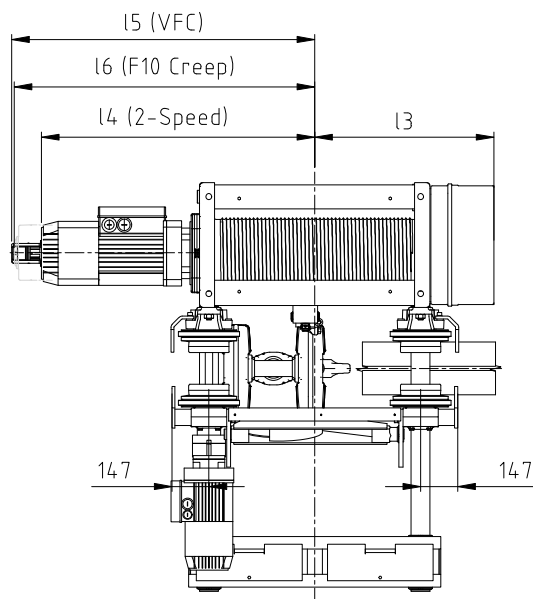
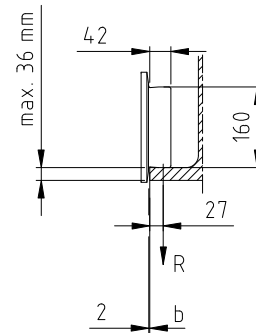
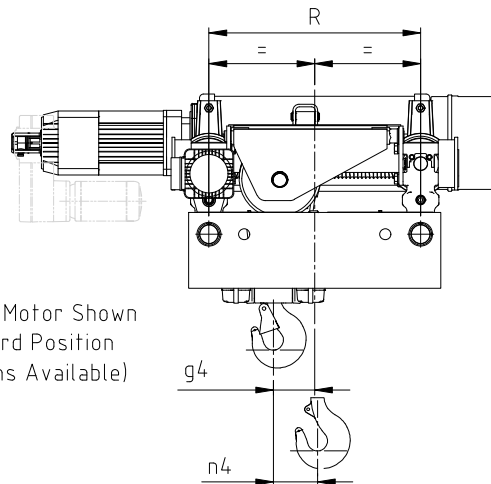




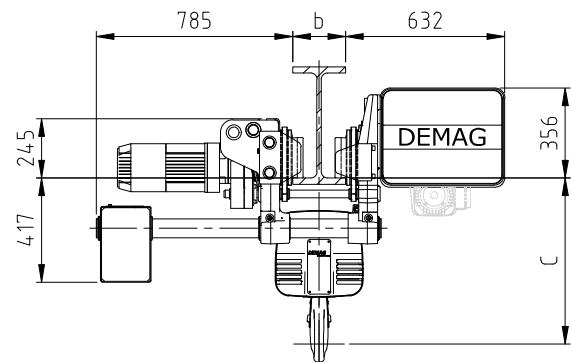
Cylindrical Wheel as Shown Below  
Optional Conical Wheel for Inclined Flange



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"  | 110-305                       | 306-360 | 361-420 | 421-500 | 110-305                          | 306-360 | 361-420 | 421-500 |
| Size      | (mm)                          | (mm)    | (mm)    | (mm)    | (mm)                             | (mm)    | (mm)    | (mm)    |
| DH640-620 | 660                           | 710     | 760     | 915     | 590                              | 640     | 690     | 845     |
| DH616     | 910                           | 950     | 950     | 1050    | 840                              | 880     | 880     | 980     |

Note: Add +170mm for Hook Operated Limit Switch (reduced with larger dimension "b")

| Load<br>(kg) | FEM | Hoist |
|--------------|-----|-------|
| 6300         | 4m  | DH616 |
| 8000         | 3m  | DH620 |
| 10000        | 2m  | DH625 |
| 12500        | 1Am | DH632 |
| 16000        | 1Bm | DH640 |

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

| Hoist | Drum | HOL | g4   | n4   | R    | I3   | I4*  | I5*  | I6*  | Min Curve  |
|-------|------|-----|------|------|------|------|------|------|------|------------|
|       |      | (m) | (mm) | (mm) | (mm) | (mm) | (mm) | (mm) | (mm) | Radius (m) |
| DH600 | H12  | 6   | 24   | 105  | 560  | 571  | 924  | 1060 | 1052 | 6          |
|       | H20  | 10  | 164  | 175  | 840  | 711  | 1064 | 1200 | 1192 | 8.5        |

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

| Approx Weight (Less CounterWeight) (kg) |           |       |           |       |
|-----------------------------------------|-----------|-------|-----------|-------|
|                                         | Drum H12  |       | Drum H20  |       |
|                                         | DH640-620 | DH616 | DH640-620 | DH616 |
| 2-Speed                                 | 804       | 874   | 839       | 934   |
| VFC                                     | 715       | 785   | 750       | 825   |
| F10 Creep                               | 817       | 887   | 852       | 947   |

\* 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 |
| 00                                                                                                                                                                  |  | Date        | Name     | Revision description         |                                      |
|                                                                                                                                                                     |  | Scale: 1:30 |          | Type                         | REV                                  |
|                                                                                                                                                                     |  | Dept. 270   |          | EKDH600 - 4/1 (METRIC UNITS) | 00                                   |
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