	7.3	1.4	4.33	1.1	4.9	8.3	4.6	2.4	1.42	3.0
2	(N)ERM020C-L/S	27.2	12.8	16.4	8.8	20.5	7.3	1.5	4.33	1.1	4.9	8.3	4.6	2.4	1.42	3.0
2	(N)ERM020L-L/S	22.4	12.8	16.4	8.8	20.5	7.3	1.6	4.33	1.1	4.9	8.3	4.6	2.4	1.42	3.0
2	(N)ERM020S-L/S	23.0	12.8	16.4	8.8	20.5	7.3	1.6	4.33	1.1	4.9	8.3	4.6	2.4	1.42	3.0
2 1/2	(N)ERM025S-L/S	24.4	13.4	17.4	8.9	20.5	7.3	1.6	4.92	1.1	5.2	8.5	5.2	2.7	1.69	2.8
3	(N)ERM030L-L/S*	25.4	13.4	17.4	8.9	20.5	7.3	1.7	4.92	1.1	5.2	8.5	5.2	2.7	1.69	2.7
3	(N)ERM030C-L/S	32.9	13.4	17.4	8.9	20.5	7.3	1.8	4.92	1.1	5.2	8.5	5.2	2.7	1.69	2.8
5	(N)ERM050L-L/S	33.1	15.7	19.8	11.0	20.8	7.6	1.9	5.51	1.7	5.7	9.2	5.9	3.4	2.13	2.2

\*The (N)ERM030L-L/S listed is the previous hoist model. Refer to Harrington catalog C-EPH for features and benefits.



NERM/ERM020LD-L/S  
(Shown with optional  
canvas chain container)



NERM/ERM020LD-L/S

DUAL SPEED HOIST WITH SINGLE SPEED TROLLEY — SPECIFICATIONS

Cap. (Tons)	Product Code	Std. Lift (ft)	Push Button Cord L (ft)	Lifting Speed (ft/min)	Traversing Speed (ft/min)	Lifting Motor† 3 Phase 60 Hz			Traversing Motor 3 Phase 60 Hz			Flange Width Adjustability B (in)		Minimum Allow. Radius for Curve (in)	Load Chain Diameter (mm) x Chain Fall Lines	Net Weight (lbs)		Weight for Additional One Foot of Lift (lbs)	
						Output (Hp)	Rated Current (amps)		Output (Hp)	Rated Current (amps)		Standard	Optional			NER	ER		
1/8	(N)ERM001HD-L/S	10	8.2	55/9	L = 40 S = 80	0.75	3.6	1.8	0.54	3.2	1.6	2.28 to 5.00	5.01 to 6.02 OR 6.03 to 12.00	31.5**	4.3 x 1	128	132	0.28	
1/4	(N)ERM003SD-L/S			36/6		0.75	3.6	1.8	0.54	3.2	1.6				4.3 x 1	128	132	0.28	
1/4	(N)ERM003HD-L/S			53/9		1.2	5.1	2.7	0.54	3.2	1.6				6.0 x 1	146	150	0.54	
1/2	(N)ERM005LD-L/S			15/2.5		0.75	3.6	1.8	0.54	3.2	1.6				6.0 x 1	137	146	0.54	
1/2	(N)ERM005SD-L/S			29/5		1.2	5.1	2.7	0.54	3.2	1.6				6.0 x 1	146	150	0.54	
1	(N)ERM010LD-L/S			14/2.5		1.2	5.1	2.7	0.54	3.2	1.6				7.7 x 1	166	174	0.89	
1	(N)ERM010SD-L/S			28/4.5		2.4	9.1	4.5	0.54	3.2	1.6				7.7 x 1	181	183	0.89	
1 1/2	(N)ERM015SD-L/S			18/3		2.4	9.1	4.5	0.54	3.2	1.6	3.23 to 6.02	6.03 to 7.02 OR 7.03 to 12.00	31.5†	10.2 x 1	243	256	1.6	
2	(N)ERM020CD-L/S			7/1		1.2	5.1	2.7	0.54	3.2	1.6				7.7 x 2	207	216	1.8	
2	(N)ERM020LD-L/S			14/2.5		2.4	9.1	4.5	0.54	3.2	1.6				10.2 x 1	245	256	1.6	
2	(N)ERM020SD-L/S			28/4.5		4.7	17.3	8.3	0.54	3.2	1.6				10.2 x 1	280	286	1.6	
2 1/2	(N)ERM025SD-L/S			22/3.5		4.7	17.3	8.3	0.54	3.2	1.6				39.4	11.2 x 1	324	338	1.9
3	(N)ERM030LD-L/S*			17/6		4.7/1.6	19.6/9.4	9.8/4.7	0.5	3.2	1.6					12.5 x 1	406	406	2.3
3	(N)ERM030CD-L/S			17/3		4.7	17.3	8.3	0.54	3.2	1.6					10.2 x 2	336	344	3.2
5	(N)ERM050LD-L/S	9.2	11/2	4.7	17.3	8.3	1.0	5.1	2.5	3.94 to 7.01	7.02 to 7.60 OR 7.61 to 12.00	70.9	11.2 x 2	434	448	3.8			

\*The (N)ERM030LD-L/S listed is the previous hoist model. Refer to Harrington catalog C-EPH for features and benefits.

\*\*Flange widths smaller than 4 inches will have a minimum radius of 137.8 inches.

†Flange widths smaller than 5 inches will have a minimum radius of 39.4 inches.

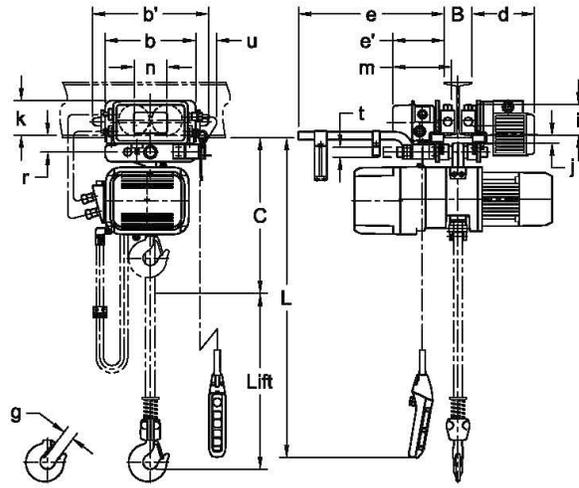
‡Although both 208/230 & 460 Volts are shown together, the motors are NOT reconnectable.

Speed ratio is 6:1 with adjustability up to 12:1.

