

# EMH Wire Rope Hoists

## Dimensions and Specifications

**Hoist Model: EM 800E**  
**Trolley Type: Monorail for Single Girder Cranes**

**Reeving: 4 to 1**

**Capacities: 2 and 3 tons**

<b>Rope Diameter:</b>	6.4 mm
<b>Drum Diameter:</b>	5.625"
<b>Sheave Diameter:</b>	5.75"
<b>Hoist Motor HP:</b>	4.1/0.68
<b>Trolley Motor HP:</b>	0.3/0.075
<b>Trolley Wheel Diameter:</b>	4"
<b>Speeds (fpm):</b>	16/2.6, 20/3.2
<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>2</b>	3	H4
	<b>3</b>	2	H4

<b>Dimensions (inches):</b>		
Refer to drawing below. C, M and R dimensions shown in adjacent tables.	<b>A:</b>	16.75
	<b>B:</b>	17.875
	<b>G:</b>	9.875
	<b>H:</b>	6.75
	<b>I:</b>	6.5
	<b>K:</b>	3.25
	<b>L:</b>	12.125
	<b>N-Min:</b>	3.25
<b>N-Max:</b>	15.75	
<b>Maximum Flange Thickness:</b>		1.929

<b>Available Lifts (feet):</b>				
<b>M and R vary with lift.</b>		<b>M (in.)</b>	<b>R (in.)</b>	<b>Wt. (lbs.)</b>
	<b>20</b>	3.75	27.125	680
	<b>33</b>	6.25	37.125	750
	<b>50</b>	9.5	49.75	815

<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>
		16.25	20.75

