**EQ/SEQ Electric Chain Hoists**

**Simple Construction**
Low maintenance due to no transformer, no magnetic contactor, no brake contactor and no brake coil.

**Unique Load Sheave**
Increased number of pockets reduces chain vibration and increases chain life. Five pockets standard.

**Limit Switches**
Low-profile upper and lower limit switches are standard.

**Dual Speed VFD**
“Under-the-cover” VFD standard. Speed ratio is 6:1.

**Optional Suspension Bar**
External connecting shaft allows for quick change from hook mount to suspension bar mount.

**No-Load High-Speed**
Hoist speeds 1.3 times faster when working with less than 30% of full load.

**Unique Chain Guide**
Provides quiet and smooth guiding of chain. Heavy cast iron construction.

**Standard Count Hour Meter**
Records and displays the number of lifting/lowering starts and hoist on time which is valuable for preventive maintenance. Integral to VFD.
Green Initiative
Built smarter without the use of harmful materials. Environmentally friendly. RoHS compliant.

Perpendicular Orientation
PT push, GT geared and MRQ motorized trolley mount hoists are configured as perpendicular to the beam.

Friction Clutch
Friction clutch is standard on EO/SEQ models. Provides consistent performance over a wide temperature range.

Pull-Rotor Motor Brake
Extremely durable and reliable, this advanced design contains no brake coil to fail like conventional disc brakes. 5-year hoist brake warranty.

Certified
CSA listed to:
UL 508, UL 508A, UL 1004
CSA Std. C22.2 No 33-M1984 (R2004)
CSA Std. C22.2 No 14-13
CSA Std. C22.2 No. 66.1-06 (R2011)

High Strength, Corrosion and Wear Resistant Load Chain
Grade 80, super strength, nickel-plated load chain, certified to DIN standards, uses unique technology to greatly increase resistance to fatigue and wear.

High Air Flow
Cooler motor and brake attributed to an engineered motor fin, fan blade and fan cover design.

Pendant Controls
Ergonomic design for operator comfort. Red button emergency stop is standard on all pendants.
EQ/SEQ Electric Chain Hoists

**Compact Aluminum Body**
Die-cast body is lightweight and offers low headroom – one of the best in the industry. Paint is electrostatically applied.

**Completely Sealed Body**
Suitable for both indoor and outdoor applications, including harsh environments. (Consult Owner’s Manual for details.) Gaskets throughout the hoist provide for an IP55 rating.

**Pull-Rotor Motor Brake**
Extremely durable and reliable, this advanced design contains no brake coil to fail like conventional disc brakes.

**External Motor Fan**
Functions to quickly eliminate resistor, motor and brake heat. This results in improved hoist duty rating and greatly lengthens brake life. Motor is totally enclosed, fan cooled (TEFC).

**Extreme Duty Motor**
Increased performance through 30/10-minute duty rating, H4 classification, Class B insulation, cooling fins and external thermal motor protection.

**Chain Container**
Durable plastic containers are standard.

**Corrosion Resistant Load Chain**
Nickel-plated, Grade 80, DIN chain for superb durability and strength.

**Forged Carbon Steel Hooks**
Under excessive loads will open gradually and not fracture. Ball bearings produce smooth rotation. Bottom hook will swivel 360 degrees. Heavy-duty hook latches are standard.

**Optional Suspension Bar**
For low headroom or enclosed track trolley applications. Easily changed from top hook to suspension bar.
**Long Life Friction Clutch**
Protects hoist from damage and prevents overwinding.

**Variable Frequency Drive (VFD)**
Dual speed controls via "under-the-cover" variable frequency drive for both single-phase and three-phase hoists. VFD includes count hour meter, load limiter and no-load high-speed function.

**Precision Machined Helical Gears**
Immersed in oil bath lubrication results in quiet, smooth and cool operation.

**Load Sheave**
Five deep-groove pockets fully support the load chain during operation. Reduces vibration and chain wear. Provides true vertical lift.

