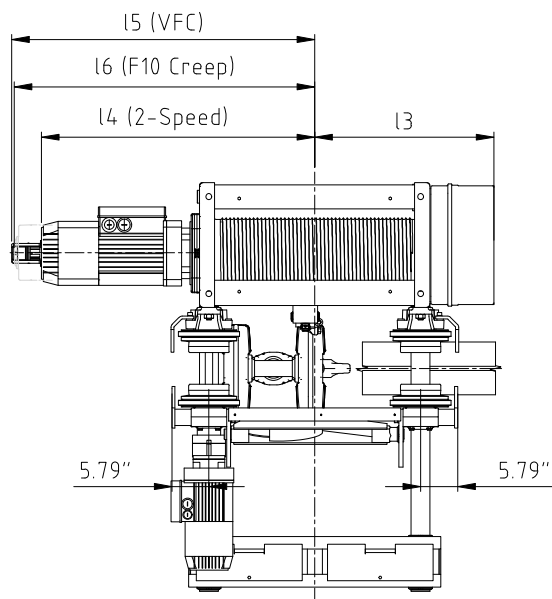
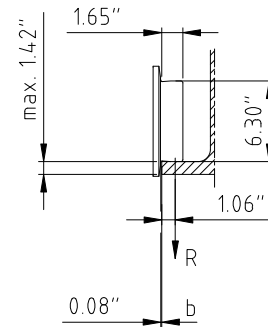
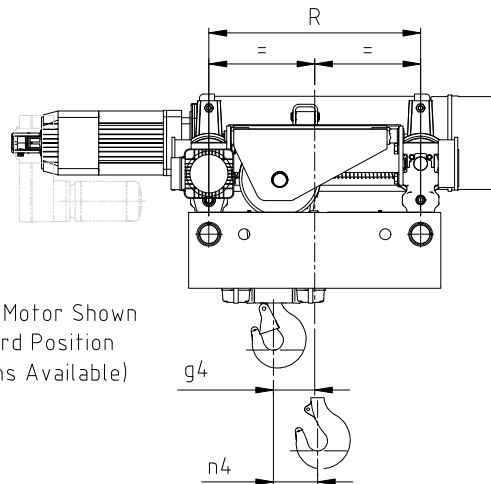




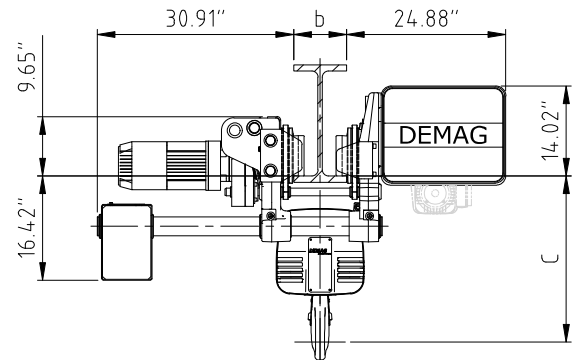
Cylindrical Wheel as Shown Below  
Optional Conical Wheel for Inclined Flange



Wheel Detail  
2x scale



Creep Gearbox/Motor Shown  
In the Standard Position  
(Other Positions Available)



|           | Dim "C" with Overload Cut-Off |             |             |             | Dim "C" without Overload Cut-Off |             |             |             |
|-----------|-------------------------------|-------------|-------------|-------------|----------------------------------|-------------|-------------|-------------|
| Dim. "b"  | 4.33-12.00                    | 12.01-14.17 | 14.18-16.55 | 16.56-19.69 | 4.33-12.00                       | 12.01-14.17 | 14.18-16.55 | 16.56-19.69 |
| Size      | (in)                          | (in)        | (in)        | (in)        | (in)                             | (in)        | (in)        | (in)        |
| DH640-620 | 25.98                         | 27.95       | 29.92       | 36.02       | 23.23                            | 25.20       | 27.17       | 33.27       |
| DH616     | 35.83                         | 37.40       | 37.40       | 41.34       | 33.07                            | 34.65       | 34.65       | 38.58       |

Note: Add +6.70 inches for Hook Operated Limit Switch (reduced with larger dimension "b")

| Load<br>(Ton) | FEM | Hoist |
|---------------|-----|-------|
| 6.94          | 4m  | DH616 |
| 8.82          | 3m  | DH620 |
| 11.02         | 2m  | DH625 |
| 13.78         | 1Am | DH632 |
| 17.64         | 1Bm | DH640 |

× Contact Demag For Longer Lift and Smaller/Wider Flange Widths.

| Hoist | Drum | HOL<br>(ft) | g4<br>(in) | n4<br>(in) | R<br>(in) | l3<br>(in) | l4*<br>(in) | l5*<br>(in) | l6*<br>(in) | Min Curve<br>Radius (ft) |
|-------|------|-------------|------------|------------|-----------|------------|-------------|-------------|-------------|--------------------------|
| DH600 | H12  | 19.69       | 0.94       | 4.13       | 22.05     | 22.48      | 36.38       | 41.73       | 41.42       | 19.69                    |
|       | H20  | 32.81       | 6.46       | 6.89       | 33.07     | 27.99      | 41.89       | 47.24       | 46.93       | 27.89                    |

\* Based Off V3 Max Speed - Smaller for V1 & V2 Speeds

| Approx Weight (Less CounterWeight) (lbs) |           |       |           |       |
|------------------------------------------|-----------|-------|-----------|-------|
|                                          | Drum H12  |       | Drum H20  |       |
|                                          | DH640-620 | DH616 | DH640-620 | DH616 |
| 2-Speed                                  | 1773      | 1927  | 1850      | 2059  |
| VFC                                      | 1576      | 1731  | 1653      | 1819  |
| F10 Creep                                | 1801      | 1956  | 1878      | 2088  |

\* Based Off V3 Max Speed - Less for V1 & V2 Speeds

|  |  |                                                                                                                                                                     |          |             |                                      |
|--|--|---------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|-------------|--------------------------------------|
|  |  | Date                                                                                                                                                                | Name     | Description |                                      |
|  |  | Drawn                                                                                                                                                               | 09.29.25 | C.BLACK     | LOW HEADROOM WIRE ROPE HOIST/TROLLEY |
|  |  | Scale:                                                                                                                                                              | 1: 30    |             | Type                                 |
|  |  | Dept.                                                                                                                                                               | 270      |             | EKDH600 - 4/1 (IMPERIAL UNITS)       |
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|    |      |      |                      |
|----|------|------|----------------------|
| 00 | Date | Name | Revision description |
|----|------|------|----------------------|

**DEMAG**

*Committed to Performance*

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