

FRAME | 705-OB

The Imperial Electric 705-OB machine features an extended chassis and a heavy-duty outboard bearing support to easily accommodate the special load characteristics required for heavy duty double-wrap configurations.



DOUBLE WRAP

3,500-5,000 lbs. capacity, up to 1400fpm – 1:1 roping

5,000-9,000 lbs. capacity, up to 700fpm – 2:1 roping

Model 705-OB

- Machine Weight: 5,780 lbs.
- Ø 25" Drive Sheave
- Number of Poles: 32
- 12-5/8" U-grooves for up to 6-5/8" ropes
- 14-1/2" U-groove for up to 7-1/2" ropes
- Double Wrap
- Dual Independent Brakes

Capabilities

- Capacity: 5,000 lbs. (1:1) or 9,000 lbs. (2:1)
- Speeds up to 1400fpm (1:1) or 700fpm (2:1)
- 55,000 lbs. Maximum Sheave Shaft load
- Brake torque: 4,426 ft-lbs [6,000 N•m] /side
- 6-5/8" Ropes, double wrap 7-1/2" ropes
- *Optional 12-5/8" Heavy Duty single wrap
- Fit for straight drop, overhead, basement, and side adjacent applications

Benefits

- High Efficiency
- Quieter Operation
- Compact Design
- Nearly Maintenance Free
- Reduced Power Consumption
- Smoother Startup
- Improved Electrical Precision at Very Low Speed

Features

- AC Synchronous Permanent Magnet Design
- Totally Enclosed, Self-Cooling Motor – No Fan Needed
- Heavy Duty Components and Construction
- Re-Greaseable Bearings
- Machine, Traction Sheave, Brake and Encoder Provided
- Electronically Activated Double Action Brake Solenoid
- UL/CSA CUS Certified

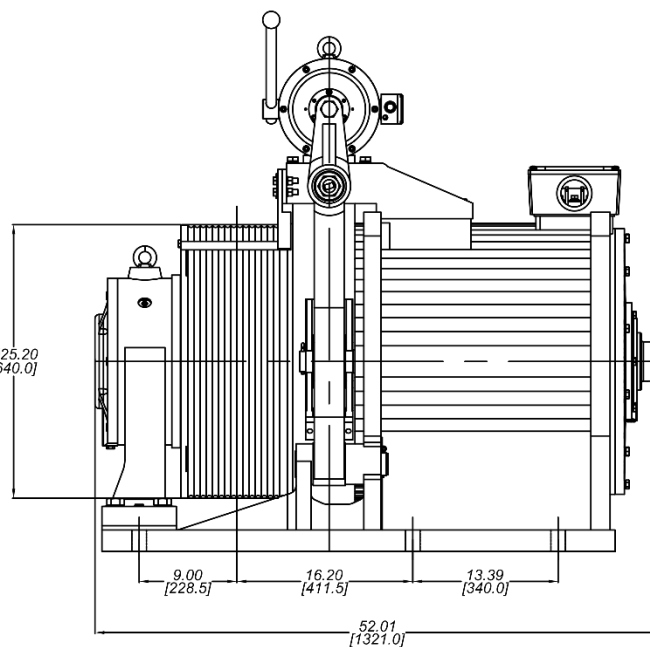
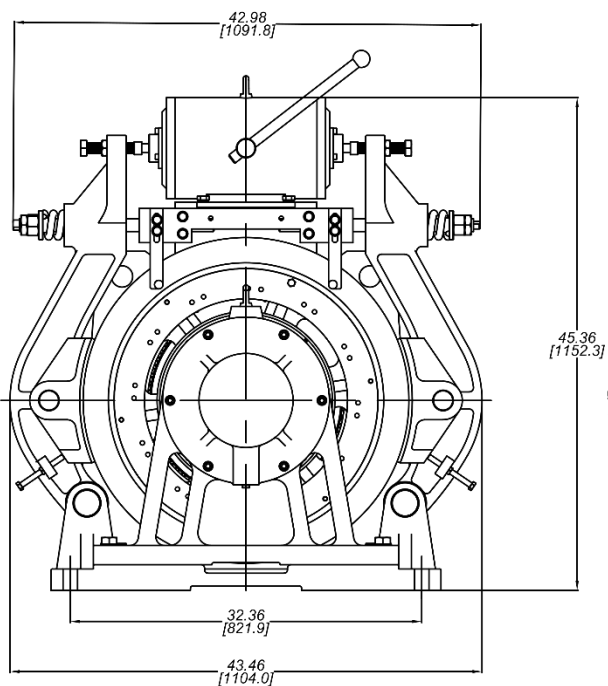
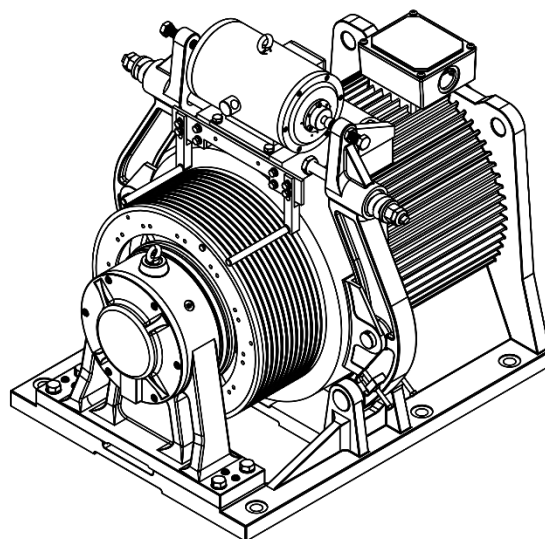
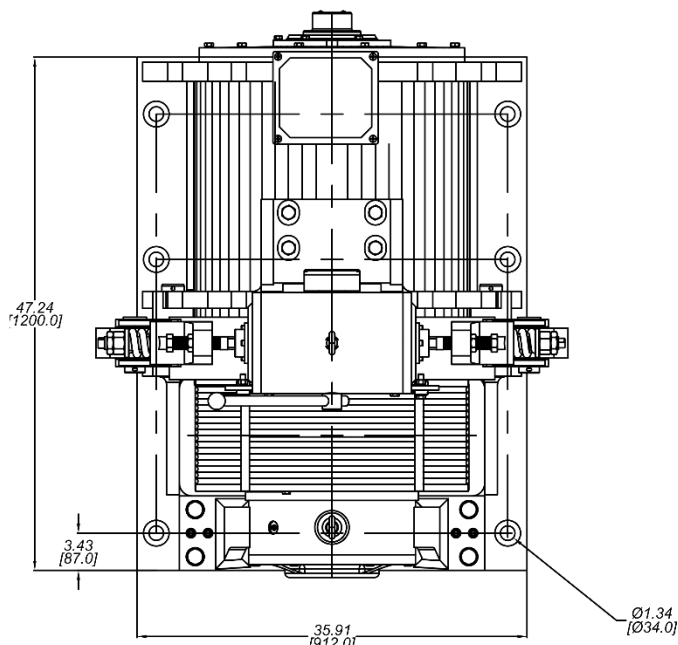


GEARLESS AC MACHINES

Nidec

Elevator

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 **Imperial Electric®**