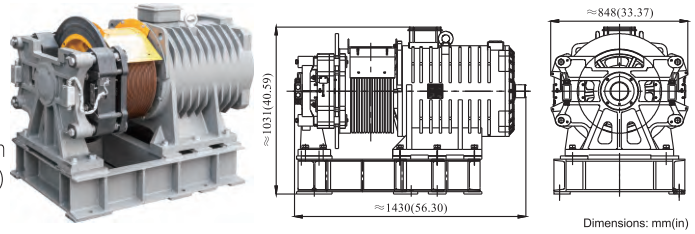




TGL2A SERIES LARGE PM GEARLESS MACHINE

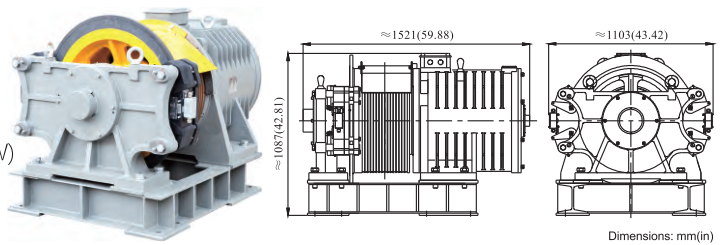
- ▶ Sheave Shaft Load: 40000 lbs
- ▶ Roping: 1:1 Application
- ▶ Wrap: Single Wrap (SW) or Double Wrap (DW) Option
- ▶ Sheave Grooves: Up to 8X1/2" ropes (16 grooves for DW)
- ▶ Estimated weight: 4576 lbs
- ▶ Normal Brake
 - Pick/Hold Voltage: 110/55 VDC
 - Pick/Hold Current: 2.2/1.1 A
- ▶ Emergency Brake
 - Pick/Hold Voltage: 110/55 VDC
 - Pick/Hold Current: 2.2/1.1 A



| Model Number | Capacity (lbs) | Speed (fpm) | Motor Rating (HP) | Poles | Rated RPM | Rated Voltage (VAC) | Rated Frequency (HZ) | Rated Current (A) | Rated Torque (ft-lbs) | Max Acceleration Torque (ft-lbs) | Cwt (%) | Sheave Diameter |
|---------------|----------------|-------------|-------------------|-------|-----------|---------------------|----------------------|-------------------|-----------------------|----------------------------------|---------|-----------------|
| TGL2A-4035-HV | 4000 | 350 | 26 | 20 | 65.4 | 325 | 10.9 | 48 | 2086 | 4381 | 45 | 20.47" |
| TGL2A-4050-HV | 4000 | 500 | 37 | 20 | 93 | 325 | 15.5 | 64 | 2086 | 4381 | 45 | 20.47" |
| TGL2A-4070-HV | 4000 | 700 | 52.1 | 20 | 131 | 325 | 21.8 | 85 | 2086 | 4381 | 45 | 20.47" |

TGL3 SERIES LARGE PM GEARLESS MACHINE

- ▶ Sheave Shaft Load: 89984 lbs
- ▶ Roping: 2:1 Application or 1:1 Application
- ▶ Wrap: Double Wrap (DW)
- ▶ Sheave Grooves: Up to 8X5/8" ropes (16 grooves for DW)
- ▶ Estimated Weight: 6600 lbs
- ▶ Normal Brake
 - Pick/Hold Voltage: 110/55 VDC
 - Pick/Hold Current: 2.2/1.1 A
- ▶ Emergency Brake
 - Pick/Hold Voltage: 110/55 VDC
 - Pick/Hold Current: 2.2/1.1 A



TGL3 2:1 Application Table

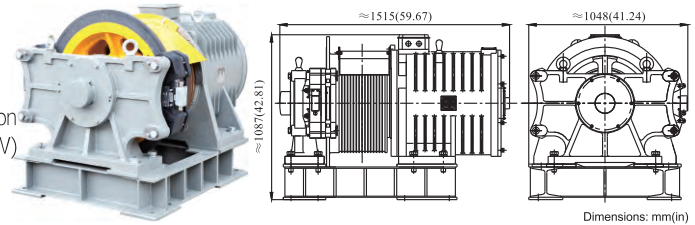
| Model Number | Capacity (lbs) | Speed (fpm) | Motor Rating (HP) | Poles | Rated RPM | Rated Voltage (VAC) | Rated Frequency (HZ) | Rated Current (A) | Rated Torque (ft-lbs) | Max Acceleration Torque (ft-lbs) | Cwt (%) | Sheave Diameter |
|--------------|----------------|-------------|-------------------|-------|-----------|---------------------|----------------------|-------------------|-----------------------|----------------------------------|---------|-----------------|
| TGL3-8050-HV | 8000 | 500 | 78.7 | 24 | 139 | 350 | 27.8 | 127 | 2970 | 7375 | 45 | 27.56" |
| TGL3-8060-HV | 8000 | 600 | 94 | 24 | 166 | 350 | 33.2 | 148 | 2970 | 7375 | 45 | 27.56" |
| TGL3-8070-HV | 8000 | 700 | 109.8 | 24 | 194 | 350 | 38.8 | 178 | 2970 | 7375 | 45 | 27.56" |

TGL3 1:1 Application Table

| Model Number | Capacity (lbs) | Speed (fpm) | Motor Rating (HP) | Poles | Rated RPM | Rated Voltage (VAC) | Rated Frequency (HZ) | Rated Current (A) | Rated Torque (ft-lbs) | Max Acceleration Torque (ft-lbs) | Cwt (%) | Sheave Diameter |
|--------------|----------------|-------------|-------------------|-------|-----------|---------------------|----------------------|-------------------|-----------------------|----------------------------------|---------|-----------------|
| TGL3-8050-HV | 4000 | 1000 | 78.7 | 24 | 139 | 350 | 27.8 | 127 | 2970 | 7375 | 45 | 27.56" |
| TGL3-8060-HV | 4000 | 1200 | 94 | 24 | 166 | 350 | 33.2 | 148 | 2970 | 7375 | 45 | 27.56" |
| TGL3-8070-HV | 4000 | 1400 | 109.8 | 24 | 194 | 350 | 38.8 | 178 | 2970 | 7375 | 45 | 27.56" |

TGL3A SERIES LARGE PM GEARLESS MACHINE

- ▶ Sheave Shaft Load: 89984 lbs
- ▶ Roping: 1:1 Application
- ▶ Wrap: Single Wrap (SW) or Double Wrap (DW) Option
- ▶ Sheave Grooves: Up to 8X5/8" ropes (16 grooves for DW)
- ▶ Estimated Weight: 6600 lbs
- ▶ Normal Brake
 - Pick/Hold Voltage: 110/55 VDC
 - Pick/Hold Current: 2.2/1.1 A



| Model Number | Capacity (lbs) | Speed (fpm) | Motor Rating (HP) | Poles | Rated RPM | Rated Voltage (VAC) | Rated Frequency (HZ) | Rated Current (A) | Rated Torque (ft-lbs) | Max Acceleration Torque (ft-lbs) | Cwt (%) | Sheave Diameter |
|---------------|----------------|-------------|-------------------|-------|-----------|---------------------|----------------------|-------------------|-----------------------|----------------------------------|---------|-----------------|
| TGL3A-5035-HV | 5000 | 350 | 34.8 | 24 | 53 | 350 | 10.6 | 57.5 | 3445 | 7375 | 45 | 25.6" |
| TGL3A-5050-HV | 5000 | 500 | 49.3 | 24 | 75 | 350 | 15 | 79 | 3445 | 7375 | 45 | 25.6" |