

# EMH Wire Rope Hoists Dimensions and Specifications

**Hoist Model: EM 3150E**  
**Trolley Type: Monorail for Single Girder Cranes**

**Reeving: 4 to 1**

**Capacities: 15 tons**

<b>Rope Diameter (mm):</b>	14
<b>Drum Diameter:</b>	10
<b>Sheave Diameter:</b>	12
<b>Hoist Motor HP:</b>	15.5/2.6
<b>Trolley Motor HP:</b>	2x1.0
<b>Trolley Wheel Diameter:</b>	7.875
<b>Speeds (fpm)</b>	15.5/2.5
<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>15</b>	1A	H3

<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>	24.375
	<b>G:</b>	14.25
	<b>H:</b>	11.125
	<b>I:</b>	6.125
	<b>K:</b>	6.125
	<b>L:</b>	22.25
	<b>N-Min:</b>	11
<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>	4.625	44.25	2880
	<b>33</b>	7.625	53.125	3000
	<b>50</b>	11.375	68.25	3360

<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>
	31	33	36

