

# EMH Wire Rope Hoists Dimensions and Specifications

**Hoist Model: EM 3000E**  
**Trolley Type: Monorail for Single Girder Cranes**

**Reeving: 2 to 1**

**Capacities: 5 tons**

<b>Rope Diameter (mm):</b>	11
<b>Drum Diameter:</b>	10.75"
<b>Sheave Diameter:</b>	9.125"
<b>Hoist Motor HP:</b>	10.3/1.8
<b>Trolley Motor HP:</b>	0.6/0.15
<b>Trolley Wheel Diameter:</b>	6.25"
<b>Speeds (fpm)</b>	32/5.2, 40/6.4, 50/8.2
<b>Trolley Speed (fpm):</b>	65 VFD

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

<b>Dimensions (inches):</b>		
Refer to drawing below. C, M and R dimensions shown in adjacent tables.	<b>A:</b>	23.25
	<b>B:</b>	24
	<b>G:</b>	15.125
	<b>H:</b>	10.5
	<b>I:</b>	6.25
	<b>K:</b>	5.375
	<b>L:</b>	16.875
<b>N-Min:</b>	5	
<b>N-Max:</b>	20	
<b>Maximum Flange Thickness:</b>	1.535	

<b>Available Lifts (ft):</b>				
M, R and Wt. vary with lift		<b>M (in.)</b>	<b>R (in.)</b>	<b>Wt. (lbs.)</b>
	<b>40</b>	6.75	33	2280
	<b>65</b>	11.25	43.75	2400
	<b>100</b>	16.75	55.875	2530

<b>C Dimension - inches:</b>			
Varies with flange width (N)	<b>N &lt; 12"</b>	<b>12" &lt; N &lt; 16"</b>	<b>N &gt; 16"</b>
	25.625	27.625	32.25