**Operating Conditions**
Recommended for -4° to +104°F and humidity of 85% or less.

**Unique Chain Guide**
Provides quiet and smooth guiding of chain. Heavy cast iron construction for improved wear versus stamped steel design offered by many manufacturers.

**Durable Push Button Pendant**
Easy-to-use, one-handed operation. Rated IP65. Standard control voltage is 24VDC. Strain relief wire is molded to pendant cord for added support and dependability. E-Stop is standard on all pendants.

**Upper/Lower Limit Switch**
Low-profile upper and lower limit switches provide excellent headroom.
EQ Electric Chain Hoists
Hook or Suspension Bar Mount

Harrington’s EQ Series three-phase dual speed (VFD Control) electric chain hoists are ergonomically designed for easy installation and operation in medium- and heavy-duty industrial applications. These hoists have an extremely compact and lightweight body, and are perfect for any work station application. The EQ hoists include a no-load high-speed function that automatically increases hoist speed up to 130 percent when the load is less than 30 percent of working load limit.

Features and Benefits

**Pull-Rotor Motor Brake**
Extremely durable and reliable, this advanced design contains no brake coil to fail like conventional disc brakes.

**External Motor Fan**
Functions to quickly eliminate resistor, motor and brake heat. This results in improved hoist duty rating and greatly lengthens brake life. Motor is totally enclosed, fan cooled (TEFC).

**Precision Machined Helical Gears**
Immersed in oil bath lubrication results in quiet, smooth and cool operation.

**Chain Container**
Durable plastic containers are standard.

**Corrosion Resistant Load Chain**
Nickel-plated, Grade 80, DIN chain for superb durability and strength.

**Forged Carbon Steel Hooks**
Under excessive loads will open gradually and not fracture. Ball bearings produce smooth rotation. Bottom hook will swivel 360°. Heavy-duty hook latches are standard.

**Optional Suspension Bar**
For low headroom or enclosed track trolley applications. Easily changed from top hook to suspension bar.

**Compact Aluminum Body**
Die-cast body is lightweight and offers low headroom – one of the best in the industry. Paint is electrostatically applied.

**Completely Sealed Body**
Suitable for both indoor and outdoor applications, including harsh environments. (Consult Owner’s Manual for details.)

**Variable Frequency Drive (VFD)**
Dual speed controls via “under-the-cover” variable frequency drive for both single-phase and three-phase hoists. VFD includes count hour meter, load limiter and no-load high-speed function.

**Long Life Friction Clutch**
Protects hoist from damage and prevents overwinding.

**Upper/Lower Limit Switch**
Low profile upper and lower limit switches provide excellent headroom.

**Unique Chain Guide**
Provides quiet and smooth guiding of chain. Heavy cast iron construction for improved wear versus stamped steel design offered by many manufacturers.

**Durable Push Button Pendant**
Easy-to-use, one-handed operation. Rated IP65. Standard control voltage is 24V. Strain relief wire is molded to pendant cord for added support and dependability. E-Stop is standard on all pendants.

**Extreme Duty Motor**
Increased performance through 30/10-minute duty rating, H4 classification, Class B insulation, cooling fins and external thermal motor protection.

**Load Sheave**
Five deep-groove pockets fully support the load chain during operation. Reduces vibration and chain wear. Provides true vertical lift.

