

CORPORATE & PRODUCTS



MOTOVARIO®

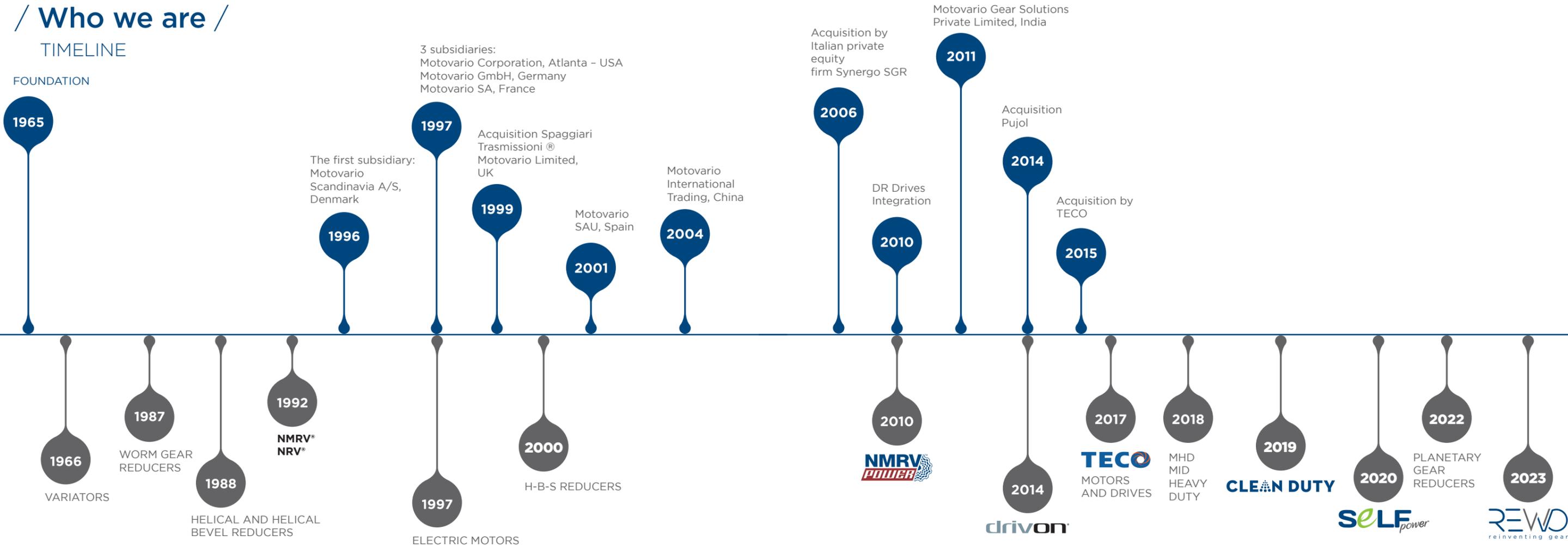
HEART OF MOTION

a **TECO Group** company

/ Who we are /

TIMELINE

FOUNDATION

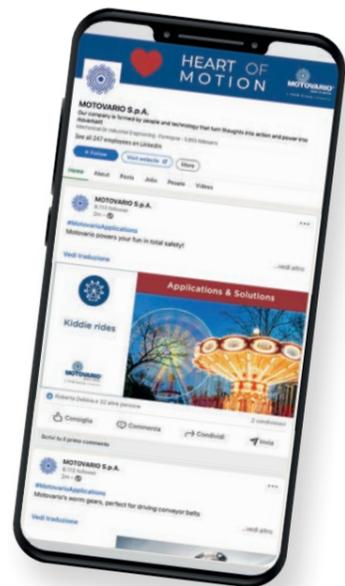


Today, we are part of a solid group, **TECO**, that supports our growth and development. **Founded in 1965, we are an Italian company noted for excellence in transmission components.** Over the decades we have transformed into a multinational company with a global presence. We study and produce transmission components that, thanks to our inverters, serve the mechanical and mechatronic needs of all industrial sectors. **Our company is formed by people and technology that turn thoughts into actions and power into movement. A heart of production** staffed by over **600 employees** working at our various plants around the world.