## NERM/ERM Electric Chain Hoists with Motorized Trolleys



NERM/ERM020LD-L/S  
(Shown with optional  
canvas chain container)



NERM/ERM020LD-L/S

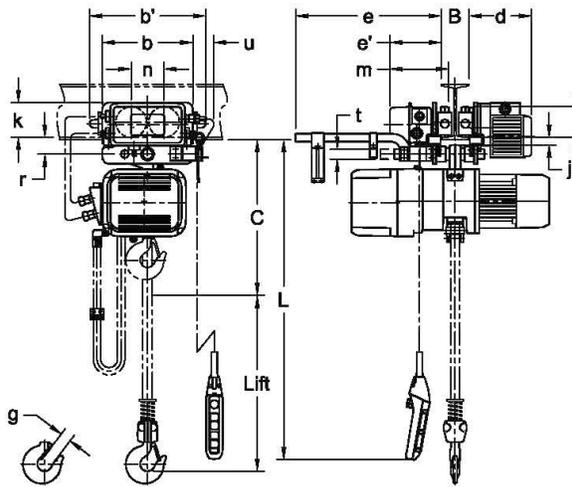
### DUAL SPEED HOIST WITH SINGLE SPEED TROLLEY — DIMENSIONS

Cap. (Tons)	Product Code	Headroom C (in)	b (in)	b' (in)	d (in)	e (in)	e' (in)	g (in)	i (in)	j (in)	k (in)	m (in)	n (in)	r (in)	t (in)	u (in)
1/8	(N)ERM001HD-L/S	14.8	12.4	15.6	8.7	20.3	7.1	1.1	3.74	0.9	5.1	8.1	4.3	2.0	1.22	3.3
1/4	(N)ERM003SD-L/S	14.8	12.4	15.6	8.7	20.3	7.1	1.1	3.74	0.9	5.1	8.1	4.3	2.0	1.22	3.3
1/4	(N)ERM003HD-L/S	15.6	12.4	15.6	8.7	20.3	7.1	1.1	3.74	0.9	5.1	8.1	4.3	2.0	1.22	3.3
1/2	(N)ERM005LD-L/S	15.6	12.4	15.6	8.7	20.3	7.1	1.1	3.74	0.9	5.1	8.1	4.3	2.0	1.22	3.3
1/2	(N)ERM005SD-L/S	15.6	12.4	15.6	8.7	20.3	7.1	1.1	3.74	0.9	5.1	8.1	4.3	2.0	1.22	3.3
1	(N)ERM010LD-L/S	17.1	12.4	15.6	8.7	20.3	7.1	1.2	3.74	0.9	5.1	8.1	4.3	2.0	1.22	3.3
1	(N)ERM010SD-L/S	17.1	12.4	15.6	8.7	20.3	7.1	1.2	3.74	0.9	5.1	8.1	4.3	2.0	1.22	3.3
1 1/2	(N)ERM015SD-L/S	19.9	12.8	16.4	8.8	20.5	7.3	1.4	4.33	1.1	4.9	8.3	4.6	2.4	1.42	3.0
2	(N)ERM020CD-L/S	27.2	12.8	16.4	8.8	20.5	7.3	1.5	4.33	1.1	4.9	8.3	4.6	2.4	1.42	3.0
2	(N)ERM020LD-L/S	22.4	12.8	16.4	8.8	20.5	7.3	1.6	4.33	1.1	4.9	8.3	4.6	2.4	1.42	3.0
2	(N)ERM020SD-L/S	23.0	12.8	16.4	8.8	20.5	7.3	1.6	4.33	1.1	4.9	8.3	4.6	2.4	1.42	3.0
2 1/2	(N)ERM025SD-L/S	24.4	13.4	17.4	8.9	20.5	7.3	1.6	4.92	1.1	5.2	8.5	5.2	2.7	1.69	2.8
3	(N)ERM030LD-L/S*	28.0	13.4	17.4	8.9	20.5	7.3	1.7	4.92	1.1	5.2	8.5	5.2	2.7	1.69	2.7
3	(N)ERM030CD-L/S	32.9	13.4	17.4	8.9	20.5	7.3	1.8	4.92	1.1	5.2	8.5	5.2	2.7	1.69	2.8
5	(N)ERM050LD-L/S	33.1	15.7	19.8	11.0	20.8	7.6	1.9	5.51	1.7	5.7	9.2	5.9	3.4	2.13	2.2

\*The (N)ERM030LD-L/S listed is the previous hoist model. Refer to Harrington catalog C-EPH for features and benefits.  
Speed ratio is 6:1 with adjustability up to 12:1.



NERM/ERM020LD-SD  
(Shown with optional  
canvas chain container)



NERM/ERM020LD-SD

DUAL SPEED HOIST WITH DUAL SPEED TROLLEY — SPECIFICATIONS

Cap. (Tons)	Product Code	Std. Lift (ft)	Push Button Cord L (ft)	Lifting Speed (ft/min)	Traversing Speed (ft/min)	Lifting Motor† 3 Phase 60 Hz			Traversing Motor† 3 Phase 60 Hz			Flange Width Adjustability B (in)		Minimum Allow. Radius for Curve (in)	Load Chain Diameter (mm) x Chain Fall Lines	Net Weight (lbs)		Weight for Additional One Foot of Lift (lbs)	
						Output (Hp)	Rated Current @208-230V	Rated Current @460V	Output (Hp)	Rated Current @208-230V	Rated Current @460V	Standard	Optional			NER	ER		
1/8	(N)ERM001HD-SD	10	8.2	55/9	80/13	0.75	3.6	1.8	0.54	3.4	1.7	2.28 to 5.00	5.01 to 6.02 OR 6.03 to 12.00	31.5**	4.3 x 1	130	135	0.28	
1/4	(N)ERM003SD-SD			36/6		0.75	3.6	1.8	0.54	3.4	1.7				4.3 x 1	130	135	0.28	
1/4	(N)ERM003HD-SD			53/9		1.2	5.1	2.7	0.54	3.4	1.7				6.0 x 1	150	154	0.54	
1/2	(N)ERM005LD-SD			15/2.5		0.75	3.6	1.8	0.54	3.4	1.7				6.0 x 1	141	150	0.54	
1/2	(N)ERM005SD-SD			29/5		1.2	5.1	2.7	0.54	3.4	1.7				6.0 x 1	150	154	0.54	
1	(N)ERM010LD-SD			14/2.5		1.2	5.1	2.7	0.54	3.4	1.7				7.7 x 1	170	179	0.89	
1	(N)ERM010SD-SD			28/4.5		2.4	9.1	4.5	0.54	3.4	1.7	7.7 x 1	185	187	0.89				
1 1/2	(N)ERM015SD-SD			18/3		2.4	9.1	4.5	0.54	3.4	1.7	3.23 to 6.02	6.03 to 7.02 OR 7.03 to 12.00	31.5†	10.2 x 1	245	260	1.6	
2	(N)ERM020CD-SD			7/1		1.2	5.1	2.7	0.54	3.4	1.7				7.7 x 2	214	223	1.8	
2	(N)ERM020LD-SD			14/2.5		2.4	9.1	4.5	0.54	3.4	1.7				10.2 x 1	247	262	1.6	
2	(N)ERM020SD-SD			28/4.5		4.7	17.3	8.3	0.54	3.4	1.7				10.2 x 1	284	291	1.6	
2 1/2	(N)ERM025SD-SD			22/3.5		4.7	17.3	8.3	0.54	3.4	1.7				39.4	11.2 x 1	331	344	1.9
3	(N)ERM030LD-SD*			17/6		4.7/1.6	19.6/9.4	9.8/4.7	0.9/0.2	3.6/3.1	1.8/1.6					12.5 x 1	412	412	2.3
3	(N)ERM030CD-SD			17/3		4.7	17.3	8.3	0.54	3.4	1.7	10.2 x 2	340	351		3.2			
5	(N)ERM050LD-SD	9.2	11/2	4.7	17.3	8.3	1.0	5.4	2.7	3.94 to 7.01	7.02 to 7.60 OR 7.61 to 12.00	70.9	11.2 x 2	439	452	3.8			

