

GLU-40S2

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 4,000 lbs
- Roping: 2:1 - Single Wrap Traction
- Drive Sheave Diameter: 20"
- Maximum Sheave Shaft Load: 11,500 lbs
- System Load: 23,000 lbs
- Grooving: Up to (8) - 3/8" or (7) - 1/2" Ropes
- Counterweight: 50%
- Machine Weight: 1,760 lbs
- Physical Dimensions: 39.6" W x 29.23" H x 18.43" 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
- 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

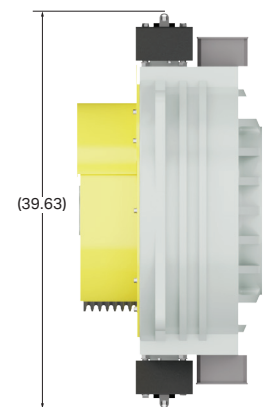
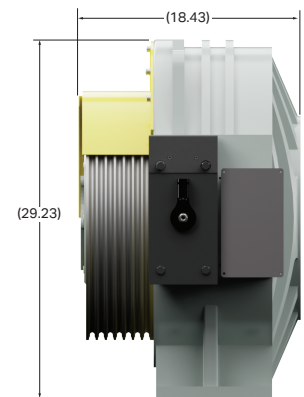
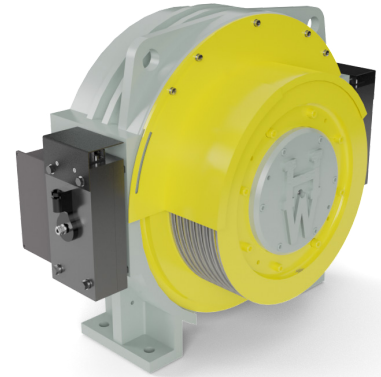


OPTIONS

- 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)
- Custom Grooving for Specific Applications

GLU-40S2 190V 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)
GLU-40S2-C-U201	100	3000	6.0	30	38.2	190	9.6	38.6	822	1644	50	20
	150		9.0		57.3		14.4					
	200		12.0		76.4		19.3					
GLU-40S2-C-U201	250	3000	14.9	30	95.5	190	23.9	64.7	822	1644	50	20
	300		17.9		114.6		28.7					
	350		20.9		133.7		33.5					
GLU-40S2-C-U201	400	3000	23.9	30	152.8	190	37.6	97.3	822	1644	50	20
	450		26.9		171.9		42.3					
	500		29.9		191.0		47.8					
GLU-40S2-C-U202	100	3500	7.1	30	38.2	190	9.6	45.7	970	1940	50	20
	150		10.6		57.3		14.4					
	200		14.1		76.4		19.3					
GLU-40S2-C-U202	250	3500	17.6	30	95.5	190	23.9	76.5	970	1940	50	20
	300		21.2		114.6		28.7					
	350		24.7		133.7		33.5					
GLU-40S2-C-U202	400	3500	28.2	30	152.8	190	37.6	114.8	970	1940	50	20
	450		31.7		171.9		42.3					
	500		35.3		191.0		47.8					
GLU-40S2-C-U203	100	4000	8.9	30	38.2	190	9.6	58.1	1225	2452	50	20
	150		13.4		57.3		14.4					
	200		17.8		76.4		19.3					
GLU-40S2-C-U203	250	4000	22.3	30	95.5	190	23.9	97.3	1225	2452	50	20
	300		26.7		114.6		28.7					
	350		31.2		133.7		33.5					
GLU-40S2-C-U203	400	4000	35.6	30	152.8	190	37.6	145.0	1225	2452	50	20
	450		40.1		171.9		42.3					
	500		44.5		191.0		47.8					

GLU-40S2 380V 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)
GLU-40S2-C-U401	100	3000	6.0	30	38.2	380	9.6	19.4	822	1644	50	20
	150		9.0		57.3		14.4					
	200		12.0		76.4		19.3					
GLU-40S2-C-U401	250	3000	14.9	30	95.5	380	23.9	34.4	822	1644	50	20
	300		17.9		114.6		28.7					
	350		20.9		133.7		33.5					
GLU-40S2-C-U401	400	3000	23.9	30	152.8	380	37.6	49.2	822	1644	50	20
	450		26.9		171.9		42.3					
	500		29.9		191.0		47.8					
GLU-40S2-C-U402	100	3500	7.1	30	38.2	380	9.6	23.0	970	1940	50	20
	150		10.6		57.3		14.4					
	200		14.1		76.4		19.3					
GLU-40S2-C-U402	250	3500	17.6	30	95.5	380	23.9	40.7	970	1940	50	20
	300		21.2		114.6		28.7					
	350		24.7		133.7		33.5					
GLU-40S2-C-U402	400	3500	28.2	30	152.8	380	37.6	58.0	970	1940	50	20
	450		31.7		171.9		42.3					
	500		35.3		191.0		47.8					
GLU-40S2-C-U403	100	4000	8.9	30	38.2	380	9.6	29.3	1225	2452	50	20
	150		13.4		57.3		14.4					
	200		17.8		76.4		19.3					
GLU-40S2-C-U403	250	4000	22.3	30	95.5	380	23.9	51.9	1225	2452	50	20
	300		26.7		114.6		28.7					
	350		31.2		133.7		33.5					
GLU-40S2-C-U403	400	4000	35.6	30	152.8	380	37.6	73.3	1225	2452	50	20
	450		40.1		171.9		42.3					
	500		44.5		191.0		47.8					



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