We produce and market a wide range of products throughout the world: speed variators, gear reducers and helical, bevel, parallel, shaft mounted and worm gearmotors, electric motors and drives. **170 numerically-controlled systems served by LGV** to store materials in automated warehouses ensure that the production department operates at **peak efficiency.** **Our highly automated assembly lines are supported by a dedicated IT system. A statistical process control system** monitors all process steps to control process performance and avoid rejects. **Annealing, normalizing, hardening and case-hardening are performed in-house.** The plant operates 24 hours. **Reliability, robustness and versatility are the defining characteristics of our products.**

/ Social Media /

OUR DIGITAL COMMUNICATION



Follow us on LinkedIn



Watch our videos on YouTube



Subscribe to our newsletter

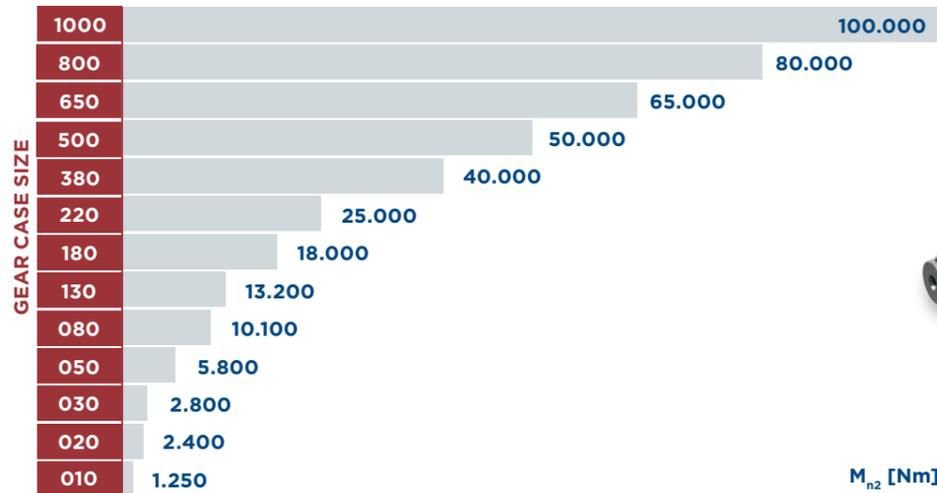


Follow us on our social channels in China as well!



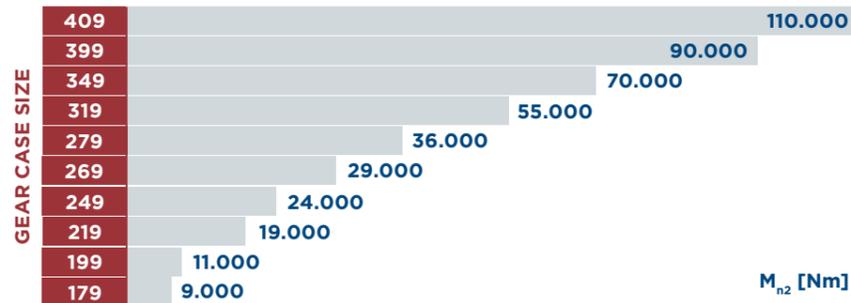
Download WeChat

HPL Planetary gear reducers



- spheroidal cast iron output modules
- reduction stages 1, 2, 3, 4
- ratios up to 3.000

MHD Mid-Heavy Duty gear reducers



PBZ

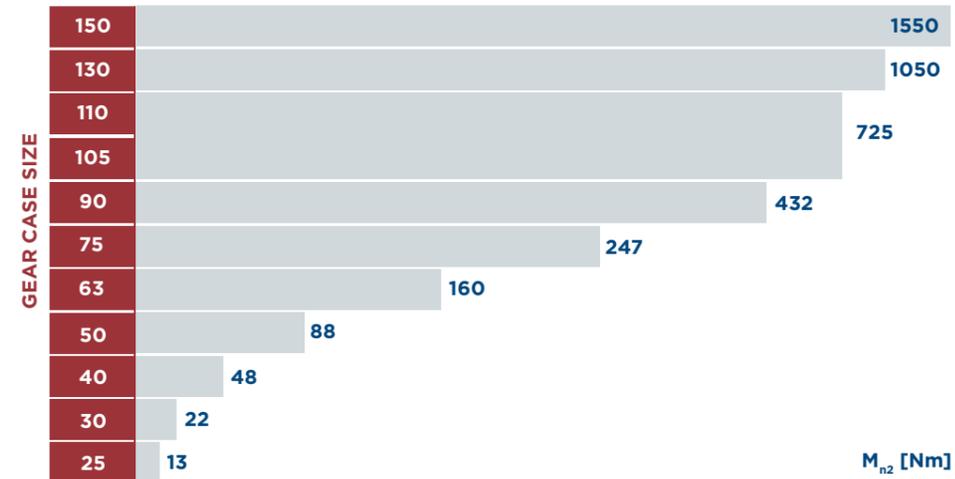
- cast iron casing spheroidal
- low speed integral shaft from \varnothing 100 up to \varnothing 220
- reduction stages 2, 3, 4
- ratios up to 431

