

# CORPORATE & PRODUCTS



**MOTOVARIO®**

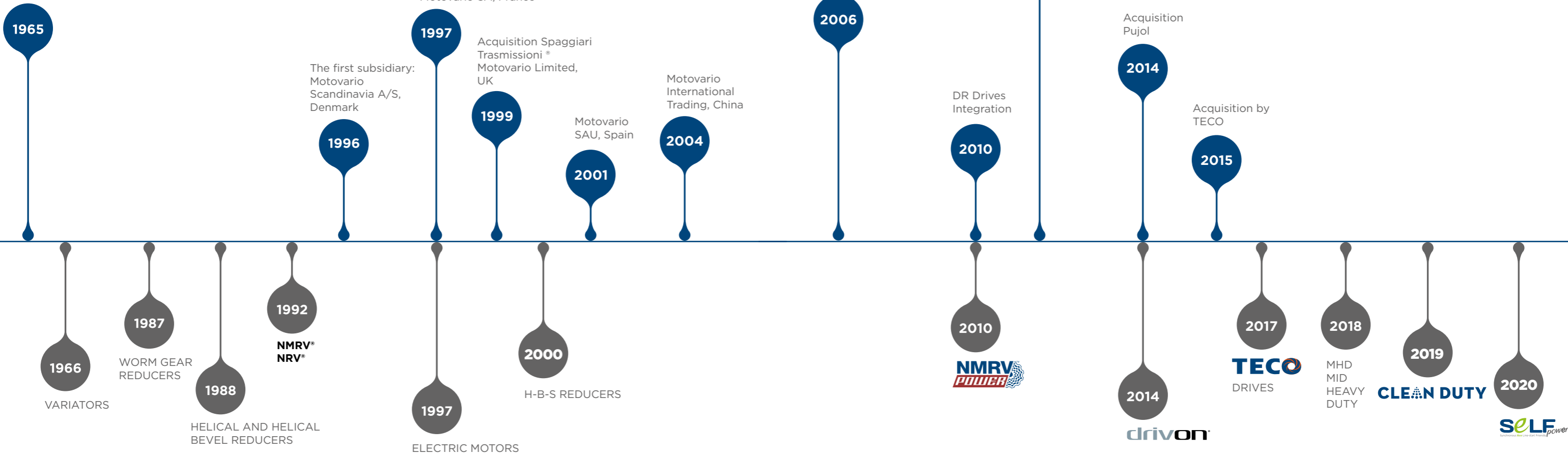
HEART OF MOTION

a **TECO Group** company

# / Who we are /

## TIMELINE

### FOUNDATION

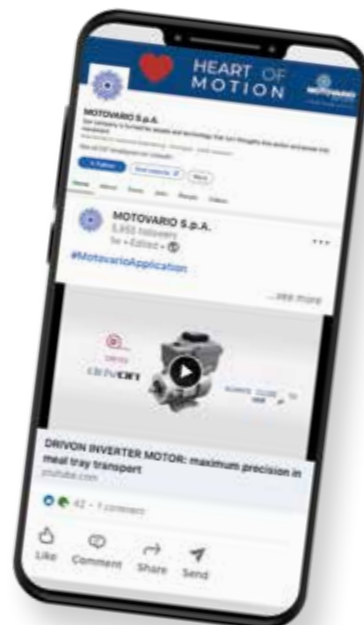


Founded in 1965, we are an Italian company noted for excellence in transmission components. Over the decades we have transformed into a multinational company with a global presence. We study and produce transmission components that, thanks to our inverters, serve the mechanical and mechatronic needs 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.

Today, we are part of a solid group, TECO, that supports our growth and development. 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. Reliability, robustness and versatility are the defining characteristics of our products.

