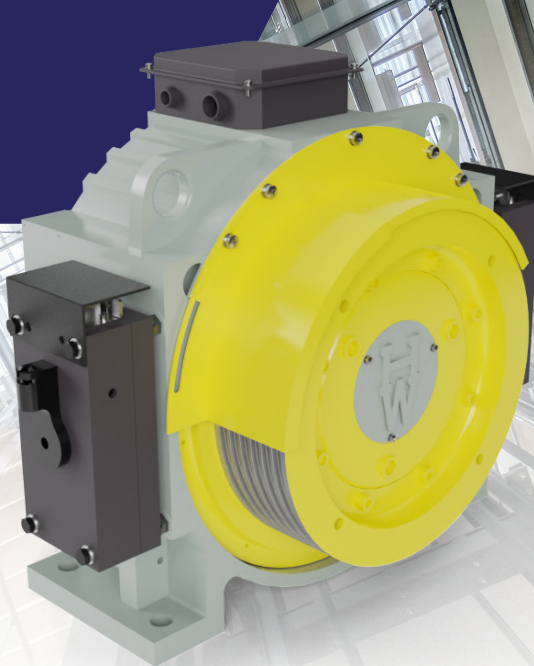


GLT-25S2

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

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

STANDARD FEATURES

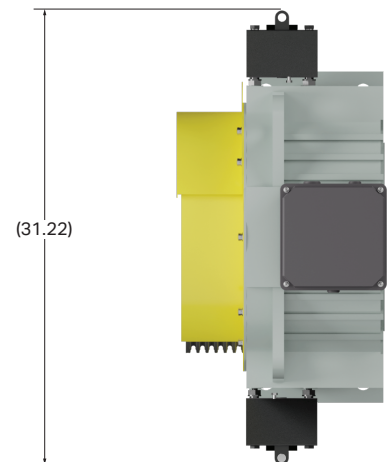
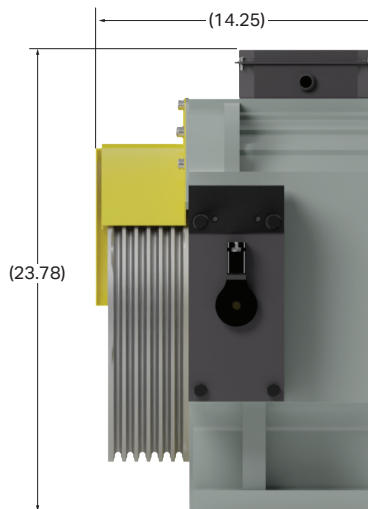
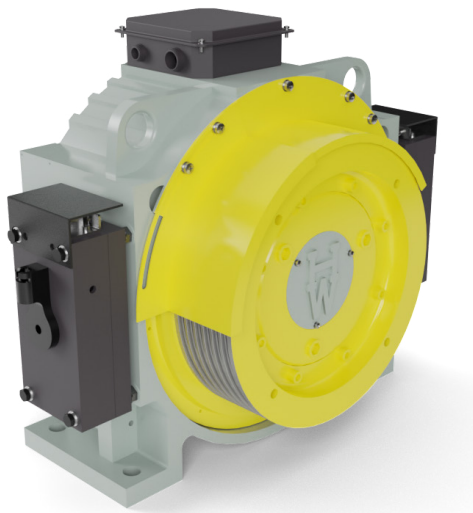
- Superior 30 Pole PMAC Motor Technology
- Two Independently Controlled Block Brakes – Each Capable of Stopping and Holding 125% of Rated Capacity¹
- Sheave Removal / Replacement using Standard Field Tools
- Serviceable Bearings
- Heidenhain ECN 1313 – 2048 PPR - EnDat Digital Encoder with Standard 60 in. Pigtail Fitted with Round 17 PIN Coupling
- Thermal Protection Device
- Rope Retention – Continuous Arc of Contact
- 380 VAC or 190 VAC
- CSA Listed

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) | **Magnetek**: 20m (65 ft), 40m (131 ft), 50m (164 ft) and 100m (328 ft)
- Vibratory Isolation Available
- Rope Guards
- Machine Bases Available for Overhead Traction Applications
- Modernization and New Construction Design Services
- New Construction MRL and OHT 2:1 Running Platforms Available
- Custom Grooving for Specific Applications

GLT-25S2

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)
GLT-25S2-A-T401	200	1760	7.5	30	97	380	24.3	12.3	406	812	50	15.76
GLT-25S2-A-T402	350	1760	13.1	30	170	380	42.5	21.3	406	812	50	15.76
GLT-25S2-A-T403	500	1760	18.8	30	243	380	60.7	29.2	406	812	50	15.76
GLT-25S2-B-T401	200	2200	9.1	30	97	380	24.3	15.0	491	982	50	15.76
GLT-25S2-B-T402	350	2200	15.9	30	170	380	42.5	25.8	491	982	50	15.76
GLT-25S2-B-T403	500	2200	22.7	30	243	380	60.7	35.2	491	982	50	15.76
GLT-25S2-C-T401	200	2500	10.4	30	97	380	24.3	17.2	565	1130	50	15.76
GLT-25S2-C-T402	350	2500	18.2	30	170	380	42.5	29.7	565	1130	50	15.76
GLT-25S2-C-T403	500	2500	26.1	30	243	380	60.7	40.6	565	1130	50	15.76



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