VAR Motovariators and motovariator-gear reducers

- cast iron or aluminum casing
- compact version with helical gear reducer
- Atex ready
- power up to 9,2 kW
- ratios from 1,5 to 7 (with reducers)
- M_{n2} up to 5.000



VSF Worm geared motors and gear reducers



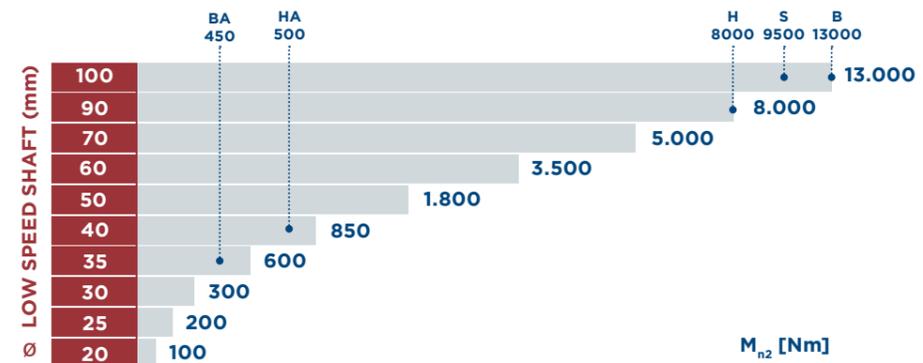
CLEAN DUTY

- cast iron or aluminum casing
- Atex ready
- low speed shaft from \varnothing 11 up to \varnothing 50
- motor power up to 15 kW
- ratios up to 1.083

WORM GEAR REDUCERS FOR AGGRESSIVE ENVIRONMENTS AND HIGH HYGIENE REQUIREMENTS

- gear case size from 030 to 090
- ratios from 5 to 100
- motor power up to 1,5 kW

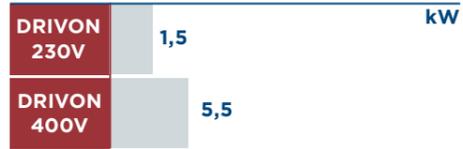
HBS Reducers and geared reducers



- cast iron or aluminum casing
- Atex ready
- low speed shaft from \varnothing 11 up to \varnothing 110
- power up to 90 kW
- reduction stages 1, 2, 3
- ratios up to 443



D Drives



drivon®

DRIVON - on-board drive

three phase and single phase power supply

high dynamics sensorless vectorial control

power up to 5,5 kW

standard integrated STO certified SIL3, PLe

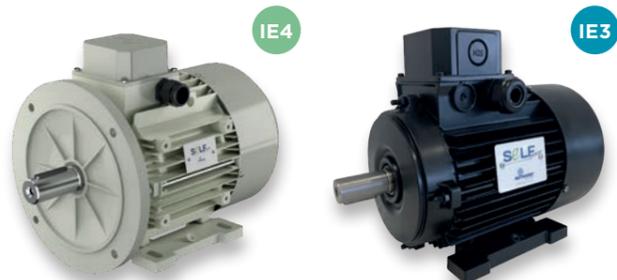
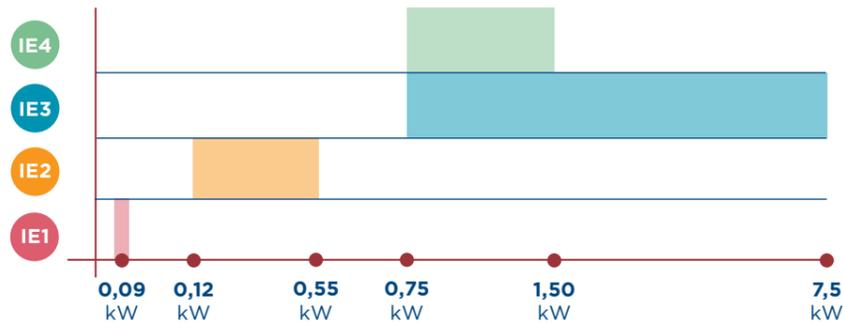
integrated field bus:

optional field bus:

certifications

M Electric motors

EFFICIENCY



SELF power
Synchronous Eco Line-start Friendly

power up to 7,5 kW

Atex ready

poles 2, 4, 6

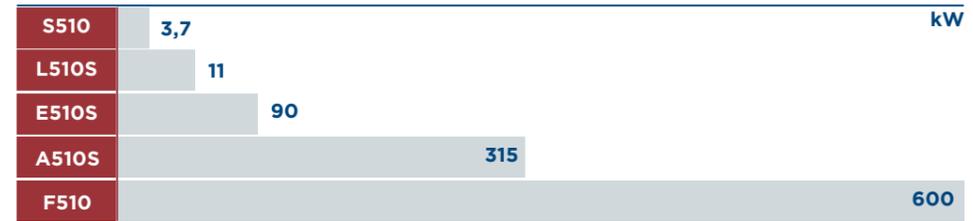
brake, single phase, double polarity

protection degree up to IP66

certifications

D Drives

TECO



S510 - L510S - E510S - A510S - F510 - cabinet drive

compact, standard and premium up to 600 kW

protection degree IP20 - IP66

torque and speed regulation STO

PLC integrated functions

HVAC/R and building automation integrated functions



M Electric motors

TECO

Cast iron motors IEC

TECO IE1, IE2, IE3 Cast Iron squirrel cage induction motors are designed, manufactured and tested to meet the latest European and international standards. Under NEMA MG-1 design, the motor design meets NEMA Premium in output range 1 hp to 617 hp* with metric frame size 80 to 355.



SMOKESPILL motors

TECO's smokespill motors are designed and tested to operate at extremes of temperature in the event of fires. These motors are installed in ventilation set which is to extract smoke & heat from buildings giving sufficient time for evacuation.

The design meets EN12101-3, providing F400, F300 and F200 with efficiency level IE3 and IE2.

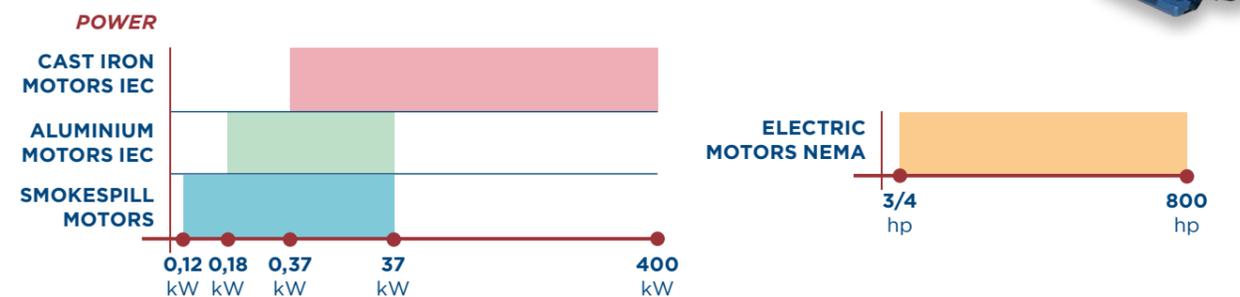


Electric motors NEMA

The TECO-Westinghouse MAX-E1® product line offers a broad range of NEMA Premium Efficiency motors from 3/4 hp to 800 hp.

MAX-E1® motors are designed, manufactured and tested to meet or exceed the latest NEMA, IEEE, and other international standards. All motors are CSA certified for Class I, Division II, Groups B, C, and D; temperature code T3C and have a non-sparking, non-static fan.

MAX-E2® motors meet IEEE-841 standard, to be suitable for petroleum and chemical industry use. Premium Efficiency Severe-Duty TEFC design up to 500 hp.



/ Customer first /

MYMOTOVARIO WORLD OF SERVICE

The digital portal dedicated to our customers



SALES PORTAL

The new service dedicated to Motovario customers and sales force



CORPORATE

Motovario corporate area



ACADEMY

Consult the online training to improve your knowledge of our products



MY PRODUCTS

With the production order, you can find the Motovario product



MAC

Documentation and instructions for assembling Motovario products



ORDER TRACKING

The status of your orders in one click!



PRODUCT SELECTION

Download 2D/3D drawings and datasheet



DIGITAL SPARE PARTS

On the interactive map, choose the components you need!



TECHNICAL DOCUMENTATION

Download catalogues, leaflet, manuals and software



STOCK AVAILABILITY

Consult the stocks of all Motovario warehouses

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