

# Electric Chain Hoist

## Single-Phase



### Hoist Outline

#### Dual Voltage

All single-phase hoists come standard from the factory wired for 115V power supply. To use the hoist on 230V, internal wiring changes required.

#### Overload Protection (friction clutch)

Prevents operators from exceeding a hoist's rated lifting capacity.

#### Operating Conditions

Suitable for environments within -4° to +104° F. Recommended Humidity of 85% or less.

#### Electromagnetic DC brake

Standard DC brake is designed for a long service life.

#### Upper/Lower Limit Switches

Mechanical paddle limit switches. Stops the load chain from progressing past its safe limitation.

#### Pendant Control

Modern, ergonomic design. Mainline contactor, red emergency stop push button is standard on all pendants. Pendant Cord includes external strain relief.

#### Load Chain

Black Oxide Grade 80, case hardened FEC Japanese Chain.

#### Contactor Controlled

#### Chain Container

Included with all standard hoists.

#### Forged Swivel Hook-Notched

Top & Bottom hook rotates 360°. Hooks are notched to securely accommodate the heavy duty cast safety latches. (Fixed position top Hook on 5 ton)

#### Standard Voltage

115v/ 230v Single-Phase, 60 Hz

#### Ratings

Pendant: IP65

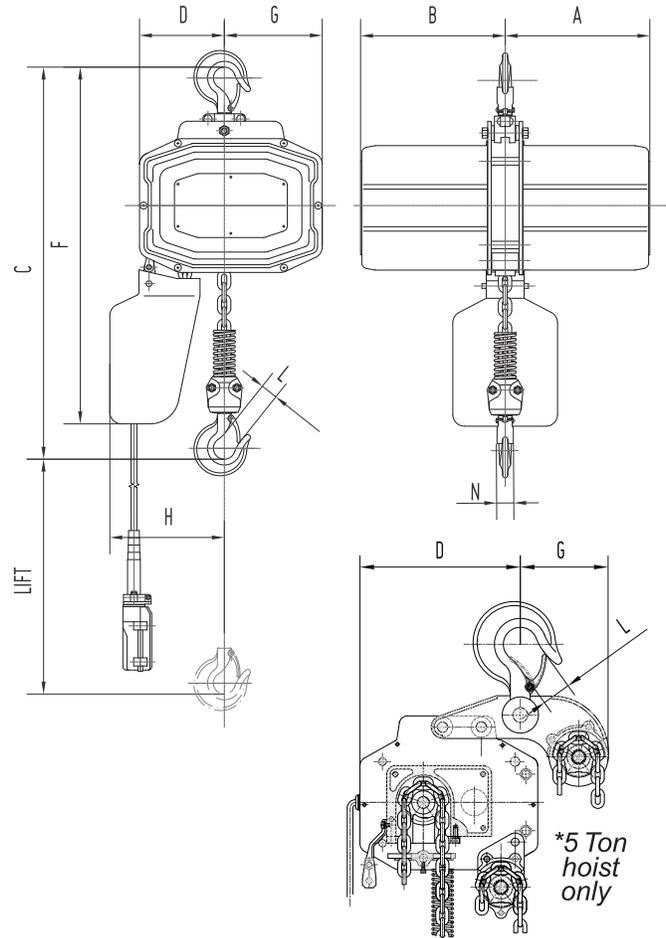
Hoist: IP55

#### Standard Lift

20 Ft (custom lengths available)

#### Standard Pendant Cord Length

17 Ft (custom lengths available)



**Standard Power Cord Length**

15 Ft (custom lengths available)

**Control Voltage**

24v

**Duty Cycle**

40% ED

**Chain Container**

Canvas or plastic container included with all standard hoists.

**Capacity Range**

¼ – 5 Ton

**Hoist Mounting**

Rigid hook; manual trolley; motorized trolley

Product Code	Capacity	Standard Lift Height	Lifting Speed	Motor Output	Power Supply	Load Chain Size	Chain Fall Lines	Pendant Cord Length	Total Net Weight
	tons	ft	ft/min	Hp	Volts (1-Phase)	mm		ft	lbs
HH-B025	1/4	20	21	2	115/230	7.1	1	17	148
HH-B05	1/2	20	21	2	115/230	7.1	1	17	148
HH-B10	1	20	21	2	115/230	7.1	1	17	150
HH-B20	2	20	10.5	2	115/230	7.1	2	17	173
HH-B30	3	20	7	2	115/230	7.1	3	17	198
HH-B50	5	20	4.2	2	115/230	7.1	5	17	333

Product Code	Capacity	Head Room (C)	A	B	G	D	L	F	H	N	Rated Current (amps)	
	tons	in	in	in	in	in	in	in	in	in	@115v	@230v
HH-B025	1/4	21.5	10	10	7	6	1.47	31	8	0.73	14.2	7.1
HH-B05	1/2	21.5	10	10	7	6	1.47	31	8	0.73	14.2	7.1
HH-B10	1	21.5	10	10	7	6	1.47	31	8	0.73	14.2	7.1
HH-B20	2	29.1	10	10	7	6	1.65	34	9	0.83	14.2	7.1
HH-B30	3	31	10	10	4	8	1.69	38	11	0.9	14.2	7.1
HH-B50	5	37	10	10	7.75	12.25	1.75	50	13	1.89	14.2	7.1