**Operating Conditions**
Recommended for -4° to +104°F and humidity of 85% or less.

---

Standard Hoist Specifications

<table>
<thead>
<tr>
<th>Capacity Range</th>
<th>1/8 Ton – 1 Ton</th>
</tr>
</thead>
<tbody>
<tr>
<td>Standard Voltage</td>
<td>(208-230)-3-50/60</td>
</tr>
<tr>
<td></td>
<td>(380-460)-3-50/60</td>
</tr>
<tr>
<td>Control Voltage</td>
<td>24VDC</td>
</tr>
<tr>
<td>Duty Cycle*</td>
<td>30/10 Min.</td>
</tr>
<tr>
<td>Classification*</td>
<td>ASME H4</td>
</tr>
<tr>
<td>ISO</td>
<td>1/8-1/2T M6; 1T M5</td>
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<tr>
<td>FEM</td>
<td>1/8-1/2T 3m; 1T 2m</td>
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</table>

<table>
<thead>
<tr>
<th>Conformance</th>
<th>UL 508, 508A, 1004</th>
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<tr>
<td>CSA C22.2 NO.</td>
<td>33, 14-13, 66</td>
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<table>
<thead>
<tr>
<th>Ratings</th>
<th>Hoist – IP55</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pendant –</td>
<td>IP65</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Chain Falls</th>
<th>Single chain fall all capacities</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Standard Drop</th>
<th>4’ less than lift</th>
</tr>
</thead>
<tbody>
<tr>
<td>(longer drops available)</td>
<td></td>
</tr>
</tbody>
</table>

**Standard Power Supply Length**
15’ (longer lengths available)

**Mounting**
Hook, suspension bar or trolley

**Standard Pendants**
2-button (momentary contacts) with emergency On/Off (maintained contacts)

**Chain Containers**
Standard plastic

---

*See page 27 for additional information.*
**EQ 3-PHASE DUAL SPEED VFD HOIST — SPECIFICATIONS**

<table>
<thead>
<tr>
<th>Capacity (Tons)</th>
<th>Product Code</th>
<th>Standard Lift (ft)</th>
<th>Push Button Cord L (ft)</th>
<th>Lifting Motor(^1) 3-Phase 50/60 Hz</th>
<th>Load Chain Diameter (mm) x Chain Fall Lines</th>
<th>Rated Current (amps)</th>
<th>Net Weight (lbs)</th>
<th>Weight for Additional One Foot of Lift (lbs)</th>
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</thead>
<tbody>
<tr>
<td>1/8 EQ001SD</td>
<td>10</td>
<td>8.2</td>
<td></td>
<td>Lifting Speed(^2) (ft/min)</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>High</td>
<td>56</td>
<td>Low</td>
<td>9.3</td>
<td>72</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
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<td>No Load</td>
<td>33</td>
<td>High Speed</td>
<td>10.0</td>
<td>6.3</td>
</tr>
<tr>
<td>8.2</td>
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<td></td>
<td>Output (Hp)</td>
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<td>32</td>
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<td></td>
<td></td>
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<td>30</td>
<td>2.0</td>
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<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>1 EQ010SD</td>
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<td>18.3</td>
<td>21.1</td>
<td>15.9</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Lifting Speed(^2) (ft/min)</td>
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<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>High</td>
<td>18.0</td>
<td>Low</td>
<td>16.1</td>
<td>9.6</td>
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<td></td>
<td></td>
<td>No Load</td>
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<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Output (Hp)</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>High Speed</td>
<td>18.0</td>
<td>16.1</td>
<td>9.6</td>
<td>7.4</td>
</tr>
</tbody>
</table>

1) Although different voltages are shown, motors are NOT re-connectable and voltage can NOT be changed due to electrical components being voltage specific.
2) Speeds are adjustable between low and high speed.

