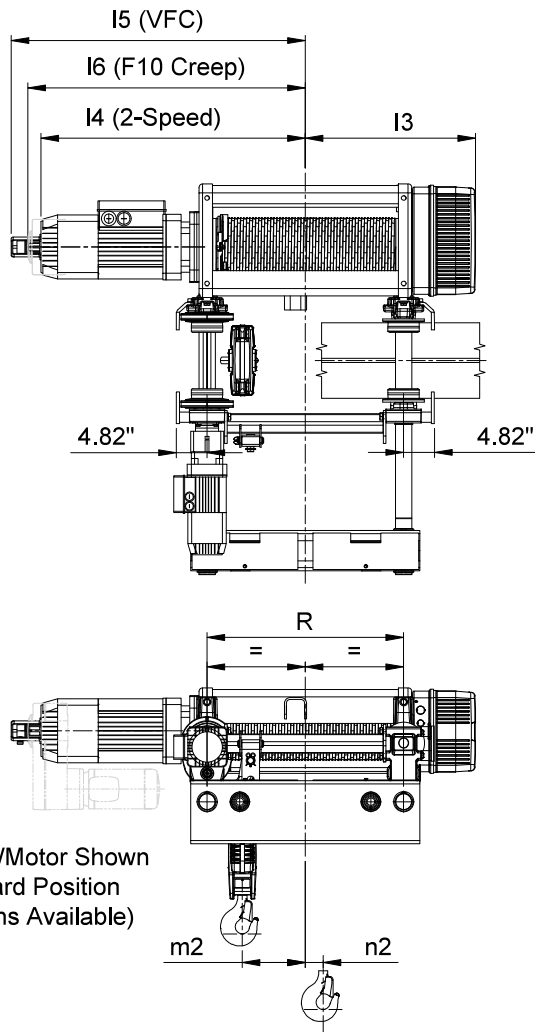
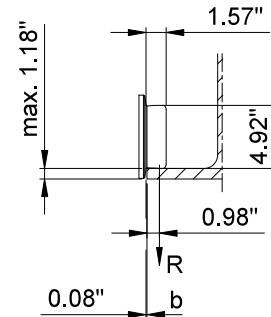


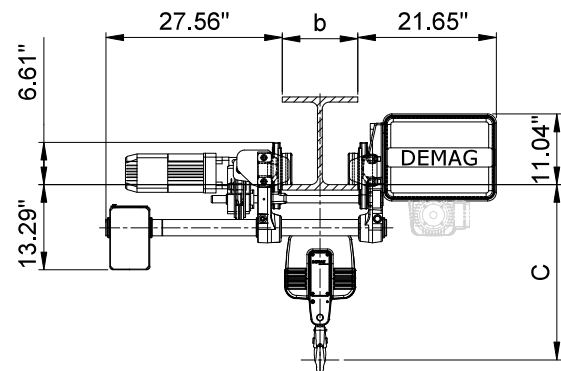


Creep Gearbox/Motor Shown  
In the Standard Position  
(Other Positions Available)

Cylindrical Wheel as Shown Below  
Optional Conical Wheel for Inclined Flange



Wheel Detail  
2x scale



| Dim. "b"  | Dim "C" with Overload Cut-Off |            |             |             |             | Dim "C" without Overload Cut-Off |            |             |             |             |
|-----------|-------------------------------|------------|-------------|-------------|-------------|----------------------------------|------------|-------------|-------------|-------------|
|           | 3.94-7.89                     | 7.90-11.04 | 11.05-11.83 | 11.84-15.76 | 15.77-16.55 | 3.94-7.89                        | 7.90-11.04 | 11.05-11.83 | 11.84-15.76 | 15.77-16.55 |
| Size      | (in)                          | (in)       | (in)        | (in)        | (in)        | (in)                             | (in)       | (in)        | (in)        | (in)        |
| DH425     | 26.97                         | 26.97      | 27.36       | 32.09       | 32.87       | 24.61                            | 24.61      | 25.00       | 29.72       | 30.51       |
| DH420-412 | 25.39                         | 26.18      | 27.36       | 32.09       | 32.87       | 23.03                            | 23.82      | 25.00       | 29.72       | 30.51       |
| DH410     | 28.94                         | 28.54      | 27.36       | 32.09       | 32.87       | 26.57                            | 26.18      | 25.00       | 29.72       | 30.51       |

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

| Load<br>(Ton) | FEM | Hoist |
|---------------|-----|-------|
| 2.20          | 4m  | DH410 |
| 2.76          | 3m  | DH412 |
| 3.53          | 2m  | DH416 |
| 4.41          | 1Am | DH420 |
| 5.51          | 1Bm | DH425 |

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

| Hoist | Drum | HOL   | m2   | n2   | R     | I3    | I4*   | I5*   | I6*   | Min Curve   |
|-------|------|-------|------|------|-------|-------|-------|-------|-------|-------------|
|       |      | (ft)  | (in) | (in) | (in)  | (in)  | (in)  | (in)  | (in)  | Radius (ft) |
| DH400 | H12  | 39.37 | 4.72 | 2.87 | 20.47 | 21.50 | 32.44 | 40.83 | 38.23 | 18.04       |
|       | H20  | 65.62 | 9.84 | 2.80 | 30.71 | 26.61 | 37.56 | 45.94 | 43.35 | 26.25       |

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

|           | Approx Weight (Less CounterWeight) (lbs) |       |           |       |
|-----------|------------------------------------------|-------|-----------|-------|
|           | Drum H12                                 |       | Drum H20  |       |
|           | DH425-412                                | DH410 | DH425-412 | DH410 |
| 2-Speed   | 1034                                     | 1056  | 1100      | 1133  |
| VFC       | 990                                      | 1012  | 1056      | 1089  |
| F10 Creep | 1127                                     | 1149  | 1193      | 1226  |

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

|        |  |          |  |                                                                                                                                                                                                                                                                                                             |  |
|--------|--|----------|--|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| Date   |  | Name     |  | Description                                                                                                                                                                                                                                                                                                 |  |
| Drawn  |  | 01.02.26 |  | C.BLACK                                                                                                                                                                                                                                                                                                     |  |
| Scale: |  | 1: 30    |  | Type                                                                                                                                                                                                                                                                                                        |  |
| Dept.  |  | 270      |  | EKD400 - 2/1 (IMPERIAL UNITS)                                                                                                                                                                                                                                                                               |  |
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