GLV-40D2
PM Traction Machine

COMPACT
EFFICIENT
VERSATILE

Ideal for Modernization and New Construction 2:1
Double Wrap Traction (DWT)
Overhead Traction Applications

GENERAL SPECIFICATIONS

- Model: GLV-40D2
- Speed: Up to 800 fpm
- Capacity: Up to 4,000 Lbs.
- Roping: 2:1 – Double Wrap Traction
- Drive Sheave Diameter: 20” or 25”
- Maximum Sheave Shaft Load: 22,000 Lbs.
- Grooving: Up to 16 – ½” (20” Drive Sheave) or 14 - 5/8” (25” Drive Sheave) Ropes
- Counterweight %: 40 - 50%
- Machine Weight: 3,190 Lbs.
- Physical Dimensions: 39.82” W x 39.58” H x 34.68” D

BENEFITS

- Compact Design Inclusive of Outboard Bearing Post
- Armless Block Brakes – Quiet | Fewer Moving Parts
- 40 – 50% Counterweighting
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- High-Grade Rare Earth Magnets – High Torque, Low Temperature
- Highly Efficient / Lower Power Consumption
- Low Audible Noise
- Passenger Comfort - Smooth Stepless Motor Control
- Low Force Required for Manual Brake Release

STANDARD FEATURES

- Superior 30 Pole PMAC Motor Technology
- Four Block Brakes – Sets of Two are Independently Controlled and capable of stopping and holding 125% of rated capacity
- Sheave Removal / Replacement Using Standard Field Tools
- Serviceable Bearings
- Heidenhain ECN 1313 - 2048 PPR - EnDat Digital Encoder with Standard 60 in. Pigtail Fitted with Round 17 PIN Coupling
- Thermal Protection Device
- Rope Retention – Continuous Adjustable to Arc of Contact
- 380 VAC
- CSA listed

1 Data is based on 50% counterweighting. Please contact your Hollister Whitney sales professional for lower counterweight percentages. Be sure to check www.hollisterwhitney.com/products/ regularly for product updates.
2 Although a rope brake is optional, Hollister Whitney GL machines are designed to incorporate the RopeGripper® which acts directly on the suspension means mitigating the risks associated with loss of traction.
## OPTIONS

- Breakdown | Crating | Factory Personnel Reassembly Service
- Machine Bases With Deflector Sheave and Vibratory Isolation
- RopeGripper® Compatible
- Shielded Encoder Cable Lengths - **KEB**: 15m (49 ft), 20m (65 ft), 30m (98 ft), 40m (131 ft), 50m (164 ft) and 75m (246 ft) | **Magnatek**: 20m (65 ft), 40m (131 ft), 50m (164 ft) and 100m (328 ft)
- Rope Guards
- Loose Deflector Sheaves
- Modernization and New Construction Design Services
- New Construction Complete Running Platforms Available
- Custom Grooving for Specific Applications

### GLV-40D2 (20" WHEEL)

<table>
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<tr>
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<th>MOTOR RATING (HP)</th>
<th>POLES</th>
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