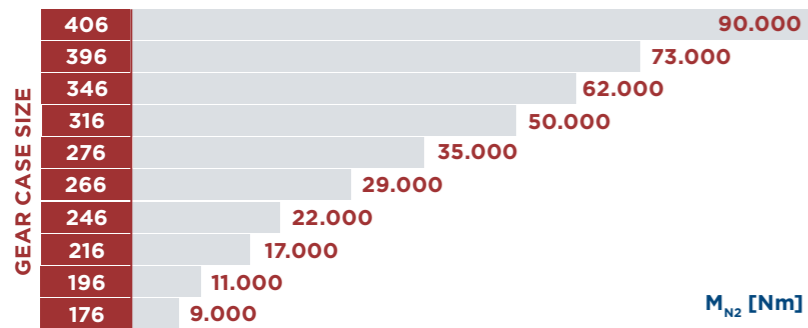
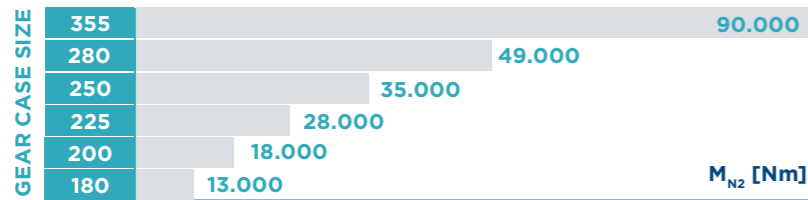
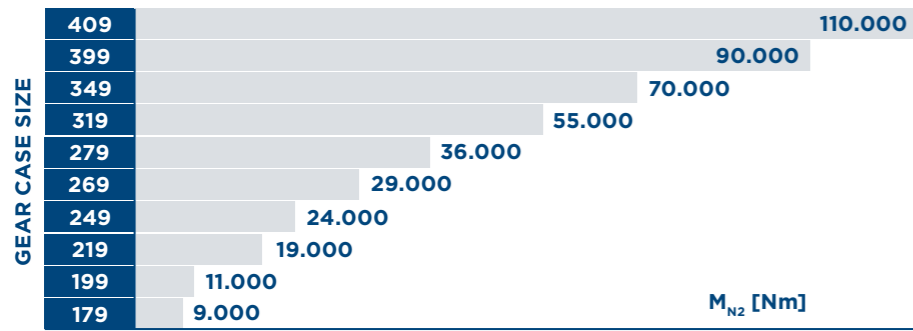
# / Social Media /

## OUR DIGITAL COMMUNICATION





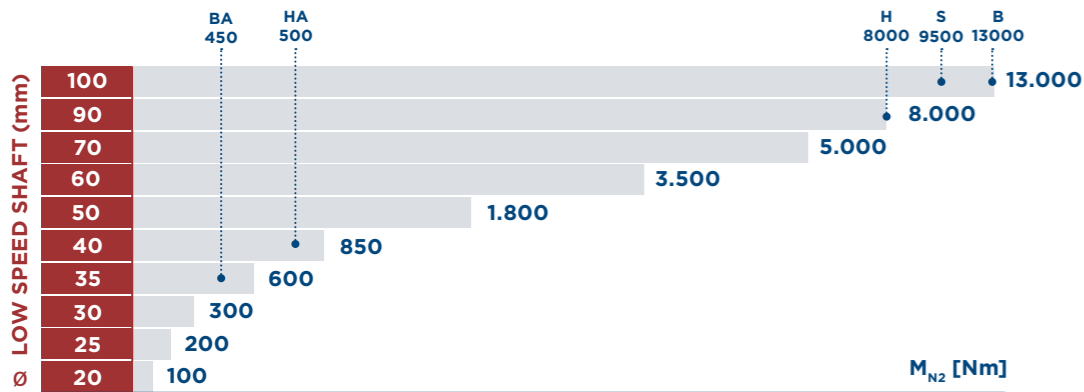
## Mid-Heavy Duty gearboxes



cast iron casing  
 low speed integral shaft from  $\varnothing$  100 up to  $\varnothing$  220  
 reduction stages 1, 2, 3, 4  
 ratios up to 636



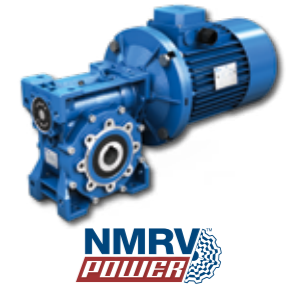
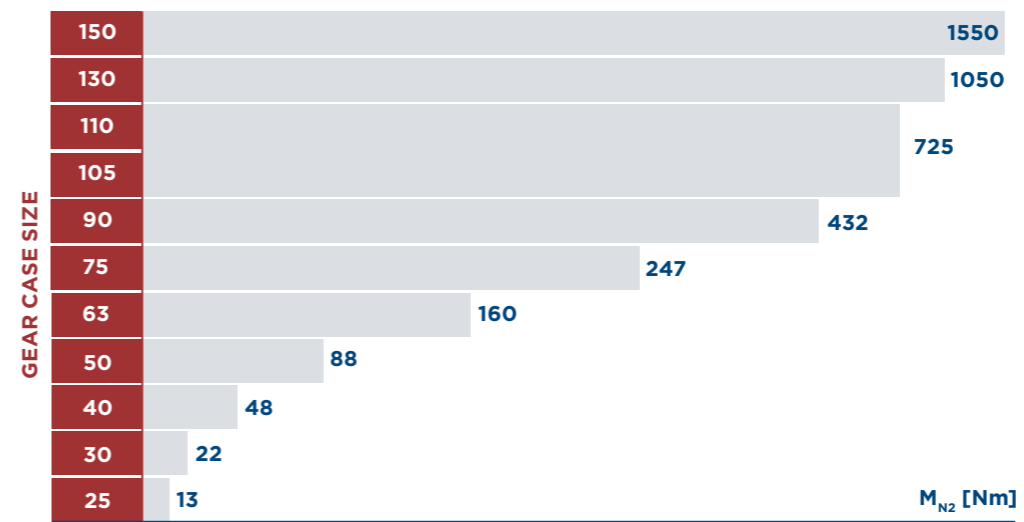
## Reducers and geared reducers