\*The (N)ERM030LD-SD listed is the previous hoist model. Refer to Harrington catalog C-EPH for features and benefits.

\*\*Flange widths smaller than 4 inches will have a minimum radius of 137.8 inches.

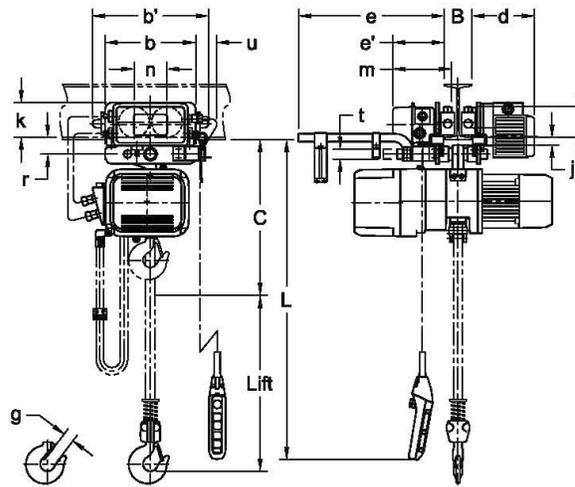
†Flange widths smaller than 5 inches will have a minimum radius of 39.4 inches.

‡Although both 208/230 & 460 Volts are shown together, the motors are NOT reconnectable.

Hoist speed ratio is 6:1 with adjustability up to 12:1.

Trolley speed ratio is 6:1 with adjustability up to 10:1.

# NERM/ERM Electric Chain Hoists with Motorized Trolleys



NERM/ERM020LD-SD  
(Shown with optional  
canvas chain container)

## DUAL SPEED HOIST WITH DUAL SPEED TROLLEY — DIMENSIONS

Cap. (Tons)	Product Code	Headroom C (in)	b (in)	b' (in)	d (in)	e (in)	e' (in)	g (in)	i (in)	j (in)	k (in)	m (in)	n (in)	r (in)	t (in)	u (in)
1/8	(N)ERM001HD-SD	14.8	12.4	15.6	8.7	20.3	7.1	1.1	3.74	0.9	5.1	8.1	4.3	2.0	1.22	3.3
1/4	(N)ERM003SD-SD	14.8	12.4	15.6	8.7	20.3	7.1	1.1	3.74	0.9	5.1	8.1	4.3	2.0	1.22	3.3
1/4	(N)ERM003HD-SD	15.6	12.4	15.6	8.7	20.3	7.1	1.1	3.74	0.9	5.1	8.1	4.3	2.0	1.22	3.3
1/2	(N)ERM005LD-SD	15.6	12.4	15.6	8.7	20.3	7.1	1.1	3.74	0.9	5.1	8.1	4.3	2.0	1.22	3.3
1/2	(N)ERM005SD-SD	15.6	12.4	15.6	8.7	20.3	7.1	1.1	3.74	0.9	5.1	8.1	4.3	2.0	1.22	3.3
1	(N)ERM010LD-SD	17.1	12.4	15.6	8.7	20.3	7.1	1.2	3.74	0.9	5.1	8.1	4.3	2.0	1.22	3.3
1	(N)ERM010SD-SD	17.1	12.4	15.6	8.7	20.3	7.1	1.2	3.74	0.9	5.1	8.1	4.3	2.0	1.22	3.3
1 1/2	(N)ERM015SD-SD	19.9	12.8	16.4	8.8	20.5	7.3	1.4	4.33	1.1	4.9	8.3	4.6	2.4	1.42	3.0
2	(N)ERM020CD-SD	27.2	12.8	16.4	8.8	20.5	7.3	1.5	4.33	1.1	4.9	8.3	4.6	2.4	1.42	3.0
2	(N)ERM020LD-SD	22.4	12.8	16.4	8.8	20.5	7.3	1.6	4.33	1.1	4.9	8.3	4.6	2.4	1.42	3.0
2	(N)ERM020SD-SD	23.0	12.8	16.4	8.8	20.5	7.3	1.6	4.33	1.1	4.9	8.3	4.6	2.4	1.42	3.0
2 1/2	(N)ERM025SD-SD	24.4	13.4	17.4	8.9	20.5	7.3	1.6	4.92	1.1	5.2	8.5	5.2	2.7	1.69	2.8
3	(N)ERM030LD-SD*	28.0	13.4	17.4	10.8	20.5	7.3	1.7	4.92	1.1	5.2	8.5	5.2	2.7	1.69	2.7
3	(N)ERM030CD-SD	32.9	13.4	17.4	8.9	20.5	7.3	1.8	4.92	1.1	5.2	8.5	5.2	2.7	1.69	2.8
5	(N)ERM050LD-SD	33.1	15.7	19.8	11.1	20.8	7.6	1.9	5.51	1.7	5.7	9.2	5.9	3.4	2.13	2.2

\*The (N)ERM030LD-SD listed is the previous hoist model. Refer to Harrington catalog C-EPH for features and benefits.