**EQ 3-PHASE DUAL SPEED VFD HOIST — DIMENSIONS**

<table>
<thead>
<tr>
<th>Capacity (Tons)</th>
<th>Product Code</th>
<th>Headroom C (in)</th>
<th>D (in)</th>
<th>a (in)</th>
<th>b (in)</th>
<th>d (in)</th>
<th>e (in)</th>
<th>f (in)</th>
<th>g (in)</th>
<th>h (in)</th>
<th>i (in)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1/8 EQ001SD</td>
<td></td>
<td>17.3</td>
<td>15.6</td>
<td></td>
<td></td>
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<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>1/4 EQ003SD</td>
<td></td>
<td>21.0</td>
<td>19.1</td>
<td>16.4</td>
<td>14.4</td>
<td>9.1</td>
<td>7.4</td>
<td>11.7</td>
<td>1.1</td>
<td>5.4</td>
<td>5.0</td>
</tr>
<tr>
<td>1/2 EQ005SD</td>
<td></td>
<td>18.0</td>
<td>16.1</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>1 EQ010SD</td>
<td></td>
<td>20.7</td>
<td>18.3</td>
<td>23.5</td>
<td>21.1</td>
<td>17.0</td>
<td>15.9</td>
<td>9.6</td>
<td>7.4</td>
<td>13.1</td>
<td>1.2</td>
</tr>
</tbody>
</table>
**EQM Electric Chain Hoists with Motorized Trolleys**

Harrington's MRQ Series dual speed (VFD Control) motorized trolley adds powered mobility to our EQ Series three-phase dual speed (VFD Control) electric chain hoists for applications where long travel distance is needed.

**Features and Benefits**

- **Pull-Rotor Motor Brake**
  Extremely durable and reliable, this advanced design contains no brake coil to fail like conventional disc brakes.

- **External Motor Fan**
  Functions to quickly eliminate resistor, motor and brake heat. This results in improved hoist duty rating and greatly lengthens brake life. Motor is totally enclosed, fan cooled (TEFC).

- **Precision Machined Helical Gears**
  Immersed in oil bath lubrication results in quiet, smooth and cool operation.

- **Chain Container**
  Durable plastic containers are standard.

- **Corrosion Resistant Load Chain**
  Nickel-plated, Grade 80, DIN chain for superb durability and strength.

- **Forged Carbon Steel Hooks**
  Under excessive loads will open gradually and not fracture. Ball bearings produce smooth rotation. Bottom hook will swivel 360°. Heavy-duty hook latches are standard.

- **Compact Aluminum Body**
  Die-cast body is lightweight and offers low headroom – one of the best in the industry. Paint is electrostatically applied.

- **Completely Sealed Body**
  Suitable for both indoor and outdoor applications, including harsh environments. (Consult Owner’s Manual for details.)

- **Variable Frequency Drive (VFD)**
  Dual speed controls via “under-the-cover” variable frequency drive for both single-phase and three-phase hoists. VFD includes count hour meter, load limiter and no-load high-speed function.

- **Long Life Friction Clutch**
  Protects hoist from damage and prevents overwinding.

- **Upper/Lower Limit Switch**
  Low profile upper and lower limit switches provide excellent headroom.

- **Unique Chain Guide**
  Provides quiet and smooth guiding of chain. Heavy cast iron construction for improved wear versus stamped steel design offered by many manufacturers.

- **Compact Aluminum Body**
  Die-cast body is lightweight and offers low headroom – one of the best in the industry. Paint is electrostatically applied.

- **Durable Push Button Pendant**
  Easy to use, one-handed operation. Rated IP65. Standard control voltage is 24V. Strain relief wire is molded to pendant cord for added support and dependability. E-Stop is standard on all pendants.

- **Extreme Duty Motor**
  Increased performance through 30/10-minute duty rating, H4 classification, Class B insulation, cooling fins and external thermal motor protection.

- **Load Sheave**
  Five deep-groove pockets fully support the load chain during operation. Reduces vibration and chain wear. Provides true vertical lift.

- **Operating Conditions**
  Recommended for -4° to +104°F and humidity of 85% or less.