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



## Worm geared motors and gear reducers



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



## 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)  
 Mn2 up to 5.000



DRIVON	5,5	kW
L510S	11	
E510S	90	
A510S	315	
F510	600	

**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, PLc
- integrated field bus: **Modbus CANopen**
- optional field bus: **EtherCAT**, **PROFIBUS**, **PROFINET**, **EtherNet/IP**



**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



F510



A510S

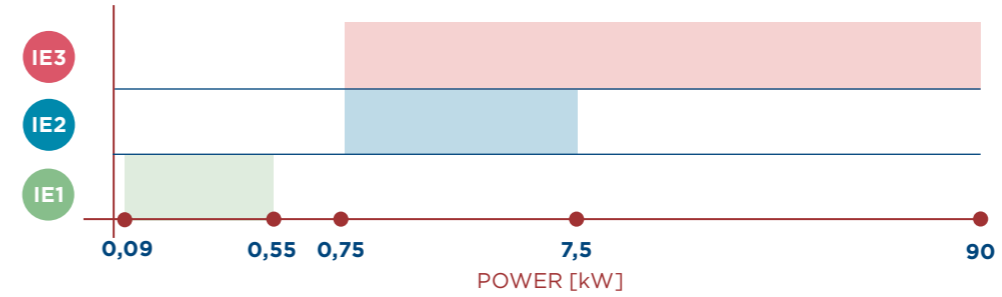


E510S



drivon

**EFFICIENCY**



- power up to 90 kW
- Ex** Atex ready
- poles 2, 4, 6
- brake, single phase, double polarity
- protection degree up to IP66



**Cast iron motors IEC**

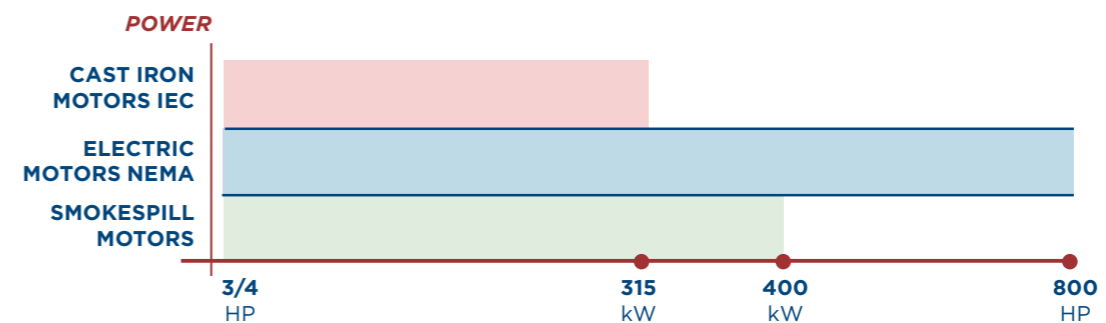
TECO IE3 Cast Iron squirrel cage induction motors are designed, manufactured and tested to meet the latest European and International Standards. The high quality and reliable construction, are ideally suitable for all industrial markets. Output range 0,75kW to 400kW with frame size 80 to 355. Under NEMA MG-1 design, the motor design meets NEMA Premium in output range 1HP to 420HP\* with metric frame size 80 to 315.

**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 that are suitable for any general purpose application and can meet most specific industrial requirements. 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 500HP.

**SMOKESPILL motors**

TECO's smokespill motors are designed & 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. Output KW from 0,75KW to 400KW with frame size 80 to 355.



# / Customer first /

## MYMOTOVARIO



### SALES PORTAL

The new service dedicated to Motovario customers and sales force



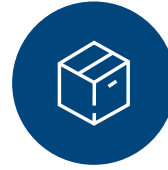
### CORPORATE

Access the Corporate Motovario area



### ACADEMY

To improve your knowledge and skills about Motovario products, check our online training



### MY PRODUCTS

Do you have a production order? Motovario products can be traced now



### M.A.C.

Provides the complete documentation and instructions for assembling the product



### ORDER TRACKING

Only few clicks to check the status of your orders



### PRODUCT SELECTION

Select your product using the new configuration tool: download the 2D/3D drawing and the datasheet



### DIGITAL SPARE PARTS

On the interactive map select: series, product type and gear reducer size, then choose the components you need



### TECHNICAL DATA

Read and download the catalogues, leaflets, manuals and software of all Motovario and Teco products



### STOCK AVAILABILITY

Motovario global warehouses at your disposal