

Yale YJL Models

Designed for industrial-duty performance. Compact in size, the YJL has standard features such as a multiple disc motor brake, overload clutch, and adjustable limit switches.

Features

- Five-Pocket Load Sheave – Increased chain and sheave engagement 25% over hoists with conventional four-pocket sheaves. Provides smoother lifting and reduces chain wear.
- Mechanical Overload Protection Device – Helps protect hoist, operator, and supporting structures from damaging overloads, chain jamming and reverse phasing.
- Limit Switches – Adjustable to regulate upper and lower load travel.
- Multiple Disc Motor Brake – Heavy-duty design for reliable operation. Direct acting for positive load holding and spotting.

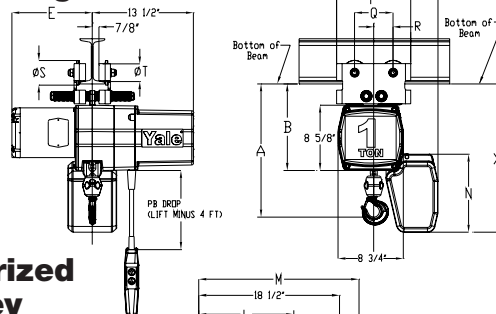
- Oil Bath Transmission – Precision machined alloy steel gears run in oil bath for longer, quieter operation.
- Manual and Motorized trolleys – Single and Dual Speed Models.
- Precision Trolley Wheels – Dual tread trolley wheels fit either flat or tapered I-Beams. Also available in bronze or stainless steel.
- Patented track wheels are available.
- Lifetime warranty.

Specifications

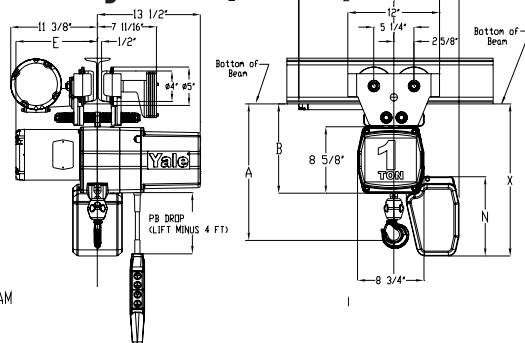
- Capacities & Lifts – Rated loads from 1/4 to 2 Tons Metric Rated. Standard lifts of 10, 15, and 20 feet. Other lifts available. CSA approved.
- Voltages – 115/230 – single phase; 230/460, 208, 380, 415, 575—three phase 60 Hertz standard, 50 Hertz available.
- Hoist Motor – Steel housing and Class F Insulation for longer life. 2-speed with 3 to 1 speed ratio available. H4 Duty Rating—Handles heavy duty work environments.
- Weather Resistant – Hoist is NEMA 3R enclosure.



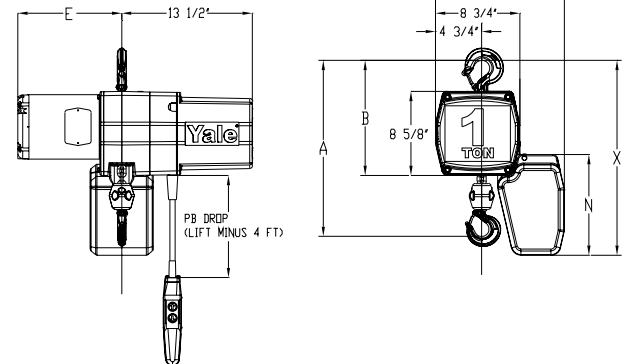
Lug Mount



Motorized Trolley



Hook Mount



NOTE:
ALL DIMENSIONS ARE BASED
ON A S6" X 12.5# STD I-BEAM

YJL with Motorized Trolley Specifications & Dimensions

Capacity	Hoist Catalog #	Lift Speed	Motor	Part of Chain	Net Weight	A	B	E**	N	L	M	X***
tons		FPM	H.P.		lbs.	in.	in.	in.	in.	in.	in.	in.
1/4	YJL1/4-MT16	16	1/2	1	175	17 7/8	11 5/8	11 1/2	10 3/8	12 1/2	21	19 7/8
	YJL1/4-MT32	32	1/2		189							
1/2	YJL1/2-MT16	16	1/2	1	189	17 7/8	11 5/8	11 1/2	10 3/8	12 1/2	21	19 7/8
	YJL1/2-MT32	32	1		202							
1	YJL1-MT16	16	1	1	204	17 7/8	11 5/8	11 1/2	10 3/8	12 1/2	21	19 7/8
2	YJL2-MT8	8	1	2	214	20 5/8	11 11/16	11 1/2	10 3/8	12 1/2	21 7/8	19 7/8

* Weight for 10 ft. lift, lug suspension units with motorized trolley.

** Maximum length for two speed model hoist. 'E' Dimension changes to 10 5/8" for single speed model hoists.

*** Dimension based on standard chain container for 20 ft. lift (single part chain units) and 10 ft. lift (2-part chain units).

YJL with Hook & Lug Specifications & Dimensions

Capacity	Hoist Catalog #	Lift Speed	Motor	Part of Chain	Net Weight	A		B	E**max		N	O	P	Q	R	S Dia.	T Dia.	X***	
						Hook	Lug		Hook	Lug								Hook	Lug
tons		FPM	H.P.		lbs.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.
1/4	YJL1/4-16	16	1/2	1	65	18 1/8	17 3/4	11 13/16	11 1/2	11 1/2	10 3/8	13 1/2	9 7/8	5 1/8	2 1/2	3 1/4	2 3/8	20 1/16	19 3/4
	YJL1/4-32	32	1/2		79	18 1/8	17 3/4	11 13/16	11 1/2	11 1/2	10 3/8	13 1/2	9 7/8	5 1/8	2 1/2	3 1/4	2 3/8	20 1/16	19 3/4
1/2	YJL1/2-16	16	1/2	1	79	18 1/8	17 3/4	11 13/16	11 1/2	11 1/2	10 3/8	13 1/2	9 7/8	5 1/8	2 1/2	3 1/4	2 3/8	20 1/16	19 3/4
	YJL1/2-32	32	1		92	18 1/8	17 3/4	11 13/16	11 1/2	11 1/2	10 3/8	13 1/2	9 7/8	5 1/8	2 1/2	3 1/4	2 3/8	20 1/16	19 3/4
1	YJL1-16	16	1	1	94	18 1/8	17 3/4	11 13/16	11 1/2	11 1/2	10 3/8	13 1/2	9 7/8	5 1/8	2 1/2	3 1/4	2 3/8	20 1/16	19 3/4
2	YJL2-8	8	1	2	104	20 7/8	20 1/2	11 3/4	11 1/2	11 1/2	10 3/8	16 7/16	11 3/4	5 7/8	2 15/16	4 3/8	3 1/8	20 1/16	19 15/16

* Weight for 10 ft. lift, top hook and lug suspension units.

** Maximum length for two speed model hoist. 'E' Dimension changes to 10 5/8" for single speed model hoists.

*** Dimension based on standard chain container for 20 ft. lift (single part chain units) and 10 ft. lift (2-part chain units).



Easy Change
Top Suspension

Quick Connect
Chain Container

IEC Controls