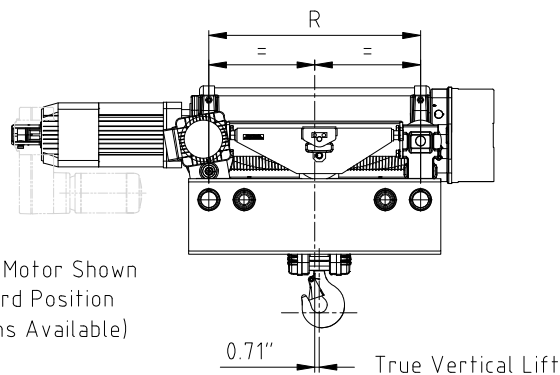
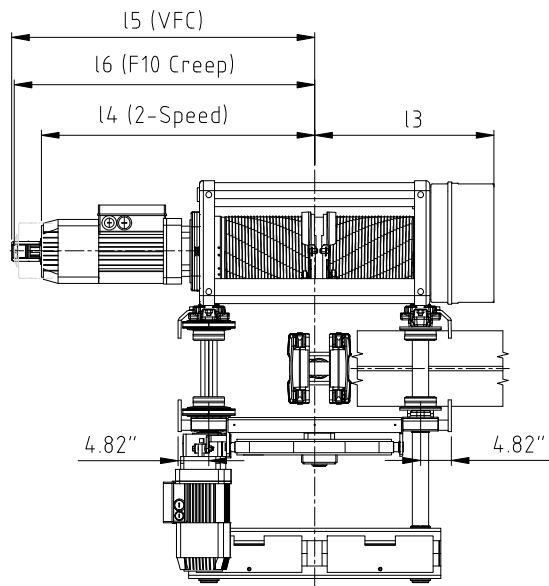
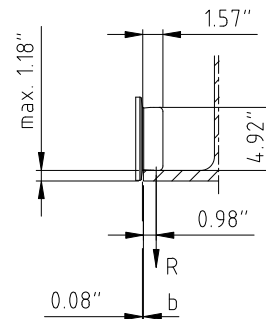
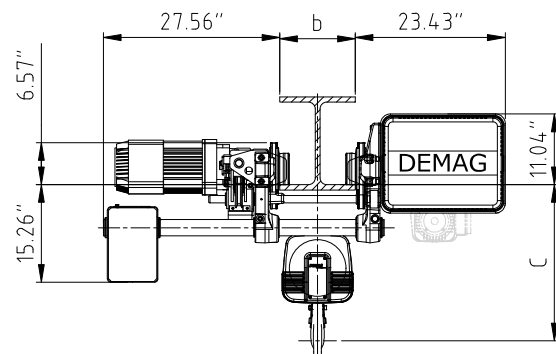




Cylindrical Wheel as Shown Below  
Optional Conical Wheel for Inclined Flange



Wheel Detail  
2x scale



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

| Hoist | Drum | HOL   | R     | I3    | I4*   | I5*   | I6*   | Min Curve   |
|-------|------|-------|-------|-------|-------|-------|-------|-------------|
|       |      | (ft)  | (in)  | (in)  | (in)  | (in)  | (in)  | Radius (ft) |
| DH600 | H12  | 17.06 | 22.05 | 22.48 | 36.38 | 41.73 | 41.42 | 19.69       |
|       | H20  | 33.46 | 33.07 | 27.99 | 41.89 | 47.24 | 46.93 | 27.89       |

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

| Load<br>(Ton) | FEM | Hoist |
|---------------|-----|-------|
| 3.53          | 4m  | DH616 |
| 4.41          | 3m  | DH620 |
| 5.51          | 2m  | DH625 |
| 6.94          | 1Am | DH632 |
| 8.82          | 1Bm | DH640 |

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

|           | Dim "C" with & without Overload Cut-Off |            |             |             |             |
|-----------|-----------------------------------------|------------|-------------|-------------|-------------|
| Dim. "b"  | 3.94-7.89                               | 7.90-12.00 | 12.01-14.17 | 14.18-16.55 | 16.56-19.69 |
| Size      | (in)                                    | (in)       | (in)        | (in)        | (in)        |
| DH640 620 | 21.65                                   | 24.41      | 27.95       | 29.53       | 33.07       |
| DH616     | 24.80                                   | 24.80      | 26.38       | 27.56       | 31.50       |

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

| Approx Weight (Less CounterWeight) (lbs) |           |       |           |       |
|------------------------------------------|-----------|-------|-----------|-------|
|                                          | Drum H12  |       | Drum H20  |       |
|                                          | DH640-620 | DH616 | DH640-620 | DH616 |
| 2-Speed                                  | 1486      | 1420  | 1552      | 1486  |
| VFC                                      | 1303      | 1237  | 1369      | 1303  |
| F10 Creep                                | 1515      | 1448  | 1581      | 1515  |

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

|        |  |          |  |                                                                                                                                                                                                                                                                                                             |  |
|--------|--|----------|--|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| Date   |  | Name     |  | Description                                                                                                                                                                                                                                                                                                 |  |
| Drawn  |  | 01.09.26 |  | C.BLACK                                                                                                                                                                                                                                                                                                     |  |
| Scale: |  | 1: 30    |  | Type                                                                                                                                                                                                                                                                                                        |  |
| Dept.  |  | 270      |  | EKDH600 -4/2 (IMPERIAL UNITS)                                                                                                                                                                                                                                                                               |  |
| REV    |  | 00       |  | Property of Demag Cranes & Components Corporation This print or drawing must not be copied without the written permission of Demag Cranes & Components Corporation. The Contents thereof must not be disclosed to a third party nor be used for any unauthorized purpose. Contravention will be prosecuted. |  |

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Committed to Performance

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http://www.demagcranes.us.com

|      |      |                      |
|------|------|----------------------|
| Date | Name | Revision description |
|------|------|----------------------|