**Standard Motorized Trolley Specifications**

<table>
<thead>
<tr>
<th>Capacity Range</th>
<th>1/8 Ton – 1 Ton</th>
</tr>
</thead>
<tbody>
<tr>
<td>Standard Voltage</td>
<td>(208-230)-3-50/60</td>
</tr>
<tr>
<td>(380-460)-3-50/60</td>
<td></td>
</tr>
<tr>
<td>Control Voltage</td>
<td>24VDC</td>
</tr>
<tr>
<td>Duty Cycle*</td>
<td>30/10 Min.</td>
</tr>
<tr>
<td>Classification*</td>
<td>ASME H4</td>
</tr>
<tr>
<td>ISO 1/8-1/2T M6; 1T M5</td>
<td></td>
</tr>
<tr>
<td>FEM 1/8-1/2T 3m; 1T 2m</td>
<td></td>
</tr>
<tr>
<td>Ratings</td>
<td>Trolley – IP55</td>
</tr>
<tr>
<td>Pendant – IP65</td>
<td></td>
</tr>
<tr>
<td>Standard Pendants</td>
<td>4-button (momentary contacts) with emergency On/Off (maintained contacts)</td>
</tr>
<tr>
<td>Shafts</td>
<td>Standard shafts fit wide flange range</td>
</tr>
<tr>
<td>Longer shafts for wider beams</td>
<td></td>
</tr>
<tr>
<td>Spacers for easy adjustments</td>
<td></td>
</tr>
<tr>
<td>Drop Stops</td>
<td>Standard</td>
</tr>
<tr>
<td>Bumpers</td>
<td>Standard</td>
</tr>
<tr>
<td>Wheels</td>
<td>All steel</td>
</tr>
<tr>
<td>Shielded ball bearings</td>
<td></td>
</tr>
<tr>
<td>Fit flat or tapered beam flange</td>
<td></td>
</tr>
<tr>
<td>Standard Power Supply Length</td>
<td>30’ (longer lengths available)</td>
</tr>
<tr>
<td>Standard Pendant Drop</td>
<td>4’ less than lift (longer drops available)</td>
</tr>
</tbody>
</table>

*See page 27 for additional information.*
### EQ 3-PHASE DUAL SPEED VFD HOIST WITH DUAL SPEED VFD TROLLEY — SPECIFICATIONS

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>1/8</td>
<td>EQM001SD-SD</td>
<td>10</td>
<td>8.2</td>
<td>1/4</td>
<td>EQM003SD-SD</td>
<td>10.5</td>
<td>5.5</td>
</tr>
<tr>
<td>1/4</td>
<td>EQM005SD-SD</td>
<td>17.3</td>
<td>3.6</td>
<td>1/2</td>
<td>EQM007SD-SD</td>
<td>23</td>
<td>2.8</td>
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<td>EQM010SD-SD</td>
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<td>3.0</td>
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</table>

<table>
<thead>
<tr>
<th>Lifting Motor 3-Phase 50/60 Hz</th>
<th>Traversing Motor 3-Phase 50/60 Hz</th>
<th>Flange Width Adjustability B (in)</th>
<th>Load Chain Diameter (mm) x Chain Fall Lines</th>
<th>Weight for Additional One Foot of Lift (lbs)</th>
</tr>
</thead>
<tbody>
<tr>
<td>High Speed</td>
<td>Low Speed</td>
<td>High to Low Speed</td>
<td>Standard to Optional</td>
<td>5.6 x 1</td>
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<tr>
<td>@208–230V</td>
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<td>13</td>
<td>6.03 to 12.00</td>
<td>139</td>
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<tr>
<td>@380–460V</td>
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<td>Optional</td>
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<tr>
<td></td>
<td>2.8</td>
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<td></td>
<td>146</td>
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<td></td>
<td>1.7</td>
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<td>2.28 to 6.02</td>
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<tr>
<td></td>
<td>6.03 to 12.00</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

1) Although different voltages are shown, motors are NOT re-connectable and voltage can NOT be changed due to electrical components being voltage specific.
2) Speeds are adjustable between low and high speed.
3) Flange widths smaller than 4 inches will have a minimum radius of 137.8 inches.

