

# EMH Wire Rope Hoists

## Dimensions and Specifications

**Hoist Model: EM 5000D**  
**Trolley Type: Top Running for Double Girder Cranes**

**Reeving: 2 to 1**

**Capacities: 5, 7.5, and 10 tons**

<b>Rope Diameter:</b>	16 mm
<b>Drum Diameter:</b>	11.625"
<b>Sheave Diameter:</b>	13"
<b>Hoist Motor HP:</b>	20.4/3.4
<b>Trolley Motor HP:</b>	2 x 0.75
<b>Speeds (fpm):</b>	32/5.3, 42/7
<b>Std. Trolley Speed (fpm):</b>	80 VFD

Duty Service Classification		FEM	HMI
Capacity in US Tons	5	3	H4
	7.5	2	H4
	10	1	H3

Dimensions (inches):		
Refer to drawing below. M, T and Standard SP (trolley gauge) dimensions plus weight shown in adjacent tables.	<b>B:</b>	33
	<b>C:</b>	17.5
	<b>DA:</b>	7.875
	<b>DL:</b>	8.875
	<b>E:</b>	2.625
	<b>F:</b>	2.325
	<b>G:</b>	5
	<b>H:</b>	35
	<b>K:</b>	4
	<b>O *:</b>	17.5
	<b>P:</b>	3.125
	<b>R:</b>	48
	<b>U *:</b>	18
<b>X:</b>	2.375	

Standard SP (trolley gauge):			
Varies with lifts shown at right.	40 ft.	65 ft.	99 ft.
	63	78.75	78.75

Available Lifts (feet):				
M, T, and Wt. vary with lift.		M (in.)	T (in.)	Wt. (lbs.)
	40	9	34	2500
	65	15	35.25	2600
	99	22.5	36.75	2700

\* Dimensions O and U may vary depending on the type of control.

