GLV-25S2
PM Traction Machine

LOW PROFILE
COMPACT
OPEN SOURCING

Ideal for MRL and Overhead
Traction 2:1 Applications

GENERAL SPECIFICATIONS

• Speed: Up to 500 fpm
• Capacity: Up to 2,500 Lbs.
• Roping: 2:1 - Single Wrap Traction
• Drive Sheave Diameter: 15.76”
• Maximum Sheave Shaft Load: 9,000 Lbs.

• Grooving: Up to 8 – 3/8” Ropes
• Counterweight %: 50%
• Machine Weight: 814 Lbs.
• Physical Dimensions: 31.3” W x 23.78” H x 14.33” D

STANDARD FEATURES

• Superior 30 Pole PMAC Motor Technology
• Two Independently Controlled Block Brakes – Each 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 Arc of Contact
• 380 VAC or 190 VAC
• CSA Listed

BENEFITS

• Compact / Low Vertical Profile – Reduced Overhead Height for MRL Applications
• Armless Block Brakes – Ease of Access | Quiet | Fewer Moving Parts
• Safety – Block Brake Access From MRL Work Platform (Cartop)
• High-Grade Rare Earth Magnets – High Torque, Low Temperature

• Low Force Required for Manual Brake Release
• Highly Efficient / Lower Power Consumption
• Low Audible Noise
• Passenger Comfort – Smooth Stepless Motor control
OPTIONS

- 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)
- Vibratory Isolation Available
- Rope Guards

### GLV-25S2

<table>
<thead>
<tr>
<th>HW PART #</th>
<th>SPEED (FPM)</th>
<th>CAPACITY (LBS)</th>
<th>MOTOR RATING (HP)</th>
<th>POLES</th>
<th>RATED RPM</th>
<th>RATED VOLTAGE (V)</th>
<th>RATED FREQ (HZ)</th>
<th>RATED CURRENT (A)</th>
<th>RATED TORQUE (FT-LBS)</th>
<th>MAX ACCEL TORQUE (FT-LBS)</th>
<th>CWT (%)</th>
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