Hoist speed ratio is 6:1 with adjustability up to 12:1.

Trolley speed ratio is 6:1 with adjustability up to 10:1.

## MR Motorized Trolleys

### Pull-Rotor Motor Brake

Extremely durable and reliable, this advanced design furnishes precision load control, deceleration and long life.

### Heavy-Duty Motor

Designed for top performance with high-horsepower, 30-minute duty rating, cooling fins and standard thermal motor protection. Motor is totally enclosed, non-ventilated (TENV).

### Variable Frequency Drive

Dual speed controls via “under-the-cover” variable frequency drive standard.

### Sealed Protection

Appropriate for both indoor and outdoor applications, including harsh environments. (Consult owner’s manuals for details.) Gaskets throughout the trolley provide for an IP55 rating.

### Built-In Drop Stops

Important feature provides additional security for the operator and the equipment.

### Rubber Bumpers

Standard feature on all motorized trolleys. Provides protection from collisions. Complies with ASME standards.

### Side Guide Rollers

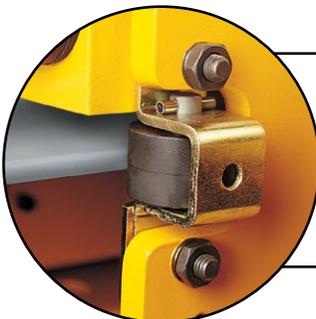
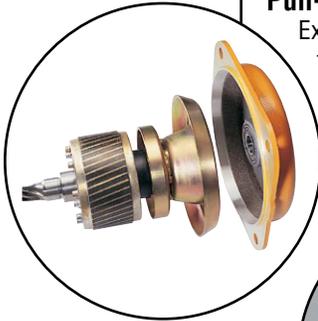
Four ball bearing supported rollers enhance smooth trolley motion and reduce wear of the wheels and beam.

### Cable Support Arm Assembly

Convenient “tow bar” is standard component that gives support and guides the power supply festooning.

### Pendant Plug-In Connections

Saves valuable time on setup and maintenance. “Quick disconnect” replaces typical competitive hard-wired designs.



# NERP/ERP and NERG/ERG Electric Chain Hoists with Push or Geared Trolleys



NERP/ERP010S  
(Shown with optional canvas chain container and rubber bumpers)

Mounting our NER/ER Series hoists to either a PT push or GT geared trolley will create an easy and economical method of transporting the load. This combination is ideal for small workshops and infrequent moves.

## Features and Benefits

### UL® Listed\*\*

Certified and listed to UL 1340 "Standard for Hoists."

### Easy Access Suspension

External pins allow for quick change from hook to lug for trolley mount configurations on most models.

### Perpendicular Orientation

PT push trolley mount hoists are configured as perpendicular to the beam. Parallel mount is available as an option. Note 020C and 030C models are parallel mount as standard.

### Green Initiative

Built smarter without the use of harmful materials. Environmentally friendly. RoHS compliant.

### Notched Hook and Latch System

Provides positive closing and improves resistance against lateral forces.

### High Air Flow

Cooler motor and brake attributed to an engineered motor fin, fan blade and fan cover design.

### Unique Load Sheave

Increased number of pockets reduce chain vibration and increase chain life. 5 pockets standard; 6 pockets on smaller body hoists.

### Extended Chain Life

Decreased chain wear as a result of a revolutionary heat treatment process, improved material and chain size.

### Limit Switches

Low-profile upper and lower limit switches are standard.

### Contactors

Mechanically interlocked, heavy-duty contactors on single speed models.

### Friction Clutch and Load Brake

Friction clutch is standard on NER/ER models and friction clutch with mechanical load brake standard on ER models. Carbon friction material provides consistent performance over a wide temperature range.

### High Strength, Corrosion and Wear Resistant Load Chain

Grade 80, super strength, nickel-plated load chain, certified to DIN standards, uses unique technology to greatly increase resistance to fatigue and wear.

### Standard Count Hour Meter

Records and displays the number of lowering starts and hoist on time which is valuable for preventive maintenance. Integral to VFD on dual speed models.

### Dual Speed VFD

Under-the-cover VFD standard for dual speed hoists. Speed ratio is 6:1 with adjustability up to 12:1.

### "The Guardian": Smart Brake Technology

A current driven electromagnetic brake does not release unless the motor is energized. 10 year hoist brake warranty.

### Pendant Controls

Ergonomic design for operator comfort. Red button emergency stop is standard on all 2-button dual speed pendants.

## Standard Trolley Specifications

### Capacity Range

PT Push – 1/8 Ton – 5 Ton  
GT Geared – 1/8 – 5 Ton  
(See page 38 for 8 – 20 Ton)

### Shafts

Standard shafts fit wide range  
Longer shafts for wider beams  
Spacers for easy adjustments

### Drop Stops

Standard

### Bumpers

Optional

### Standard Hand Chain Drop

On geared trolleys  
2' less than lift  
(longer drops available)

### Wheels

All steel  
Sealed ball bearings  
Fit flat or tapered beam flange

### Standard Hoist Pendant Drop

4' less than lift  
(longer drops available)

### Standard Hoist Power Supply Length

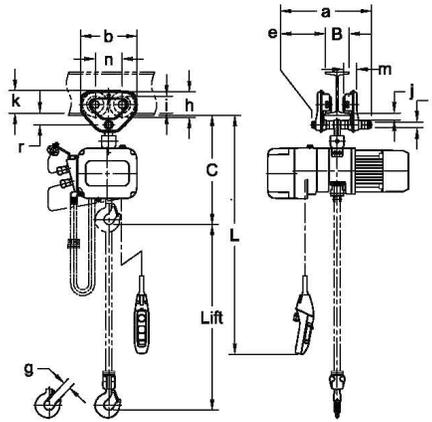
15' (longer lengths available)

### Standard Pendants

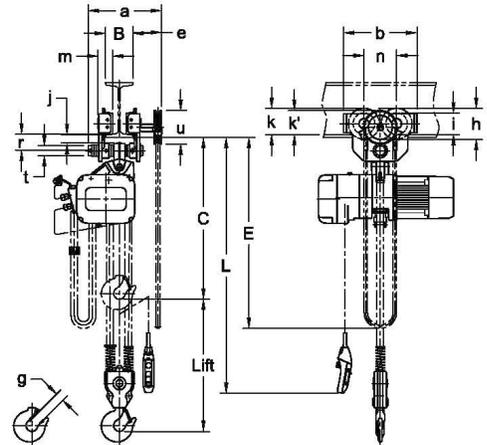
Single speed: 2-button  
(momentary contacts)  
Dual speed: 2-button  
(momentary contacts)  
with emergency On/Off  
(maintained contacts)



