

Budgit Electric Hoist Cutaway



Manguard Overload Protection

The Manguard prevents lifting loads beyond the hoist's load range, which may damage the hoist or supporting structure. Optional mechanical load brake is available.

NEW Heavy Duty Motor Brake

AC spring set disc brake for positive braking action and long life with minimal maintenance. Easy 1-step adjustment procedure.

Gearing

Totally enclosed, oil-bath lubricated for long life.

High-Torque, Heavy Duty Hoist Motor

Motors are H4 30-minute rated with class "F" insulation and include a thermal actuated switch –(TAS) embedded in the motor winding for protection

Load Sprocket & Chain Guide

Provided with a full floating chain guide that assures proper engagement of chain on load sprocket.

Lower Block

Provided with a 360° rotating hook riding on thrust bearings. As standard, the hook is provided with a spring-loaded latch.



Push-Button Controls

Standard push-button control station is contoured for operator comfort allowing easy one-handed sure grip control and provided with a weatherproof NEMA-4X enclosure. The push-button cable is provided with built-in strain relief to help prevent cable damage.

Suspension

Hook suspension permits portability of the hoist while lug suspension reduces headroom and can be used with any of our rigid-mount trolleys. New design allows easy change out of either hook or lug suspension.

Paddle Limit Switch

Paddle upper & lower control limit switch standard on all hoists.

Hoist Controls

Single speed (standard) or optional two speed and variable frequency for precision handling is located under a removable cover for easy access.

Powder Coat Finish

Provides a long lasting durable finish and added resistance to corrosive environments.

Chain Container

Included as standard for lifts up to 20'.

Die-Cast Aluminum Alloy Housing and Frame

Lightweight & rugged. Housing is precision machined for accurate gear and bearing alignment.

All hoists are built in compliance to ASME/ANSI B30.16 standards and NEC electrical codes. Budgit® electric hoists and motor-driven trolleys are CSA approved and are ISO9001 certified.

Specifications

Capacity Range	1/4 thru 3 tons
Lift	10 feet standard, additional lifts available.
Lifting Speed	5 to 64 FPM
AC Power Supply	115/230 1-60 HZ; 230/460-3-60 reconnectable or 208 and 575-3-60 single voltage
Control	Push-button control voltage of 115 volts standard on all models. 24-volt control optional.
Suspension	Hook and Lug

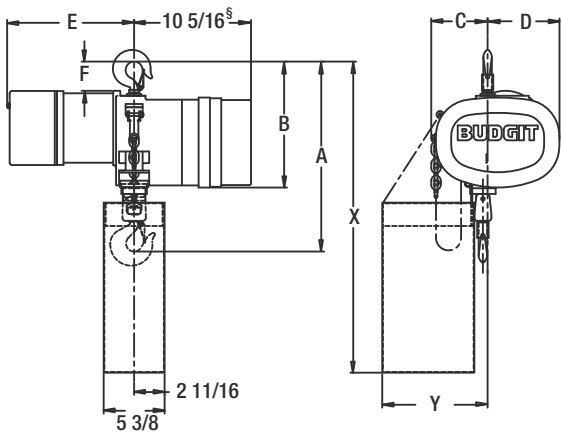
Hook & Lug Mounted Hoists



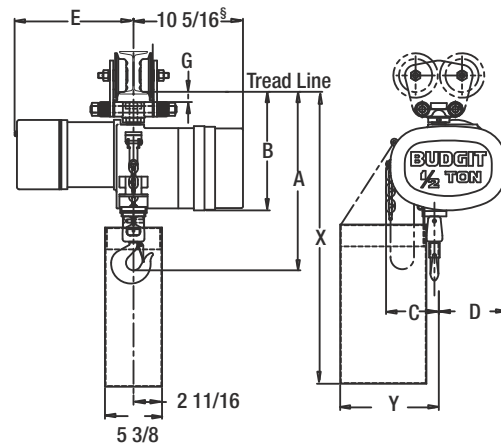
- Single speed standard. Optional 2-speed or variable frequency control available for precision load spotting.
- Heavy duty AC spring set motor brake with easy 1-step adjustment procedure.
- Gearing totally enclosed in oil-bath lubrication for long life.
- High-torque H4 rated heavy duty motor with Class 'F' insulation with thermal actuated switches embedded in the motor winding for protection from overheating
- Weatherproof NEMA-4X enclosed push-button control station specially contoured for operator comfort allowing easy one-handed sure grip control.
- Paddle type upper & lower control limit switch.
- Powder coat finish provides long lasting durable finish and added resistance to corrosive environments.
- Manguard overload protection prevents lifting excessive loads.
- Choice of either hook suspension permitting portability of the hoist or lug suspension which reduces valuable headroom.
- All hoists are built in compliance to ASME/ANSI B30.16 & CSA standards, ISO certified and NEC electrical codes.



Hook Mount



Lug Mount



§ This dimension becomes 11-5/16" for 2-speed and 2-1/2 Hp models only

Specifications & Dimensions

Capacity tons	Hoist Catalog #	Lift Speed FPM	Motor H.P.	Parts of Chain	Net Weight lbs	A		B		C	D	E** Max.	F	G	X***		Y
						Hook in	Lug in	Hook in	Lug in						Hook in	Lug in	
1/4	BEHC2516	16	1/4*	1	77	16-3/4	16-13/16	11-1/8	11-3/16	5	6-5/16	14-1/4	2-9/16	15/16	27-1/2	27-5/8	9-1/2
	BEHC2532	32	1/2		80												
	BEHC2564	64	1		77												
1/2	BEHC5016	16	1/2	1	80	16-3/4	16-13/16	11-1/8	11-3/16	5	6-5/16	14-1/4	2-9/16	15/16	27-1/2	27-5/8	9-1/2
	BEHC5032	32	1		81												
1	BEHC0108	8	1/2	1	88	17-1/2	17-3/8	11-7/16	11-3/8	5-1/8	6-5/16	14-1/4	2-15/16	1-1/8	27-7/8	27-3/4	9-1/2
	BEHC0116	16	1		89												
	BEHC0132	32	2-1/2		95												
2	BEHC0204	4	1/2	2	110	23	22-1/16	13-1/8	12-3/16	6-3/8	5-1/16	14-1/4	4-9/16	1-1/16	33-1/2	32-5/8	10-3/4
	BEHC0208	8	1		111												
	BEHC0216	16	2-1/2		112												
3	BEHC0305	5	1	3	136	25-7/8	26-5/16	14-3/8	14-7/8	7-7/8	7-1/8	14-1/4	5-7/8	2	38-7/8	39-1/4	12-1/4
	BEHC0310	10	2-1/2		146												

* Two speed hoist has a 1/2 H.P. motor

** Maximum length between one & two speed model hoists. Consult factory for exact dimensions.

*** Dimensions based on lifts thru 30 ft (1/4 - 1 Ton capacities), thru 15 ft lift (2 Ton capacity) and thru 10 ft lift (3 Ton capacity)