# Yale®

## Electric Wire Rope

**H4 Duty Class**

## FOOT MOUNTED WINCH

**CEILING AND WALL MOUNT**

**Double Line**

<table>
<thead>
<tr>
<th>SECTION</th>
<th>PAGE NO.</th>
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<tr>
<td>Foot Mounted Winch - Double Line</td>
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*April 2007*
**Electric Wire Rope**

**H4 Duty Class**

**FOOT MOUNTED WINCH**

**Double Line**

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**Drawing 35-101 .5Ton**

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<tr>
<th>Model Number</th>
<th>Lift (ft)</th>
<th>Speed (fpm)</th>
<th>Motor HP/RPM</th>
<th>Rope Dia.</th>
<th>B*</th>
<th>C</th>
<th>K</th>
<th>T</th>
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*Maximum dimension for single and two speed hoist.
Lifts based on standard rope.
Additional lifts, speeds and non-rotating rope available, consult factory.
Yale reserves the right to make product changes as necessary.
**Yale® Electric Wire Rope H4 Duty Class**

**FOOT MOUNTED WINCH**

Double Line

1 TON

---

**ROPE TRAVEL**

9-1/4

4-1/4

T

T

4-1/4

B*

C

K

6" TO REMOVE MOTOR

6" TO REMOVE BRAKE

---

**Drawing 35-101 1Ton**

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*Maximum dimension for single and two speed hoist.

Lifts based on standard rope.

Additional lifts, speeds and non-rotating rope available, consult factory.

Yale reserves the right to make product changes as necessary.
Yale Electric Wire Rope H4 Duty Class

FOOT MOUNTED WINCH
Double Line
1 1/2 TON

Drawing 35-102 1.5Ton

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*Maximum dimension for single and two speed hoist.
Lifts based on standard rope.
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Yale®
EW
Electric Wire Rope
H4 Duty Class
FOOT MOUNTED
WINCH
Double Line
1 1/2 TON

ROPE TRAVEL

9-1/4
4-1/4

4-1/4

6" TO REMOVE MOTOR

6" TO REMOVE BRAKE

B*

K

C

Drawing 35-103 1.5Ton

<table>
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<th>Model Number</th>
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*Maximum dimension for single and two speed hoist.
Lifts based on standard rope.
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Yale Electric Wire Rope H4 Duty Class

FOOT MOUNTED WINCH 2 1/2 TON

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**Drawing 35-104 2.5Ton**

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<th>C</th>
<th>K</th>
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*Maximum dimension for single and two speed hoist.
Lifts based on standard rope.
Additional lifts, speeds and non-rotating rope available, consult factory.
Yale reserves the right to make product changes as necessary.
**Yale® EW Electric Wire Rope H4 Duty Class**

**FOOT MOUNTED WINCH**

**2 1/2 TON**

---

**ROPE TRAVEL**

**6" TO REMOVE MOTOR**

**DEW2½-42FM63D1**
- Lift (ft): 42
- Speed (fpm): 63
- Motor HP/RPM: 10-1800
- Rope Dia.: 3/8
- B*: 33
- C: 31
- K: 25 1/2
- T: 6 3/4
- Wt.: 1090 lbs

**DEW2½-66FM63D1**
- Lift (ft): 66
- Speed (fpm): 63
- Motor HP/RPM: 10-1800
- Rope Dia.: 3/8
- B*: 36
- C: 34
- K: 32 1/2
- T: 10 1/4
- Wt.: 1150 lbs

**EEW2½-76FM100D1**
- Lift (ft): 76
- Speed (fpm): 100
- Motor HP/RPM: 20-1800
- Rope Dia.: 3/8
- B*: 40
- C: 38
- K: 32 1/2
- T: 10 1/4
- Wt.: 1810 lbs