NERP/ERP010S  
(Shown with optional  
canvas chain container  
and rubber bumpers)



NERP/ERP010S



NERG/ERG050L

**SINGLE SPEED HOIST WITH PUSH OR GEARED TROLLEY — SPECIFICATIONS**

Cap. (Tons)	Product Code	Std. Lift (ft)	Push Button Cord L (ft)	Lifting Speed (ft/min)	Lifting Motor 3 Phase 60 Hz			Flange Width Adjustability B (in)		Min.** Allow. Radius for Curve (in)	Load Chain Diameter (mm) x Chain Fall Lines	Net Weight (lbs)		Weight for Additional One Foot of Lift (lbs)
					Output (Hp)	Rated Current @208 230V	Rated Current @460V	Standard	Optional			NER	ER	
1/8	(N)ERP(ERG)001H	10	8.2	55	0.75	3.4	1.7	2.28 to 4.00 (2.28 to 5.00)	4.01 to 8.00 (5.01 to 8.00) OR 8.01 to 12.00	43.3 (51.2)	4.3 x 1	71 (88)	73 (90)	0.28 (.94)
1/4	(N)ERP(ERG)003S			36	0.75	3.4	1.7				4.3 x 1	71 (88)	73 (90)	0.28 (.94)
1/4	(N)ERP(ERG)003H			53	1.2	4.8	2.5				6.0 x 1	90 (108)	93 (110)	0.54 (1.1)
1/2	(N)ERP(ERG)005L			15	0.75	3.4	1.7				6.0 x 1	82 (99)	90 (106)	0.54 (1.1)
1/2	(N)ERP(ERG)005S			29	1.2	4.8	2.5	6.0 x 1	90 (108)	93 (110)	0.54 (1.1)			
1	(N)ERP(ERG)010L			14	1.2	4.8	2.5	2.28 to 5.00	5.01 to 8.00 OR 8.01 to 12.00	51.2	7.7 x 1	121 (130)	128 (137)	0.89 (1.6)
1	(N)ERP(ERG)010S			28	2.4	8.6	4.2				7.7 x 1	137 (146)	137 (146)	0.89 (1.6)
1 1/2	(N)ERP(ERG)015S			18	2.4	8.6	4.2	3.23 to 6.02	6.03 to 12.00	59.1	10.2 x 1	187 (196)	201 (209)	1.6 (2.2)
2	(N)ERP(ERG)020C			7	1.2	4.8	2.5				7.7 x 2	161 (172)	165 (176)	1.8 (2.4)
2	(N)ERP(ERG)020L			14	2.4	8.6	4.2				10.2 x 1	190 (198)	203 (212)	1.6 (2.2)
2	(N)ERP(ERG)020S	28	4.7	16.4	7.9	10.2 x 1	231 (240)				229 (238)	1.6 (2.2)		
2 1/2	(N)ERP(ERG)025S	22	4.7	16.4	7.9	3.94 to 7.02	7.03 to 12.00	66.9	11.2 x 1	280 (289)	278 (287)	1.9 (2.5)		
3	(N)ERP(ERG)030L*	16	4.7	18.3	9.2				12.5 x 1	311 (322)	311 (322)	2.3 (2.9)		
3	(N)ERP(ERG)030C	17	4.7	16.4	7.9				10.2 x 2	284 (293)	282 (291)	3.2 (3.8)		
5	(N)ERP(ERG)050L	11	4.7	16.4	7.9			90.6	11.2 x 2	399 (415)	395 (410)	3.8 (4.4)		

Figures in parentheses are data for geared trolley.

\*The (N)ERP(ERG)030L listed are the previous hoist models. Refer to Harrington catalog C-EPH for features and benefits.

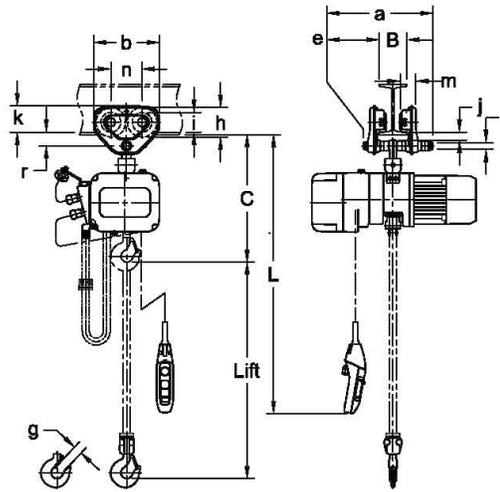
\*\*Minimum Flange Width for curved beam: 1 Ton Push and 1/8 to 1 Ton Geared = 2.87 in.

3 Ton Push or Geared = 3.50 in

## NERP/ERP and NERG/ERG Electric Chain Hoists with Push or Geared Trolleys



NERP/ERP010S  
(Shown with optional canvas chain container and rubber bumpers)



NERP/ERP010S

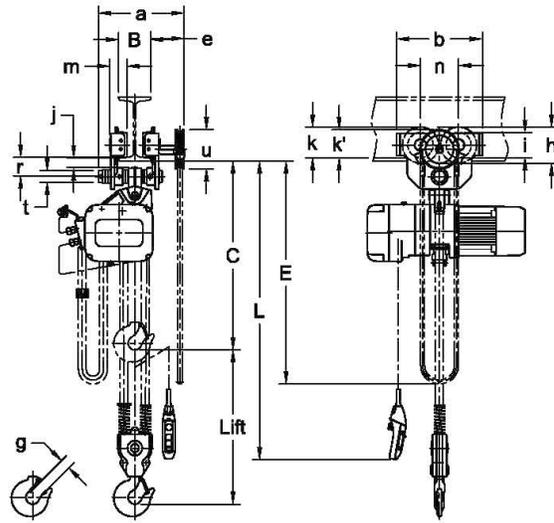
### SINGLE SPEED HOIST WITH PUSH TROLLEY — DIMENSIONS

