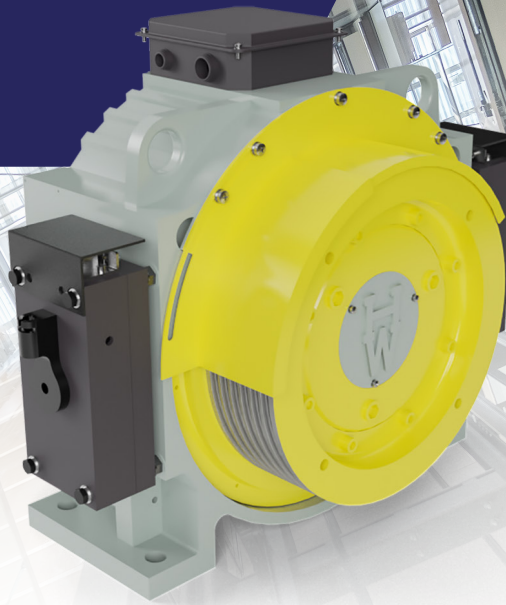


GLT-25S2

PM Traction Machine



LOW PROFILE COMPACT OPEN SOURCING

Ideal for
MRL 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: 15.75"
- Maximum Sheave Shaft Load: 9,000 lbs
- System Load: 18,000 lbs
- Grooving: Up to (8) - 3/8" Ropes
- Counterweight: 50%
- Machine Weight: 814 lbs
- Physical Dimensions: 31.22" W x 23.78" H x 14.50" D

BENEFITS

- Compact / Low Vertical Profile – Reduced Overhead Height for MRL Applications
- Block Brakes – Ease of Access | Quiet | Fewer Moving Parts
- 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

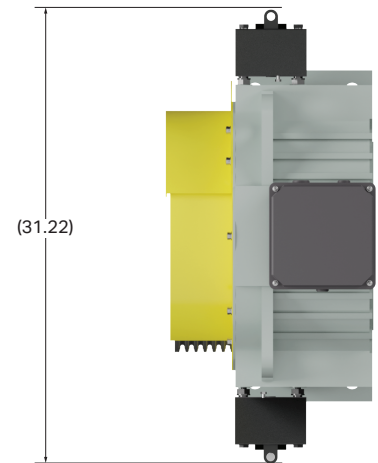
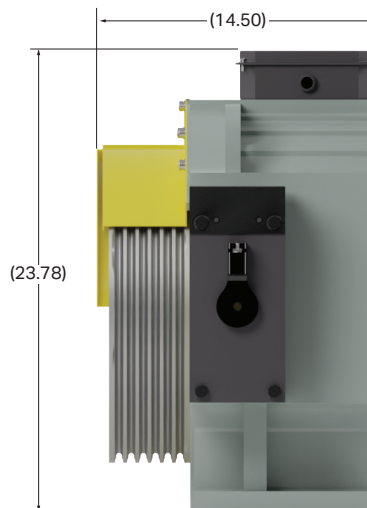
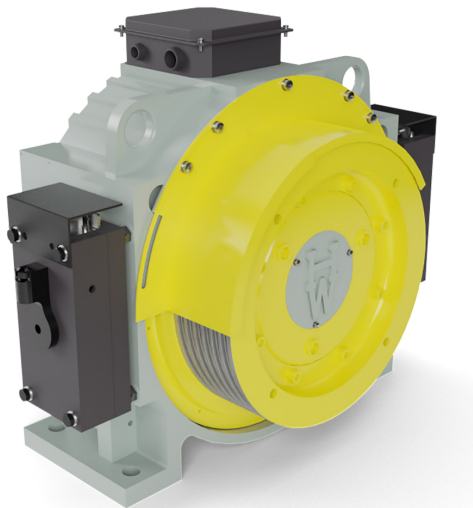
- Superior 30 Pole PMAC Motor Technology
- Two Independently Controlled Block Brakes – Each Capable of Stopping and Holding 125% of Rated Capacity
- Sheave Removal / Replacement using Standard Field Tools
- Sealed Bearings
- Heidenhain ECN 1313 – 2048 PPR - EnDat Digital Encoder with Standard 60 in.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



OPTIONS

- 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)
- Modernization and New Construction Design Services
- 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-C-T401	100	1760	3.7	30	48.5	380	12.2	11.8	406	812	50	15.75
	150		5.6		72.7		18.3					
	200		7.5		96.9		24.3					
GLT-25S2-C-T401	250	1760	9.4	30	121.2	380	30.0	20.1	406	812	50	15.75
	300		11.2		145.4		36.0					
	350		13.1		169.7		42.5					
GLT-25S2-C-T401	400	1760	15.0	30	193.9	380	48.6	30.2	406	812	50	15.75
	450		16.9		218.1		54.7					
	500		18.7		242.4		60.7					
GLT-25S2-C-T402	100	2200	4.5	30	48.5	380	12.2	14.3	491	982	50	15.75
	150		6.8		72.7		18.3					
	200		9.1		96.9		24.3					
GLT-25S2-C-T402	250	2200	11.3	30	121.2	380	30.0	24.2	491	982	50	15.75
	300		13.6		145.4		36.0					
	350		15.9		169.7		42.5					
GLT-25S2-C-T402	400	2200	18.1	30	193.9	380	48.6	36.5	491	982	50	15.75
	450		20.4		218.1		54.7					
	500		22.7		242.4		60.7					
GLT-25S2-C-T403	100	2500	5.2	30	48.5	380	12.2	16.4	565	1130	50	15.75
	150		7.8		72.7		18.3					
	200		10.4		96.9		24.3					
GLT-25S2-C-T403	250	2500	13.0	30	121.2	380	30.0	27.9	565	1130	50	15.75
	300		15.6		145.4		36.0					
	350		18.3		169.7		42.5					
GLT-25S2-C-T403	400	2500	20.9	30	193.9	380	48.6	42.0	565	1130	50	15.75
	450		23.5		218.1		54.7					
	500		26.1		242.4		60.7					



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