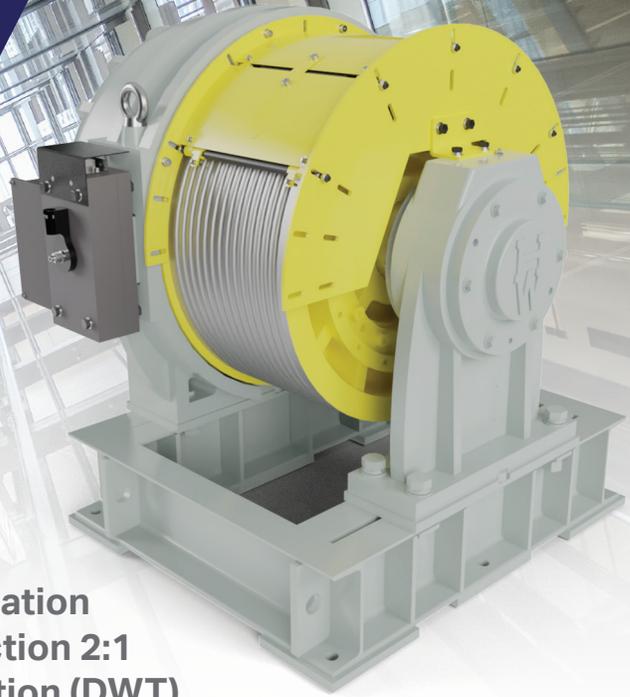


GLV-40D2

2:1 Gearless Traction Machine



**COMPACT
EFFICIENT
VERSATILE**

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

GENERAL SPECIFICATIONS

- Speed: Up to 800 fpm
- Capacity: Up to 4,000 lbs
- Roping: 2:1 – Double Wrap Traction
- Drive Sheave Diameter: 25"
- Maximum Sheave Shaft Load: 22,000 lbs
- Grooving: Up to (14) - 5/8" (25" Drive Sheave) Ropes
- Counterweight: 40 - 50%¹
- 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
- 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 Capacity²
- 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



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.

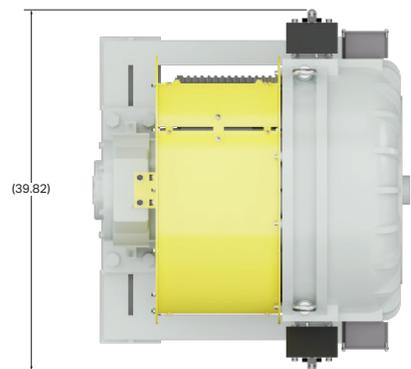
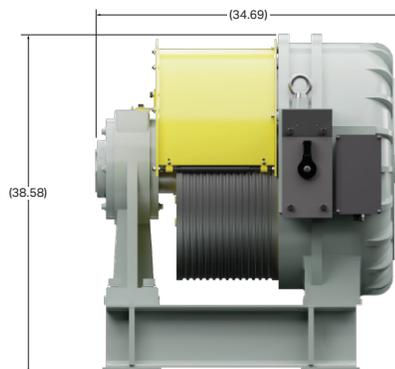
² Although a rope brake is optional, Hollister Whitney GL machines are designed to incorporate the RopeGripper® which acts directly on the suspension means mitigating the risks associated with loss of traction.

OPTIONS

- Breakdown | Crating | Factory Personnel Reassembly Service
- Machine Bases w/ Secondary and/or Deflector Sheave, and Vibratory Isolation. Loose Sheaves available.
- RopeGripper® Compatible²
- Shielded Encoder Cable Lengths - **KEB:** 15 m (49 ft), 20 m (65 ft), 30 m (98 ft), 40 m (131 ft), 50 m (164 ft) and 75 m (246 ft) | **Magnetek:** 20 m (65 ft), 40 m (131 ft), 50 m (164 ft) and 100 m (328 ft)
- Rope Guards
- Modernization and New Construction Design Services
- New Construction Complete Running Platforms Available

GLV-40D2 (25" WHEEL)

HW PART #	SPEED (FPM)	CAPACITY (LBS)	MOTOR RATING (HP)	POLES	RATED (RPM)	RATED VOLTAGE (V)	RATED FREQ (HZ)	RATED CURRENT (A)	RATED TORQUE (FT-LBS)	MAX ACCEL TORQUE (FT-LBS)	CWT (%)	SHEAVE DIA (IN.)
GLV-40D2-A-V407B	400	2500	20.4	30	122	380	30.5	32.6	878	1756	50	25
GLV-40D2-A-V408B	700	2500	35.7	30	214	380	53.5	57.6	878	1756	50	25
GLV-40D2-A-V409B	800	2500	40.7	30	244	380	61	65.4	878	1756	50	25
GLV-40D2-B-V407B	400	3500	28.2	30	122	380	30.5	46.9	1218	2436	50	25
GLV-40D2-B-V408B	700	3500	49.5	30	214	380	53.5	82.0	1218	2436	50	25
GLV-40D2-B-V409B	800	3500	56.5	30	244	380	61	91.5	1218	2436	50	25
GLV-40D2-C-V407B	400	4000	31.8	30	122	380	30.5	52.5	1372	2744	50	25
GLV-40D2-C-V408B	700	4000	55.9	30	214	380	53.5	91.7	1372	2744	50	25
GLV-40D2-C-V409B	800	4000	63.7	30	244	380	61	104.9	1372	2744	50	25



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