

# EMH Wire Rope Hoists

## Dimensions and Specifications

Hoist Model: EH8250 HF  
Trolley Type: Top Running for Double Girder Cranes

Reeving: 8 to 2

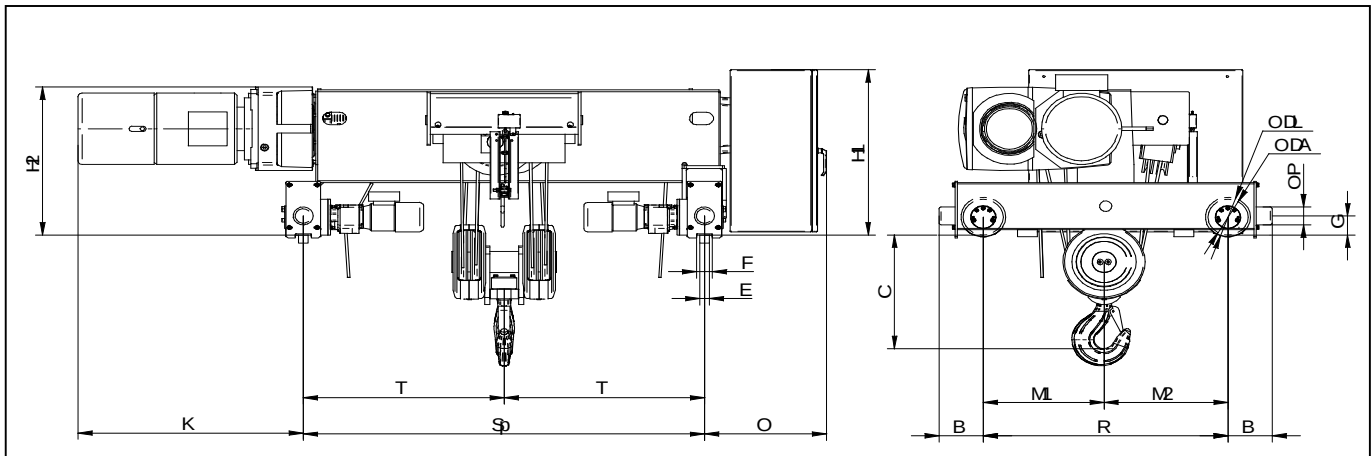
Capacity: 25 tons

|                   |            |        |
|-------------------|------------|--------|
| Rope Diameter:    | 0.51"      | 13 mm  |
| Drum Diameter:    | 11.61"     | 295 mm |
| Hoist Motor HP:   | 40 HP      |        |
| Trolley Motor HP: | 2x 1.5 HP  |        |
| Lifting Speed:    | 25 FPM VFD |        |
| Trolley Speed:    | 80 FPM VFD |        |

| Duty Service Classification |    |
|-----------------------------|----|
| HMI                         | H4 |
| FEM                         | 2m |
| CMAA                        | D  |
| ISO                         | M5 |

| Dimensions (inch)                                |         |         |    |        |
|--------------------------------------------------|---------|---------|----|--------|
| Refer to drawing below. Rail width E is for ref. | H1      | ---     | C  | 30.0   |
|                                                  | H2      | 34      | B  | 8.70   |
|                                                  | K       | 45      | M1 | 24.0   |
|                                                  | T       | =SP*0.5 | M2 | 24.0   |
|                                                  | O       | 24      | R  | 48.0   |
|                                                  | F       | 3       | DL | 224 mm |
|                                                  | E (max) | 2.3     | DA | 200 mm |
|                                                  |         |         | P  | 3.94   |
|                                                  |         |         | G  | 4.21   |

| Standard SP (trolley gauge): |       |       |       |
|------------------------------|-------|-------|-------|
|                              | 20 ft | 30 ft | 50 ft |
| (May vary with lift)         | 63"   | 78.75 | 98.5  |
| Weight lbs (est.)            | 4520  | 4960  | 5520  |



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