

# EMH Wire Rope Hoists

## Dimensions and Specifications

**Hoist Model: EM 3000D**  
**Trolley Type: Top Running for Double Girder Cranes**

**Reeving: 4 to 1**

**Capacities: 5, 7.5 and 10 tons**

<b>Rope Diameter:</b>	11 mm
<b>Drum Diameter:</b>	10.625"
<b>Sheave Diameter:</b>	9.125"
<b>Hoist Motor HP:</b>	12.4/2
<b>Trolley Motor HP:</b>	2 x 0.5
<b>Speeds (fpm):</b>	16/2.6, 25/4.2
<b>Std. Trolley Speed (fpm):</b>	80 VFD

<b>Duty Service Classification</b>		<b>FEM</b>	<b>HMI</b>
<b>Capacity in US Tons</b>	<b>5</b>	3	H4
	<b>7.5</b>	3	H4
	<b>10</b>	2	H4

<b>Dimensions (inches):</b>		
Refer to drawing below. M, T and Standard SP (trolley gauge) dimensions plus weight shown in adjacent tables.	<b>B:</b>	27.5
	<b>C:</b>	15.5
	<b>DA:</b>	5.125
	<b>DL:</b>	6.125
	<b>E:</b>	2.75
	<b>F:</b>	2.25
	<b>G:</b>	3.375
	<b>H:</b>	23
	<b>K:</b>	4.75
	<b>O *:</b>	16.5
	<b>P:</b>	3.125
	<b>R:</b>	42
	<b>U *:</b>	10.25
<b>X:</b>	0.625	

<b>Standard SP (trolley gauge):</b>			
<b>Varies with lifts shown at right.</b>	<b>20 ft.</b>	<b>33 ft.</b>	<b>50 ft.</b>
	63	78.75	98.5

<b>Available Lifts (feet):</b>				
<b>M, T, and Wt. vary with lift.</b>		<b>M (in.)</b>	<b>T (in.)</b>	<b>Wt. (lbs.)</b>
	<b>20</b>	3.375	33.25	1914
	<b>33</b>	5.625	42.5	2332
	<b>50</b>	8.5	53.5	2530

\* Dimensions O and U may vary depending on the type of control.

