

# EMH Wire Rope Hoists

## Dimensions and Specifications

Hoist Model: EM 1000SU  
Trolley Type: Monorail for Single Girder Cranes

Reeving: 2 to 1

Capacities: 2 tons

|                         |                      |
|-------------------------|----------------------|
| Rope Diameter:          | 8 mm                 |
| Drum Diameter:          | 6.75"                |
| Sheave Diameter:        | 6.25"                |
| Hoist Motor HP:         | 5.7/1.0              |
| Trolley Motor HP:       | 2 x 0.33             |
| Trolley Wheel Diameter: | 4"                   |
| Speeds (fpm):           | 33/5, 41/6.2, 50/6.2 |
| Trolley Speed:          | 65 VFD               |

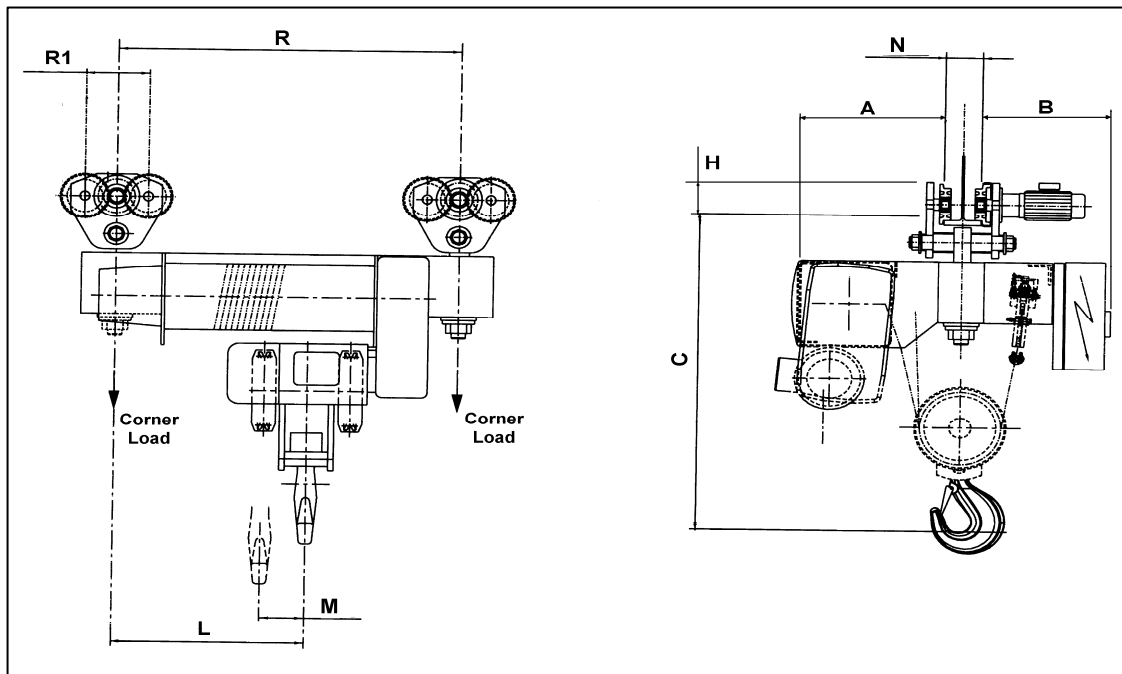
| Duty Service Classification |   | FEM | HMI |
|-----------------------------|---|-----|-----|
| Capacity in US Tons         | 2 | 2   | H4  |
|                             |   |     |     |

| vailable Lifts (feet): |         |         |         |            |
|------------------------|---------|---------|---------|------------|
|                        | L (in.) | M (in.) | R (in.) | Wt. (lbs.) |
| 40                     | 24      | 8.25    | 44      | 1520       |
| 65                     | 31      | 13.75   | 60      | 1600       |
| 100                    | 40      | 20.75   | 76      | 1820       |

| Dimensions (inches):                                                    |        |       |
|-------------------------------------------------------------------------|--------|-------|
| Refer to drawing below. L, M and R dimensions shown in adjacent tables. | A:     | 19    |
|                                                                         | B:     | 20.5  |
|                                                                         | C:     | 40    |
|                                                                         | H:     | 6.5   |
|                                                                         | N-Min: | 5     |
|                                                                         | N-Max: | 8     |
|                                                                         | R1:    | 7.375 |

### Minimum Radius Curve\*\*

| Hoist Lift | Radius |
|------------|--------|
| 40'-0"     | 56"    |
| 65'-0"     | 72"    |
| 100'-0"    | 88"    |



**\*\*For Smaller Radius or Patented track,  
Consult EMH**

**E·M·H**  
Engineered Material Handling