

# EMH Wire Rope Hoists Dimensions and Specifications

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

**Reeving: 4 to 1**

**Capacities: 3 and 5 tons**

<b>Rope Diameter (mm):</b>	8
<b>Drum Diameter:</b>	6.75"
<b>Sheave Diameter:</b>	6.375"
<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, 25/4.2
<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>3</b>	3	H4
	<b>5</b>	2M	H4

<b>Dimensions (inches):</b>		
Refer to drawing below. C, M and R dimensions shown in adjacent tables.	<b>A:</b>	19
	<b>B:</b>	20.5
	<b>G:</b>	11.375
	<b>H:</b>	8
	<b>I:</b>	6.5
	<b>K:</b>	3.75
	<b>L:</b>	13.875
	<b>N-Min:</b>	3.25
<b>N-Max:</b>	16	
<b>Maximum Flange Thickness:</b>		1.32

<b>Available Lifts (ft):</b>				
<b>M, R and Wt. vary with lift</b>		<b>M (in.)</b>	<b>R (in.)</b>	<b>Wt. (lbs.)</b>
	<b>20</b>	4.125	31.25	1225
	<b>33</b>	7	42.25	1350
	<b>50</b>	10.375	56	1440

<b>C Dimension - inches:</b>			
<b>Varies with Flange Width (N)</b>	<b>N&lt;8"</b>	<b>8"&lt;N&lt;16"</b>	<b>N&gt;16"</b>
	23	25	29