**DEW2½-86FM63D1**
- Lift (ft): 86
- Speed (fpm): 63
- Motor HP/RPM: 10-1800
- Rope Dia.: 3/8
- B*: 39
- C: 37
- K: 38 1/2
- T: 13 1/4
- Wt.: 1210 lbs

**EEW2½-100FM100D1**
- Lift (ft): 100
- Speed (fpm): 100
- Motor HP/RPM: 20-1800
- Rope Dia.: 3/8
- B*: 43
- C: 41
- K: 38 1/2
- T: 13 1/4
- Wt.: 1890 lbs

**DEW2½-110FM63D1**
- Lift (ft): 110
- Speed (fpm): 63
- Motor HP/RPM: 10-1800
- Rope Dia.: 3/8
- B*: 43
- C: 41
- K: 45 1/2
- T: 16 3/4
- Wt.: 1280 lbs

**EEW2½-126FM100D1**
- Lift (ft): 126
- Speed (fpm): 100
- Motor HP/RPM: 20-1800
- Rope Dia.: 3/8
- B*: 46
- C: 44
- K: 45 1/2
- T: 16 3/4
- Wt.: 1960 lbs

**EEW2½-162FM100D1**
- Lift (ft): 162
- Speed (fpm): 100
- Motor HP/RPM: 20-1800
- Rope Dia.: 3/8
- B*: 51
- C: 49
- K: 54 1/2
- T: 21 1/4
- Wt.: 2070 lbs

---

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**Yale® Electric Wire Rope H4 Duty Class**  
**FOOT MOUNTED WINCH**  
**Double Line**  
**3 3/4 TON**

---

**Diagram:**
- **ROPE TRAVEL**
- **ROPE UP**
- **B**
- **C**
- **1-1/4 BOLT DIA. 8 PLCS.**
- **6" TO REMOVE BRAKE**
- **6" TO REMOVE MOTOR**

---

**Drawing 35-105 3.75Ton**

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<table>
<thead>
<tr>
<th>Model Number</th>
<th>Lift (ft)</th>
<th>Speed (fpm)</th>
<th>Motor HP/RPM</th>
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<th>B&quot;</th>
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<td>51</td>
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<td>54 1/2</td>
<td>21 1/4</td>
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*Maximum dimension for single and two speed hoist through 20 Hp; and 25 & 30 HP wound rotor. Additional lifts, speeds and non-rotating rope available, consult factory. Yale reserves the right to make product changes as necessary.*
**Yale® Electric Wire Rope H4 Duty Class**

**FOOT MOUNTED WINCH**

**3 3/4 TON**

---

**Drawing 35-106 3.75Ton**

<table>
<thead>
<tr>
<th>Model Number</th>
<th>Lift (ft)</th>
<th>Speed (fpm)</th>
<th>Motor HP/RPM</th>
<th>Rope Dia.</th>
<th>B*</th>
<th>C</th>
<th>K</th>
<th>T</th>
<th>Wt. lbs</th>
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<td>128</td>
<td>92</td>
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<td>49</td>
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<td>FEW3%-164FM92D1</td>
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<td>43 5/8</td>
<td>3290</td>
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*Maximum dimension for single and two speed hoist through 20 Hp; and 25 & 30 HP wound rotor. Lifts based on standard rope. Additional lifts, speeds and non-rotating rope available, consult factory. Yale reserves the right to make product changes as necessary.*
**Yale® EW Electric Wire Rope H4 Duty Class**

**FOOT MOUNTED WINCH**

**Double Line 5 TON**

---

**Drawing 35-106 5Ton**

<table>
<thead>
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<th>Model Number</th>
<th>Lift (ft)</th>
<th>Speed (fpm)</th>
<th>Motor HP/RPM</th>
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<th>C</th>
<th>K</th>
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<td>75 1/4</td>
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<td>202</td>
<td>92</td>
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<td>79</td>
<td>105 1/4</td>
<td>43 5/8</td>
<td>3290</td>
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</table>

