

# EMH Wire Rope Hoists

## Dimensions and Specifications

**Hoist Model: EM 1000E**  
**Trolley Type: Monorail for Single Girder Cranes**

**Reeving: 8 to 2**

**Capacities: 3 and 5 tons**

<b>Rope Diameter (mm):</b>	2 x 6.4
<b>Drum Diameter:</b>	6.75"
<b>Sheave Diameter:</b>	6.25
<b>Hoist Motor HP:</b>	7.2/1.2
<b>Trolley Motor HP:</b>	0.6/0.15
<b>Trolley Wheel Diameter:</b>	4.5"
<b>Speeds (fpm)</b>	16/2.6
<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>3</b>	3	H4
	<b>5</b>	1	H3

<b>Dimensions (inches):</b>		
Refer to drawing below. C, M and R dimensions shown in adjacent tables.	<b>A:</b>	18.5
	<b>B:</b>	20.5
	<b>G:</b>	11.375
	<b>H:</b>	8
	<b>I:</b>	6.5
	<b>K:</b>	3.625
	<b>N-Min:</b>	3.25
<b>N-Max:</b>	16	
<b>Maximum Flange Thickness:</b>	1.32	

<b>Available Lifts (ft): L, M, R and Wt. vary with lift.</b>				
	<b>L (in.)</b>	<b>M (in.)</b>	<b>R (in.)</b>	<b>Wt. (lbs.)</b>
<b>7</b>	19	19.25	31.25	1260
<b>16</b>	24.5	24.875	42.25	1370
<b>27</b>	31.375	31.75	56	1460
<b>33</b>	35	35.375	63.25	1570

<b>C Dimension - inches:</b>			
<b>Varies with flange width (N)</b>	<b>N&lt;8"</b>	<b>8"&lt;N&lt;12"</b>	<b>12"&lt;N&lt;16"</b>
	21.5	21.5	26

