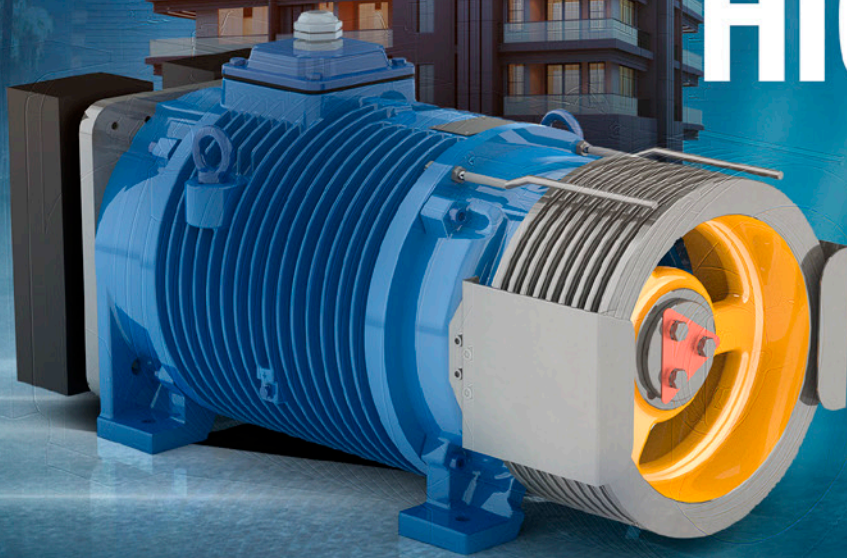


WEG LIFT GEARLESS

Elevator Traction Machines

LET
EFFICIENCY GO
HIGHER



Do you want maximum efficiency to get to the highest place faster?

Check out the **WEG Lift Gearless Elevator Traction Machine series** which optimizes the space needed for the engine room, providing more space for the roof. Much more than a motor, it is a complete, reliable solution with the best ROI on the market, designed to improve performance, increase durability, cut down maintenance costs and reduce energy consumption. All that with WEG's reliable and quality support, service and replacement.

WEG Lift Gearless Elevator Traction Machines. Efficiency goes up, consumption goes down.



WEG Lift Gearless

With a robust and versatile construction, combined with high operating torques, the **WEG Lift Gearless** traction machine for elevators was built to withstand the strict requirements of the application, such as:

- Load capacity
- Cabin weight and speed
- Travel length
- Lifting type
- Diameter and number of channels of the traction sheave
- Traction cable size

In addition, it provides a complete solution with an integrated sheave, encoder and brake.

WEG Lift Gearless is compatible with the main drives on the market (permanent magnet motor, synchronous motor, VVW vector control - VSD).

All of that with WEG's reliable and quality support, service and replacement.

Product Characteristics

Standard characteristics

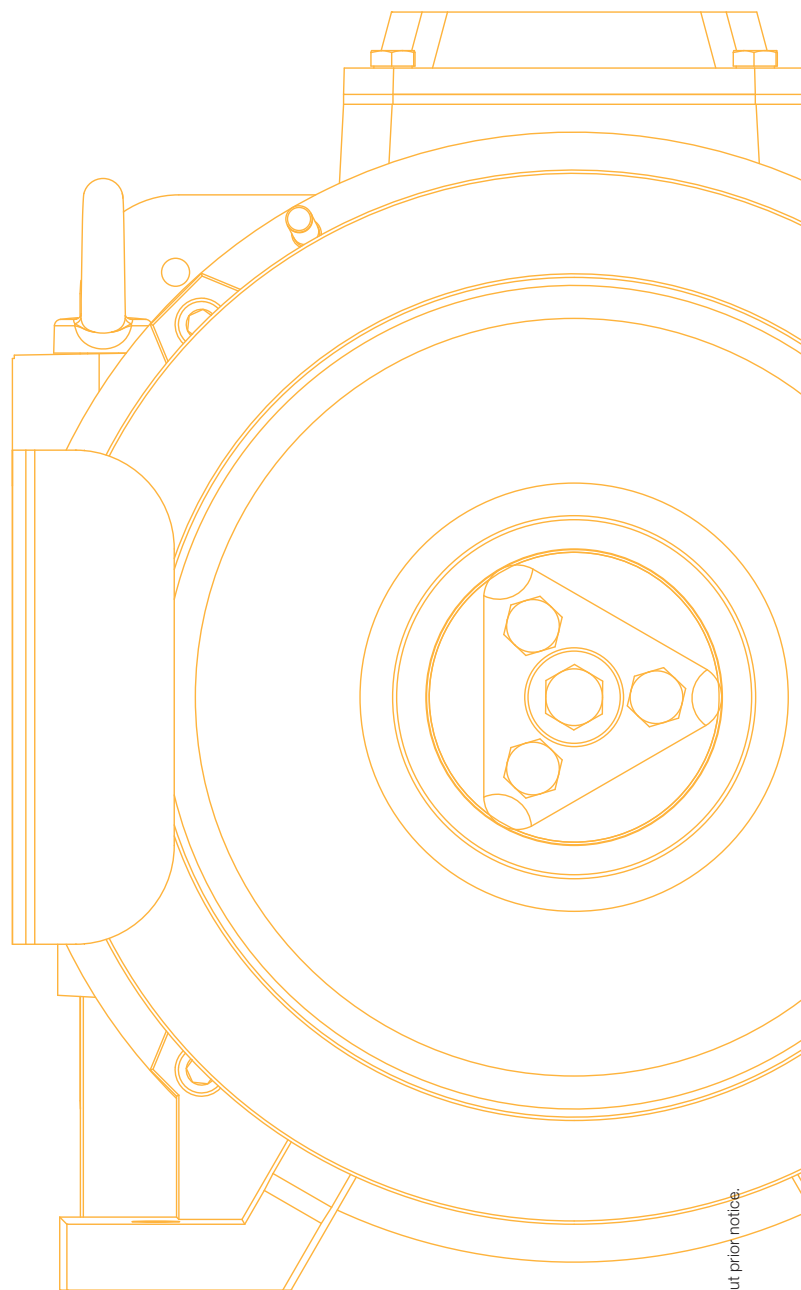
- Lifting capacity: 992 to 2314.8 lbs (6 to 14 passengers)
- Lifting speed: 3.3 a 574.2 ft/s
- Lifting ratio 2:1
- Power: 4.7 to 15 HP (3.5 to 11 kW)
- Poles: 16
- Frame: 284 (IEC 180)
- Voltage: 460 V
- PM Motor (powered by VSD only)
- Frequency: 16 to 28 Hz
- Duty cycle: Intermittent (S3 – 40% ED –180s/h)
- Ambient temperature: -20 to +50 °C
- Degree of protection: IP54
- Mounting: F3
- Grease: Mobil Polirex
- Painting: 203A
- Color: RAL5009
- Bearings:
 - DE 22216
 - NDE: 6314-ZZ-C3
- Special shaft
- Pulley on Cast Iron with 8 channels and 12.6 in diameter
- Encoder, brake and pulley included
- Extended cables (157.5 in)
- Brake with/without hand release
- RTW 350: torque capacity 2x320.4 lb.ft
- RSR 400: torque capacity 2x368.8 lb.ft
- Encoder – EnDAT protocol

Optional items:

- Other voltages

Features (special items on request):

- Pulley diameter 9.45 in
- Different passengers capacity
- Different lifting speed



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