Cap. (Tons)	Product Code	Headroom C (in)	a (in)	b (in)	e (in)	g (in)	h (in)	i (in)	j (in)	k (in)	m (in)	n (in)	r (in)	t (in)
1/8	(N)ERP001H	15.6	8.0	7.2	1.8	1.1	3.2	2.36	0.8	3.0	1.9	3.3	1.5	0.87
1/4	(N)ERP003S	15.6	8.0	7.2	1.8	1.1	3.2	2.36	0.8	3.0	1.9	3.3	1.5	0.87
1/4	(N)ERP003H	16.3	8.0	7.2	1.8	1.1	3.2	2.36	0.8	3.0	1.9	3.3	1.5	0.87
1/2	(N)ERP005L	16.3	8.0	7.2	1.8	1.1	3.2	2.36	0.8	3.0	1.9	3.3	1.5	0.87
1/2	(N)ERP005S	16.3	8.0	7.2	1.8	1.1	3.2	2.36	0.8	3.0	1.9	3.3	1.5	0.87
1	(N)ERP010L	18.5	9.8	9.3	2.2	1.2	4.2	2.80	1.1	3.7	2.2	4.4	2.0	0.98
1	(N)ERP010S	18.5	9.8	9.3	2.2	1.2	4.2	2.80	1.1	3.7	2.2	4.4	2.0	0.98
1 1/2	(N)ERP015S	22.4	11.8	11.0	2.7	1.4	5.0	3.35	1.4	4.4	2.8	5.2	2.4	1.26
2	(N)ERP020C	27.4	11.8	11.0	2.7	1.5	5.0	3.35	1.4	4.4	2.8	5.2	2.4	1.26
2	(N)ERP020L	25.0	11.8	11.0	2.7	1.6	5.0	3.35	1.4	4.4	2.8	5.2	2.4	1.26
2	(N)ERP020S	25.6	11.8	11.0	2.7	1.6	5.0	3.35	1.4	4.4	2.8	5.2	2.4	1.26
2 1/2	(N)ERP025S	26.8	12.6	12.8	3.1	1.6	5.8	3.94	1.4	5.3	3.1	6.0	2.7	1.42
3	(N)ERP030L*	27.8	12.6	12.8	3.1	1.7	5.8	3.94	1.4	5.3	3.1	6.0	2.7	1.42
3	(N)ERP030C	32.7	12.6	12.8	3.1	1.8	5.8	3.94	1.4	5.3	3.1	6.0	2.7	1.42
5	(N)ERP050L	35.4	11.7	15.7	2.1	1.9	6.7	4.65	1.8	5.6	3.2	7.0	3.4	2.13

\*The (N)ERP030L listed is the previous hoist model. Refer to Harrington catalog C-EPH for features and benefits.



NERG/ERG050L



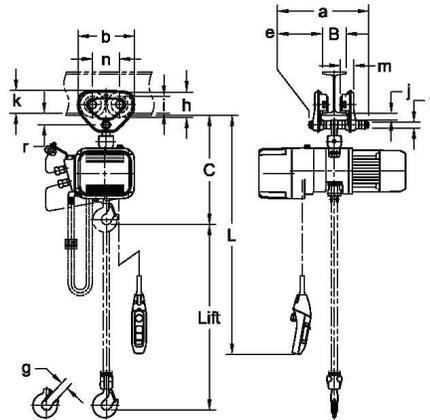
NERG/ERG050L

**SINGLE SPEED HOIST WITH GEARED TROLLEY — DIMENSIONS**

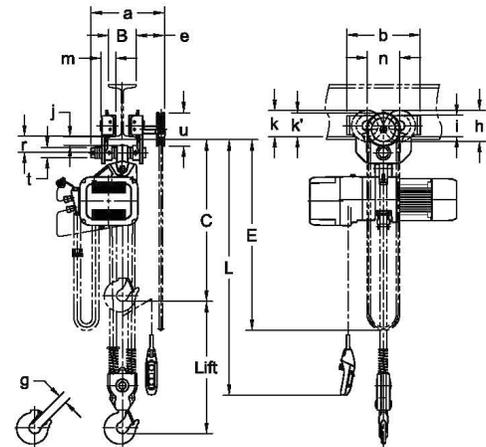
Cap. (Tons)	Product Code	Headroom C (in)	E (ft)	a (in)	b (in)	e (in)	g (in)	h (in)	i (in)	j (in)	k (in)	k' (in)	m (in)	n (in)	r (in)	t (in)	u (in)
1/8	(N)ERG001H	16.3	10.5	13.6	9.3	6.0	1.1	4.2	2.80	1.1	3.7	4.2	2.2	4.4	1.9	0.98	7.2
1/4	(N)ERG003S	16.3	10.5	13.6	9.3	6.0	1.1	4.2	2.80	1.1	3.7	4.2	2.2	4.4	1.9	0.98	7.2
1/4	(N)ERG003H	17.1	10.5	13.6	9.3	6.0	1.1	4.2	2.80	1.1	3.7	4.2	2.2	4.4	1.9	0.98	7.2
1/2	(N)ERG005L	17.1	10.5	13.6	9.3	6.0	1.1	4.2	2.80	1.1	3.7	4.2	2.2	4.4	1.9	0.98	7.2
1/2	(N)ERG005S	17.1	10.5	13.6	9.3	6.0	1.1	4.2	2.80	1.1	3.7	4.2	2.2	4.4	1.9	0.98	7.2
1	(N)ERG010L	18.5	10.5	13.6	9.3	6.0	1.2	4.2	2.80	1.1	3.7	4.2	2.2	4.4	1.9	0.98	7.2
1	(N)ERG010S	18.5	10.5	13.6	9.3	6.0	1.2	4.2	2.80	1.1	3.7	4.2	2.2	4.4	1.9	0.98	7.2
1 1/2	(N)ERG015S	22.4	10.5	15.2	11.0	6.1	1.4	5.0	3.35	1.4	4.4	4.3	2.8	5.2	2.4	1.26	7.2
2	(N)ERG020C	27.0	10.5	15.2	11.0	6.1	1.5	5.0	3.35	1.4	4.4	4.3	2.8	5.2	2.4	1.26	7.2
2	(N)ERG020L	25.0	10.5	15.2	11.0	6.1	1.6	5.0	3.35	1.4	4.4	4.3	2.8	5.2	2.4	1.26	7.2
2	(N)ERG020S	25.6	10.5	15.2	11.0	6.1	1.6	5.0	3.35	1.4	4.4	4.3	2.8	5.2	2.4	1.26	7.2
2 1/2	(N)ERG025S	26.8	11.0	15.7	12.8	6.2	1.6	5.8	3.94	1.4	5.3	4.5	3.1	6.0	2.7	1.42	7.2
3	(N)ERG030L*	27.8	11.0	15.7	12.8	6.2	1.7	5.8	3.94	1.4	5.3	4.5	3.1	6.0	2.7	1.42	7.2
3	(N)ERG030C	32.7	11.0	15.7	12.8	6.2	1.8	5.8	3.94	1.4	5.3	4.5	3.1	6.0	2.7	1.42	7.2
5	(N)ERG050L	35.4	11.5	15.8	15.7	6.2	1.9	6.7	4.65	1.8	5.6	5.1	3.2	7.0	3.4	2.13	7.2

\*The (N)ERG030L listed is the previous hoist model. Refer to Harrington catalog C-EPH for features and benefits.

