

# EMH Wire Rope Hoists Dimensions and Specifications

**Hoist Model: EM 300E**  
**Trolley Type: Monorail for Single Girder Cranes**

**Reeving: 4 to 1**

**Capacities: 7.5 and 10 tons**

<b>Rope Diameter (mm):</b>	11
<b>Drum Diameter:</b>	10.75"
<b>Sheave Diameter:</b>	9.125"
<b>Hoist Motor HP:</b>	12.4/2.0
<b>Trolley Motor HP:</b>	1.5
<b>Trolley Wheel Diameter:</b>	6.25
<b>Speeds (fpm)</b>	16/2.6, 20/3.2, 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>7.5</b>	3	H4
	<b>10</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>	5.6375
	<b>L:</b>	19.5
	<b>N-Min:</b>	5
<b>N-Max:</b>	20	
<b>Maximum Flange Thickness:</b>		1.535

<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>	3.375	21.5	2230
	<b>33</b>	5.625	30.375	2380
	<b>50</b>	8.375	41.625	2730

<b>C Dimension - inches:</b>			
<b>Varies with Flange Width (N)</b>	<b>N &lt; 12"</b>	<b>12" &lt; N &lt; 16"</b>	<b>N &gt; 16"</b>
		22.625	27.5