*Maximum dimension for single and two speed hoist.
Lifts based on standard rope.
Additional lifts, speeds and non-rotating rope available, consult factory.
Yale reserves the right to make product changes as necessary.
### Yale® Electric Wire Rope H4 Duty Class FOOT MOUNTED WINCH Double Line

**5 TON**

**1-1/4 BOLT DIA. 8 PLCS.**

---

**Drawing 35-107 5Tbn**

<table>
<thead>
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<th>Model Number</th>
<th>Lift (ft)</th>
<th>Speed (fpm)</th>
<th>Motor HP/RPM</th>
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<th>B*</th>
<th>C</th>
<th>K</th>
<th>T</th>
<th>Wt. lbs</th>
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<td>66</td>
<td>25</td>
<td>10-1200</td>
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<td>46</td>
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<td>15-1800</td>
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<td>46</td>
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<td>45 1/2</td>
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<td>15-1800</td>
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<td>60</td>
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<td>EEW5X150FM52D1</td>
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<td>52</td>
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<td>2560</td>
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</tbody>
</table>

*Maximum dimension for single and two speed hoist through 20 Hp; and 25 & 30 HP wound rotor.

Lifts based on standard rope.

Additional lifts, speeds and non-rotating rope available, consult factory.

Yale reserves the right to make product changes as necessary.
CEILING AND WALL MOUNT
Double Line
½ TON

**CM - Ceiling Mounted or WM - Wall Mounted
Lifts based on standard rope.
Additional lifts, speeds and non-rotating rope available, consult factory.
Yale reserves the right to make product changes as necessary.

### Table

<table>
<thead>
<tr>
<th>Model Number</th>
<th>Lift (ft)</th>
<th>Speed (fpm)</th>
<th>Motor HP/RPM</th>
<th>Rope Dia.</th>
<th>B*</th>
<th>C</th>
<th>K</th>
<th>T</th>
<th>Wt. lbs</th>
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<td>29</td>
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<td>23</td>
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<td>1 1/2-1800</td>
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<td>43</td>
<td>1 1/2-1800</td>
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<td>BEW1/2-42**77D1</td>
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<td>77</td>
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<td>1-1200</td>
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<td>10 3/4</td>
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<td>10 3/4</td>
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</table>

*Maximum dimension for single and two speed hoist.

**CM - Ceiling Mounted or WM - Wall Mounted
Lifts based on standard rope.
Additional lifts, speeds and non-rotating rope available, consult factory.
Yale reserves the right to make product changes as necessary.
Yale®
EW
Electric Wire Rope
H4 Duty Class
CEILING AND WALL MOUNT
Double Line

6" TO REMOVE MOTOR
6" TO REMOVE BRAKE

CEILING MOUNTED END VIEW
WALL MOUNTED END VIEW

Model Number | Lift (ft) | Speed fpm | Motor HP/RPM | Rope Dia. | B* | C | K | T | Wt. lbs
---|---|---|---|---|---|---|---|---|---
BEW1-42**29D1 | 42 | 29 | 2-1200 | 1/4 | 28 | 26 | 25 | 7 1/4 | 510
BEW1-42**43D1 | 42 | 43 | 3-1800 | 1/4 | 27 | 26 | 25 | 7 1/4 | 520
BEW1-64**29D1 | 64 | 29 | 2-1200 | 1/4 | 32 | 30 | 32 | 10 3/4 | 540
BEW1-64**43D1 | 64 | 43 | 3-1800 | 1/4 | 30 | 30 | 32 | 10 3/4 | 540
BEW1-84**29D1 | 84 | 29 | 2-1200 | 1/4 | 35 | 33 | 38 | 13 3/4 | 560
BEW1-84**43D1 | 84 | 43 | 3-1800 | 1/4 | 33 | 33 | 38 | 13 3/4 | 570

*Maximum dimension for single and two speed hoist.
**CM - Ceiling Mounted or WM - Wall Mounted
Lifts based on standard rope.
Additional lifts, speeds and non-rotating rope available, consult factory.
Yale reserves the right to make product changes as necessary.