# NERP/ERP and NERG/ERG Electric Chain Hoists with Push or Geared Trolleys



NERP/ERP010SD



NERG/ERG050LD

NERP/ERP010SD  
(Shown with optional canvas chain container and rubber bumpers)

## DUAL SPEED HOIST WITH PUSH OR GEARED TROLLEY — SPECIFICATIONS

Cap. (Tons)	Product Code	Std. Lift (ft)	Push Button Cord L (ft)	Lifting Speed (ft/min)	Lifting Motor 3 Phase 60 Hz			Flange Width Adjustability B (in)		Min** Allow. Radius for Curve (in)	Load Chain Diameter (mm) x Chain Fall Lines	Net Weight (lbs)		Weight for Additional One Foot of Lift (lbs)
					Output (Hp)	Rated Current @208V	Rated Current @460V	Standard	Optional			NER	ER	
1/8	(N)ERP(ERG)001HD	10	8.2	55/9	0.75	3.6	1.8	2.28 to 4.00 (2.28 to 5.00)	4.01 to 8.00 (5.01 to 8.00) OR 8.01 to 12.00	43.3 (51.2)	4.3 x 1	71 (88)	75 (92)	0.28 (.94)
1/4	(N)ERP(ERG)003SD			36/6	0.75	3.6	1.8				4.3 x 1	71 (88)	75 (92)	0.28 (.94)
1/4	(N)ERP(ERG)003HD			53/9	1.2	5.1	2.7				6.0 x 1	88 (106)	93 (110)	0.54 (1.1)
1/2	(N)ERP(ERG)005LD			15/2.5	0.75	3.6	1.8				6.0 x 1	80 (97)	90 (106)	0.54 (1.1)
1/2	(N)ERP(ERG)005SD			29/5	1.2	5.1	2.7	6.0 x 1	88 (106)	93 (110)	0.54 (1.1)			
1	(N)ERP(ERG)010LD			14/2.5	1.2	5.1	2.7	2.28 to 5.00	5.01 to 8.00 OR 8.01 to 12.00	51.2	7.7 x 1	117 (126)	126 (135)	0.89 (1.6)
1	(N)ERP(ERG)010SD			28/4.5	2.4	9.1	4.5				7.7 x 1	132 (141)	135 (143)	0.89 (1.6)
1 1/2	(N)ERP(ERG)015SD			18/3	2.4	9.1	4.5	3.23 to 6.02	6.03 to 12.00	59.1	10.2 x 1	187 (196)	203 (212)	1.6 (2.2)
2	(N)ERP(ERG)020CD			7/1	1.2	5.1	2.7				7.7 x 2	154 (165)	163 (174)	1.8 (2.4)
2	(N)ERP(ERG)020LD			14/2.5	2.4	9.1	4.5				10.2 x 1	190 (198)	203 (212)	1.6 (2.2)
2	(N)ERP(ERG)020SD			28/4.5	4.7	17.3	8.3				10.2 x 1	227 (236)	234 (243)	1.6 (2.2)
2 1/2	(N)ERP(ERG)025SD			22/3.5	4.7	17.3	8.3	3.94 to 7.02	7.03 to 12.00	66.9	11.2 x 1	271 (280)	284 (293)	1.9 (2.5)
3	(N)ERP(ERG)030LD*			17/6	4.7/1.6	19.6/9.4	9.8/4.7				12.5 x 1	355 (366)	355 (366)	2.3 (2.9)
3	(N)ERP(ERG)030CD			17/3	4.7	17.3	8.3				10.2 x 2	280 (289)	287 (295)	3.2 (3.8)
5	(N)ERP(ERG)050LD	11/2	4.7	17.3	8.3	3.94 to 7.02	7.03 to 12.00	90.6	11.2 x 2	390 (406)	404 (419)	3.8 (4.4)		

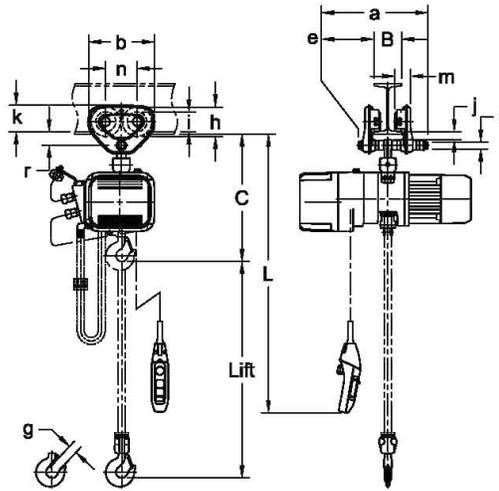
Figures in parentheses are data for geared trolley.

\*The (N)ERP(ERG)030LD listed are the previous hoist models. Refer to Harrington catalog C-EPH for features and benefits.

\*\*Minimum Flange Width for curved beam: 1 Ton Push and 1/8 to 1 Ton Geared = 2.87 in.

3 Ton Push or Geared = 3.50 in

Speed ratio is 6:1 with adjustability up to 12:1.



NERP/ERP010SD

NERP/ERP010SD  
(Shown with optional  
canvas chain container and  
rubber bumpers)