### EQ 3-PHASE DUAL SPEED VFD HOIST WITH DUAL SPEED VFD TROLLEY — DIMENSIONS

<table>
<thead>
<tr>
<th>Cap. (Tons)</th>
<th>Product Code</th>
<th>Headroom C (in)</th>
<th>D (in)</th>
<th>b’ (in)</th>
<th>b (in)</th>
<th>d (in)</th>
<th>e (in)</th>
<th>e’ (in)</th>
<th>g (in)</th>
<th>i (in)</th>
<th>j (in)</th>
<th>k (in)</th>
<th>m (in)</th>
<th>n (in)</th>
<th>r (in)</th>
<th>t (in)</th>
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<td>7.1</td>
<td>3.7</td>
<td>1.1</td>
<td>1.1</td>
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<td>4.3</td>
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<td>EQM003SD-SD</td>
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</tr>
</tbody>
</table>
Mounting Harrington’s EQ Series three-phase dual speed (VFD Control) electric chain hoist to our PT push or GT geared trolley will create an easy and economical method of transporting the load. This combination is ideal for workstations and infrequent moves.

Features and Benefits

**Pull-Rotor Motor Brake**
Extremely durable and reliable, this advanced design contains no brake coil to fail like conventional disc brakes.

**External Motor Fan**
Functions to quickly eliminate resistor, motor and brake heat. This results in improved hoist duty rating and greatly lengthens brake life. Motor is totally enclosed, fan cooled (TEFC).

**Precision Machined Helical Gears**
Immersed in oil bath lubrication results in quiet, smooth and cool operation.

**Chain Container**
Durable plastic containers are standard.

**Corrosion Resistant Load Chain**
Nickel-plated, Grade 80, DIN chain for superb durability and strength.

**Forged Carbon Steel Hooks**
Under excessive loads will open gradually and not fracture. Ball bearings produce smooth rotation. Bottom hook will swivel 360°. Heavy-duty hook latches are standard.

**Compact Aluminum Body**
Die-cast body is lightweight and offers low headroom – one of the best in the industry. Paint is electrostatically applied.

**Completely Sealed Body**
Suitable for both indoor and outdoor applications, including harsh environments. (Consult Owner’s Manual for details.) Gaskets throughout the hoist provide for an IP55 rating.

**Variable Frequency Drive (VFD)**
Dual speed controls via “under-the-cover” variable frequency drive for both single-phase and three-phase hoists. VFD includes count hour meter, load limiter and no-load high-speed function.

**Long Life Friction Clutch**
Protects hoist from damage and prevents overwinding.

**Upper/Lower Limit Switch**
Low profile upper and lower limit switches provide excellent headroom.

**Unique Chain Guide**
Provides quiet and smooth guiding of chain. Heavy cast iron construction for improved wear versus stamped steel design offered by many manufacturers.

**Durable Push Button Pendant**
Easy to use, one-handed operation. Rated IP65. Standard control voltage is 24V. Strain relief wire is molded to pendant cord for added support and dependability. E-Stop is standard on all pendants.

**Extreme Duty Motor**
Increased performance through 30/10-minute duty rating, H4 classification, Class B insulation, cooling fins and external thermal motor protection.

**Load Sheave**
Five deep-groove pockets fully support the load chain during operation. Reduces vibration and chain wear. Provides true vertical lift.

**Operating Conditions**
Recommended for -4°F to +104°F and humidity of 85% or less.

Standard Trolley Specifications

**Capacity Range**
1/8 Ton – 1 Ton

**Shafts**
Standard shafts fit wide range
Longer shafts for wider beams
Spacers for easy adjustments

**Drop Stops**
Standard

**Bumpers**
Optional

**Standard Hand Chain Drop**
On geared trolleys
2’ less than lift (longer drops available)

**Wheels**
All steel
Sealed ball bearings
Fit flat or tapered beam flange

**Standard Hoist Pendant Drop**
4’ less than lift (longer drops available)

**Standard Hoist Power Supply Length**
15’ (longer lengths available)

**Standard Pendants**
2-button (momentary contacts) with emergency On/Off (maintained contacts)
### EQ 3-PHASE DUAL SPEED VFD HOIST WITH PUSH OR GEARED TROLLEY — SPECIFICATIONS