April 2007
YDWD-13
**CEILING AND WALL MOUNT**

**Electric Wire Rope**

- **H4 Duty Class**
- **Double Line**

**Model Number**

<table>
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<th>Model Number</th>
<th>Lift (ft)</th>
<th>Speed (fpm)</th>
<th>Motor HP/RPM</th>
<th>Rope Dia.</th>
<th>B*</th>
<th>C</th>
<th>K</th>
<th>T</th>
<th>Wt. lbs</th>
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<td>5/16</td>
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<td>590</td>
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<td>600</td>
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<td>BEW1½X68**32D1</td>
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<td>39</td>
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*Maximum dimension for single and two speed hoist.
**CM - Ceiling Mounted or WM - Wall Mounted
Lifts based on standard rope.
Additional lifts, speeds and non-rotating rope available, consult factory.
Yale reserves the right to make product changes as necessary.
Yale®
Electric Wire Rope
H4 Duty Class

CEILING AND
WALL MOUNT
1 1/2 TON

**CM - Ceiling Mounted or WM - Wall Mounted
Lifts based on standard rope.
Additional lifts, speeds and non-rotating rope available, consult factory.
Yale reserves the right to make product changes as necessary.

Drawing 35-110 1.5Ton

<table>
<thead>
<tr>
<th>Model Number</th>
<th>Lift (ft)</th>
<th>Speed (fpm)</th>
<th>Motor HP/RPM</th>
<th>Rope Dia.</th>
<th>B*</th>
<th>C</th>
<th>K</th>
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<td>74</td>
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<td>16 3/4</td>
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*Maximum dimension for single and two speed hoist.
**CM - Ceiling Mounted or WM - Wall Mounted
Lifts based on standard rope.
Additional lifts, speeds and non-rotating rope available, consult factory.
Yale reserves the right to make product changes as necessary.
Yale Electric Wire Rope
H4 Duty Class
Double Line

2 1/2 TON

**CEILING AND WALL MOUNT**

*Maximum dimension for single and two speed hoist.

**CM - Ceiling Mounted or WM - Wall Mounted

Lifts based on standard rope.

Additional lifts, speeds and non-rotating rope available, consult factory.

Yale reserves the right to make product changes as necessary.

**Model Number** | **Lift (ft)** | **Speed fpm** | **Motor HP/RPM** | **Rope Dia.** | **B** | **C** | **K** | **T** | **Wt. lbs**
--- | --- | --- | --- | --- | --- | --- | --- | --- | ---
CEW2½X32**31D1  | 32 | 31 | 5-1200 | 3/8 | 33 | 30 | 24 | 6 3/4 | 690
CEW2½X50**31D1  | 50 | 31 | 5-1200 | 3/8 | 36 | 34 | 31 | 10 1/4 | 740
CEW2½X66**31D1  | 66 | 31 | 5-1200 | 3/8 | 39 | 37 | 37 | 13 1/4 | 770
CEW2½X84**31D1  | 84 | 31 | 5-1200 | 3/8 | 43 | 40 | 44 | 16 3/4 | 820

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*Drawing 35-111 2.5Ton*
Yale®

Electric Wire Rope

H4 Duty Class

CEILING AND WALL MOUNT

Double Line

2½ TON

*Maximum dimension for single and two speed hoist.

**CM - Ceiling Mounted or WM - Wall Mounted

Lifts based on standard rope.

Additional lifts, speeds and non-rotating rope available, consult factory.

Yale reserves the right to make product changes as necessary.

