

# EMH Wire Rope Hoists

## Dimensions and Specifications

**Hoist Model: EM 3000D**  
**Trolley Type: Top Running for Double Girder Cranes**

**Reeving: 4 to 1**

**Capacities: 13.75 tons and 15 tons**

|                                  |          |
|----------------------------------|----------|
| <b>Rope Diameter:</b>            | 13 mm    |
| <b>Drum Diameter:</b>            | 10.625"  |
| <b>Sheave Diameter:</b>          | 9.125"   |
| <b>Hoist Motor HP:</b>           | 15.5/2.6 |
| <b>Trolley Motor HP:</b>         | 2 x 0.75 |
| <b>Speeds (fpm):</b>             | 16/2.6   |
| <b>Std. Trolley Speed (fpm):</b> | 80 VFD   |

| <b>Duty Service Classification</b> |              | <b>FEM</b> | <b>HMI</b> |
|------------------------------------|--------------|------------|------------|
| <b>Capacity in US Tons</b>         | <b>13.75</b> | 2          | H4         |
|                                    | <b>15</b>    | 1          | H3         |

| <b>Dimensions (inches):</b>   |             |        |
|---|-------------|--------|
| Refer to drawing below. M, T and Standard SP (trolley gauge) dimensions plus weight shown in adjacent tables. | <b>B:</b>   | 28.375 |
|   | <b>C:</b>   | 14.75  |
|   | <b>DA:</b>  | 6.3    |
|   | <b>DL:</b>  | 7.3    |
|   | <b>E:</b>   | 3      |
|   | <b>F:</b>   | 2.5    |
|   | <b>G:</b>   | 4.25   |
|   | <b>H:</b>   | 25.375 |
|   | <b>K:</b>   | 5.125  |
|   | <b>O *:</b> | 17.5   |
|   | <b>P:</b>   | 3.125  |
|   | <b>R:</b>   | 42.125 |
|   | <b>U *:</b> | 10.25  |
| <b>X:</b>   | ---         |        |

| <b>Standard SP (trolley gauge):</b>      |               |               |               |
|--|---------------|---------------|---------------|
| <b>Varies with lifts shown at right.</b> | <b>20 ft.</b> | <b>33 ft.</b> | <b>50 ft.</b> |
|  | 63            | 78.75         | 98.5          |

| <b>Available Lifts (feet):</b>       |           |                |                |                   |
|--------------------------------------|-----------|----------------|----------------|-------------------|
| <b>M, T, and Wt. vary with lift.</b> |           | <b>M (in.)</b> | <b>T (in.)</b> | <b>Wt. (lbs.)</b> |
|                                      | <b>20</b> | 4.125          | 33.5           | 2178              |
|                                      | <b>33</b> | 6.75           | 42.75          | 2200              |
|                                      | <b>50</b> | 10             | 54.25          | 2310              |

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