<table>
<thead>
<tr>
<th>Cap. (Tons)</th>
<th>Product Code</th>
<th>Standard Lift (ft)</th>
<th>Push Button Cord L (ft)</th>
<th>Lifting Motor 1 3-Phase 50/60 Hz</th>
<th>Flange Width Adjustability</th>
<th>B (in)</th>
<th>Minimum Allow. Radius for Curve (in)</th>
<th>Load Chain Diameter (mm) x Chain Fall Lines</th>
<th>Weight for Additional One Foot of Lift (lbs)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1/8</td>
<td>EQP001SD</td>
<td>10</td>
<td>8.2</td>
<td>High 56 Low 9.3 No Load High Speed 72 0.67 Output (Hp) 5.1 2.8</td>
<td>2.28 to 4.00 4.01 to 8.00 (2.28 to 4.00 OR 8.01 to 12.00)</td>
<td>(51.2)</td>
<td>5.6 x 1</td>
<td>75 (97)</td>
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</table>

1) Although different voltages are shown, motors are NOT re-connectable and voltage can NOT be changed due to electrical components being voltage specific.
2) Speeds are adjustable between low and high speed.
3) Figures in parentheses are data for geared trolley if different than push trolley.
4) Minimum Flange Width for curved beam: 1 Ton Push and 1/8 to 1 Ton Geared = 2.87 in.

### EQ 3-PHASE DUAL SPEED VFD HOIST WITH PUSH TROLLEY — DIMENSIONS

<table>
<thead>
<tr>
<th>Cap. (Tons)</th>
<th>Product Code</th>
<th>Headroom</th>
<th>C (in)</th>
<th>D (in)</th>
<th>a (in)</th>
<th>b (in)</th>
<th>e (in)</th>
<th>g (in)</th>
<th>h (in)</th>
<th>i (in)</th>
<th>j (in)</th>
<th>k (in)</th>
<th>m (in)</th>
<th>n (in)</th>
<th>r (in)</th>
<th>t (in)</th>
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<td>19.9</td>
<td>10.4</td>
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<td>1.1</td>
<td>3.2</td>
<td>2.4</td>
<td>0.75</td>
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### EQ 3-PHASE DUAL SPEED VFD HOIST WITH GEARED TROLLEY — DIMENSIONS

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<th>Cap. (Tons)</th>
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<th>C (in)</th>
<th>D (in)</th>
<th>a (in)</th>
<th>b (in)</th>
<th>e (in)</th>
<th>g (in)</th>
<th>h (in)</th>
<th>i (in)</th>
<th>j (in)</th>
<th>k (in)</th>
<th>k' (in)</th>
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MRQ Motorized Trolleys

Pull-Rotor Motor Brake
Extremely durable and reliable, this advanced design furnishes precision load control, deceleration and long life.

Heavy-Duty Motor
Designed for top performance with high-horsepower, 30/10-minute duty rating, cooling fins and standard thermal motor protection. Motor is totally enclosed, non-ventilated (TENV).

Built-In Drop Stops
Important feature provides additional security for the operator and the equipment.

Sealed Protection
Appropriate for both indoor and outdoor applications, including harsh environments. (Consult owner’s manuals for details.) Gaskets throughout the trolley provide for an IP55 rating.

Rubber Bumpers
Standard feature on all motorized trolleys. Provides protection from collisions. Complies with ASME standards.

Side Guide Rollers
Four ball bearing supported rollers enhance smooth trolley motion and reduce wear of the wheels and beam.

Variable Frequency Drive
Dual speed controls via “under-the-cover” variable frequency drive standard.

Cable Support Arm Assembly
Convenient “tow bar” is standard component that gives support and guides the power supply festooning.