**DUAL SPEED HOIST WITH PUSH TROLLEY — DIMENSIONS**

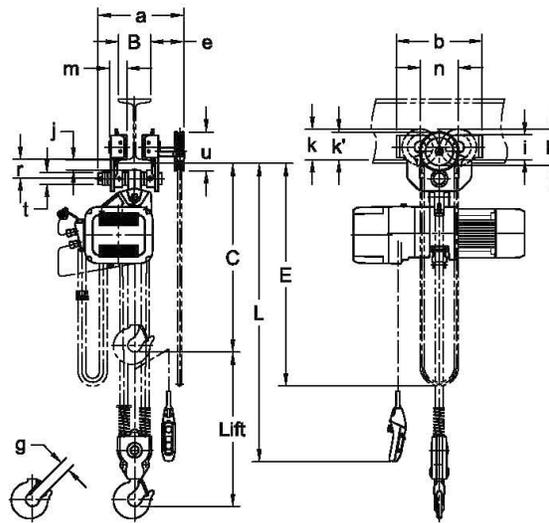
Cap. (Tons)	Product Code	Headroom C (in)	a (in)	b (in)	e (in)	g (in)	h (in)	i (in)	j (in)	k (in)	m (in)	n (in)	r (in)	t (in)
1/8	(N)ERP001HD	15.6	8.0	7.2	1.8	1.1	3.2	2.36	0.8	3.0	1.9	3.3	1.5	0.87
1/4	(N)ERP003SD	15.6	8.0	7.2	1.8	1.1	3.2	2.36	0.8	3.0	1.9	3.3	1.5	0.87
1/4	(N)ERP003HD	16.3	8.0	7.2	1.8	1.1	3.2	2.36	0.8	3.0	1.9	3.3	1.5	0.87
1/2	(N)ERP005LD	16.3	8.0	7.2	1.8	1.1	3.2	2.36	0.8	3.0	1.9	3.3	1.5	0.87
1/2	(N)ERP005SD	16.3	8.0	7.2	1.8	1.1	3.2	2.36	0.8	3.0	1.9	3.3	1.5	0.87
1	(N)ERP010LD	18.5	9.8	9.3	2.2	1.2	4.2	2.80	1.1	3.7	2.2	4.4	2.0	0.98
1	(N)ERP010SD	18.5	9.8	9.3	2.2	1.2	4.2	2.80	1.1	3.7	2.2	4.4	2.0	0.98
1 1/2	(N)ERP015SD	22.4	11.8	11.0	2.7	1.4	5.0	3.35	1.4	4.4	2.8	5.2	2.4	1.26
2	(N)ERP020CD	27.4	11.8	11.0	2.7	1.5	5.0	3.35	1.4	4.4	2.8	5.2	2.4	1.26
2	(N)ERP020LD	25.0	11.8	11.0	2.7	1.6	5.0	3.35	1.4	4.4	2.8	5.2	2.4	1.26
2	(N)ERP020SD	25.6	11.8	11.0	2.7	1.6	5.0	3.35	1.4	4.4	2.8	5.2	2.4	1.26
2 1/2	(N)ERP025SD	26.8	12.6	12.8	3.1	1.6	5.8	3.94	1.4	5.3	3.1	6.0	2.7	1.42
3	(N)ERP030LD*	30.3	12.6	12.8	3.1	1.7	5.8	3.94	1.4	5.3	3.1	6.0	2.7	1.42
3	(N)ERP030CD	32.7	12.6	12.8	3.1	1.8	5.8	3.94	1.4	5.3	3.1	6.0	2.7	1.42
5	(N)ERP050LD	35.4	11.7	15.7	2.1	1.9	6.7	4.65	1.8	5.6	3.2	7.0	3.4	2.13

\*The (N)ERP030LD listed is the previous hoist model. Refer to Harrington catalog C-EPH for features and benefits.  
Speed ratio is 6:1 with adjustability up to 12:1.

# NERP/ERP and NERG/ERG Electric Chain Hoists with Push or Geared Trolleys



NERG/ERG050LD



NERG/ERG050LD

## DUAL SPEED HOIST WITH GEARED TROLLEY — DIMENSIONS

Cap. (Tons)	Product Code	Headroom C (in)	E (ft)	a (in)	b (in)	e (in)	g (in)	h (in)	i (in)	j (in)	k (in)	k' (in)	m (in)	n (in)	r (in)	t (in)	u (in)
1/8	(N)ERG001HD	16.3	10.5	13.6	9.3	6.0	1.1	4.2	2.80	1.1	3.7	4.2	2.2	4.4	1.9	0.98	7.2
1/4	(N)ERG003SD	16.3	10.5	13.6	9.3	6.0	1.1	4.2	2.80	1.1	3.7	4.2	2.2	4.4	1.9	0.98	7.2
1/4	(N)ERG003HD	17.1	10.5	13.6	9.3	6.0	1.1	4.2	2.80	1.1	3.7	4.2	2.2	4.4	1.9	0.98	7.2
1/2	(N)ERG005LD	17.1	10.5	13.6	9.3	6.0	1.1	4.2	2.80	1.1	3.7	4.2	2.2	4.4	1.9	0.98	7.2
1/2	(N)ERG005SD	17.1	10.5	13.6	9.3	6.0	1.1	4.2	2.80	1.1	3.7	4.2	2.2	4.4	1.9	0.98	7.2
1	(N)ERG010LD	18.5	10.5	13.6	9.3	6.0	1.2	4.2	2.80	1.1	3.7	4.2	2.2	4.4	1.9	0.98	7.2
1	(N)ERG010SD	18.5	10.5	13.6	9.3	6.0	1.2	4.2	2.80	1.1	3.7	4.2	2.2	4.4	1.9	0.98	7.2
1 1/2	(N)ERG015SD	22.4	10.5	15.2	11.0	6.1	1.4	5.0	3.35	1.4	4.4	4.3	2.8	5.2	2.4	1.26	7.2
2	(N)ERG020CD	27.0	10.5	15.2	11.0	6.1	1.5	5.0	3.35	1.4	4.4	4.3	2.8	5.2	2.4	1.26	7.2
2	(N)ERG020LD	25.0	10.5	15.2	11.0	6.1	1.6	5.0	3.35	1.4	4.4	4.3	2.8	5.2	2.4	1.26	7.2
2	(N)ERG020SD	25.6	10.5	15.2	11.0	6.1	1.6	5.0	3.35	1.4	4.4	4.3	2.8	5.2	2.4	1.26	7.2
2 1/2	(N)ERG025SD	26.8	11.0	15.7	12.8	6.2	1.6	5.8	3.94	1.4	5.3	4.5	3.1	6.0	2.7	1.42	7.2
3	(N)ERG030LD*	30.3	11.0	15.7	12.8	6.2	1.7	5.8	3.94	1.4	5.3	4.5	3.1	6.0	2.7	1.42	7.2
3	(N)ERG030CD	32.7	11.0	15.7	12.8	6.2	1.8	5.8	3.94	1.4	5.3	4.5	3.1	6.0	2.7	1.42	7.2
5	(N)ERG050LD	35.4	11.5	15.8	15.7	6.2	1.9	6.7	4.65	1.8	5.6	5.1	3.2	7.0	3.4	2.13	7.2

\*The (N)ERG030LD listed is the previous hoist model. Refer to Harrington catalog C-EPH for features and benefits.  
Speed ratio is 6:1 with adjustability up to 12:1.