<table>
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<tr>
<th>Model Number</th>
<th>Lift (ft)</th>
<th>Speed fpm</th>
<th>Motor HP/RPM</th>
<th>Rope Dia.</th>
<th>B*</th>
<th>C</th>
<th>K</th>
<th>Q'</th>
<th>T</th>
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<td>37</td>
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* April 2007

YDWD-17
**Yale® EW Electric Wire Rope H4 Duty Class**

**CEILING AND WALL MOUNT**

**3 3/4 TON**

---

### Model Number

- **Lift (ft)**
- **Speed (fpm)**
- **Motor HP/RPM**
- **Rope Dia.**
- **B**
- **C**
- **J**
- **CM K**
- **WM K**
- **T**
- **Wt. lbs**

<table>
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<th>Model Number</th>
<th>Lift (ft)</th>
<th>Speed (fpm)</th>
<th>Motor HP/RPM</th>
<th>Rope Dia.</th>
<th>B</th>
<th>C</th>
<th>J</th>
<th>CM K</th>
<th>WM K</th>
<th>T</th>
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<td>28</td>
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<td>7/16</td>
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<td>54 1/2</td>
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</table>

*Maximum dimension for single and two speed hoist through 20 HP; and 25 & 30 HP wound rotor.

**CM - Ceiling Mounted or WM - Wall Mounted**

Lifts based on standard rope.

Additional lifts, speeds and non-rotating rope available, consult factory.

Yale reserves the right to make product changes as necessary.
**CEILING AND WALL MOUNT 3¾ TON**

**Yale® EW Electric Wire Rope H4 Duty Class**

**Ceiling Mount**

[Diagram of Ceiling Mount]

**Wall Mount**

[Diagram of Wall Mount]

**Model Number** | **Lift (ft)** | **Speed (fpm)** | **Motor HP/RPM** | **Rope Dia.** | **B** | **C** | **CM K** | **WM K** | **T** | **Wt. (lbs)**
---|---|---|---|---|---|---|---|---|---|---
FEW3¾-128**92D1** | 128 | 92 | 25-1800 | 7/16 | 64 | 49 | 45 1/4 | 45 3/4 | 13 5/8 | 2590
FEW3¾-164**92D1** | 164 | 92 | 25-1800 | 7/16 | 69 | 54 | 55 1/4 | 55 3/4 | 18 5/8 | 2720
FEW3¾-240**92D1** | 240 | 92 | 25-1800 | 7/16 | 79 | 64 | 75 1/4 | 75 3/4 | 28 5/8 | 2950
FEW3¾-354**92D1** | 354 | 92 | 25-1800 | 7/16 | 94 | 79 | 105 1/4 | 105 3/4 | 43 5/8 | 3290

*Maximum dimension for single and two speed hoist through 20 HP; and 25 & 30 HP wound rotor.

**CM** - Ceiling Mounted or **WM** - Wall Mounted

Lifts based on standard rope.

Additional lifts, speeds and non-rotating rope available, consult factory.

**Yale reserves the right to make product changes as necessary.**
Yale® EW Electric Wire Rope H4 Duty Class CEILING AND WALL MOUNT Double Line

### Ceiling Mount

![Ceiling Mount Diagram]

### Wall Mount

![Wall Mount Diagram]

<table>
<thead>
<tr>
<th>Model Number</th>
<th>Lift (ft)</th>
<th>Speed (fpm)</th>
<th>Motor HP/RPM</th>
<th>Rope Dia.</th>
<th>B*</th>
<th>C</th>
<th>CM</th>
<th>WM</th>
<th>T</th>
<th>Wt. lbs</th>
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*Maximum dimension for single and two speed hoist through 20 HP; and 25 & 30 HP wound rotor.

**CM - Ceiling Mounted or WM - Wall Mounted

Lifts based on standard rope.

Additional lifts, speeds and non-rotating rope available, consult factory.

Yale reserves the right to make product changes as necessary.
Ceiling Mount

*Maximum dimension for single and two speed hoist through 20 Hp; and 25 & 30 HP wound rotor.

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Wall Mount

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