



# CORPORATE & PRODUCTS

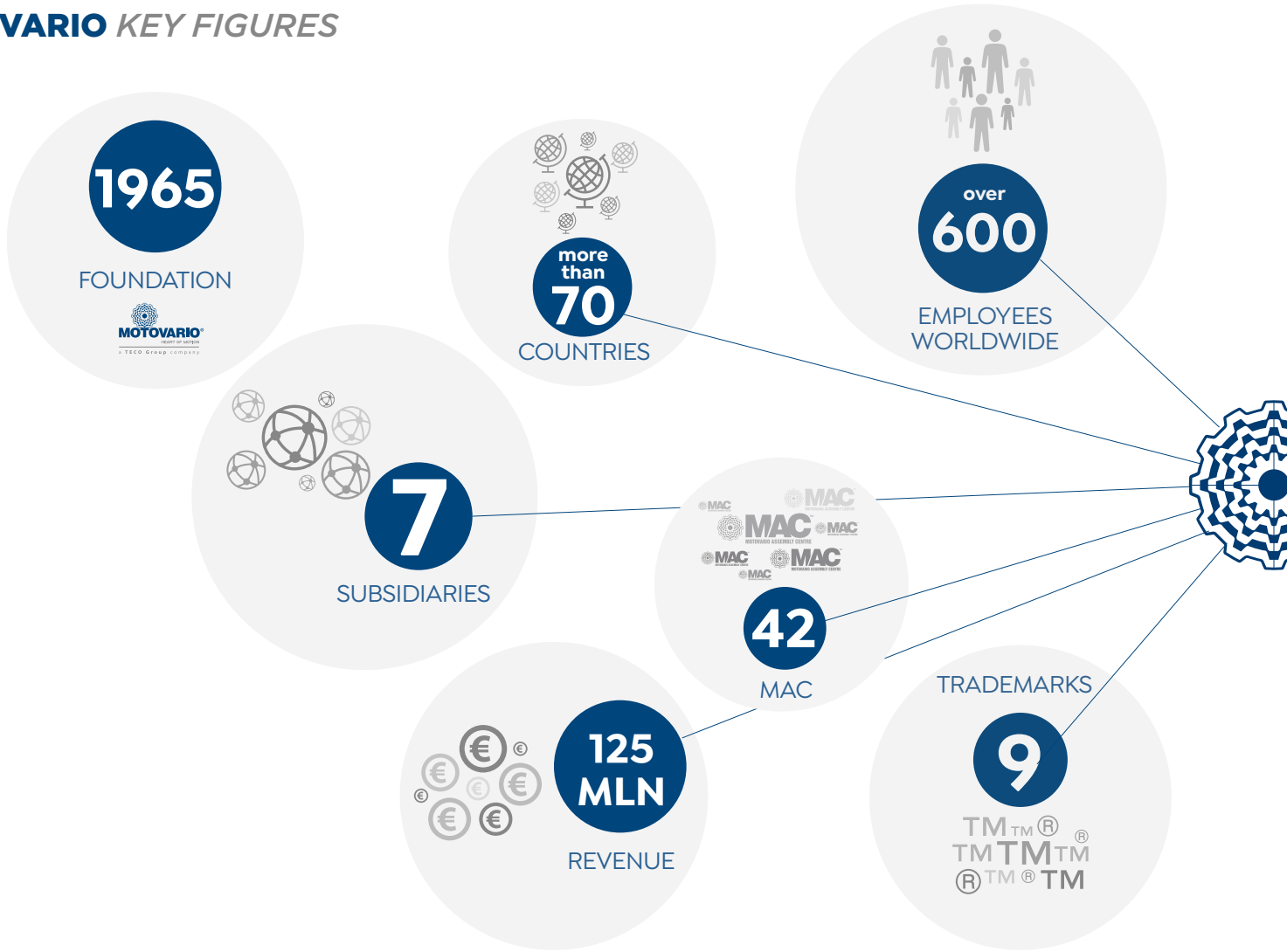


**MOTOVARIO®**

HEART OF MOTION

a **TECO Group** company

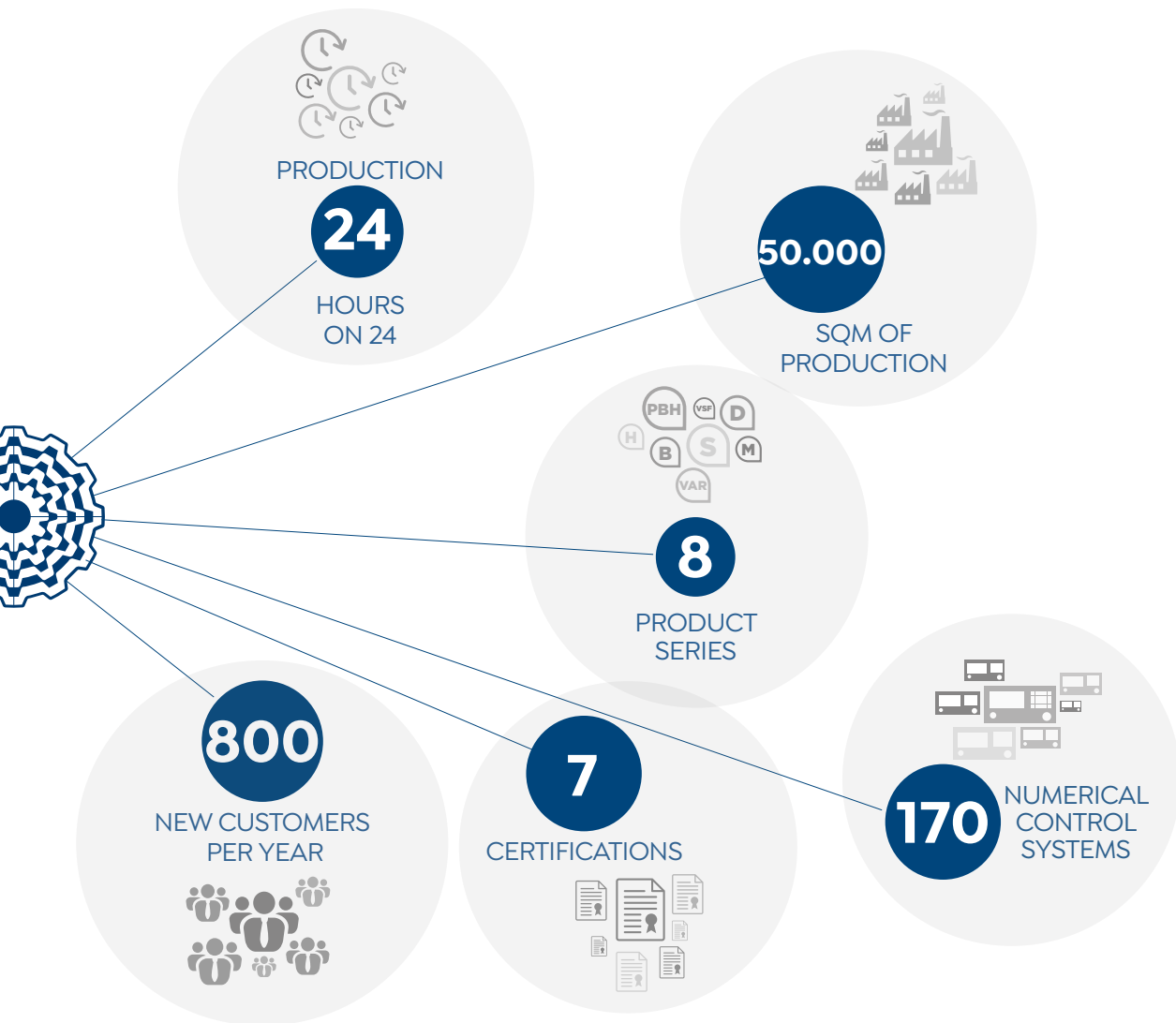
# MOTOVARIO KEY FIGURES



Motovario Corp is a an authorized Assembly Centre (MAC) and a subsidiary of our parent company Motovario Spa in Italy, a leading innovator in the development and provision of advanced technological solutions for power transmission needs. Quality and service are the values on which we base our commitment to providing our customers with the full range of Motovario products to meet their current and anticipated power transmission needs. Our goal is to satisfy the production-related requirements for our customers with products and services that continually surpass their expectations. We are always looking forward for inspiration to constantly improve our product. To assist us with our stated goals, we have implemented and will maintain a management system that meets the requirements of ISO 9001:2008. This system provides us with a means of monitoring and measuring our processes and performance, providing a framework for communication, training and the setting of appropriate objectives and targets for the continual improvement of our organization.

## HEADQUARTER | ITALY





Motovario offers a wide range of power transmission solutions to satisfy the most important industries: gearboxes and geared motors, helical models, bevel helical, parallel axis, worm gears, moreover the range is completed with variators, electric motors and electric drives.

The productions sites are located in Formigine and Ubersetto, both covering a total surface of 50,000 sqm: the high standard quality level of the Motovario solutions is the combination of specialized personnel, essential part of the manufacturing

process, and the most advanced systems present in the plant, both key elements of the new challenging 4.0 industry.

The uniqueness of the manufacturing site is the presence of its own heat treatment which guarantees the high quality standard by serving as an essential element for the total control of gear processing production.

The Motovario solutions are reliable, sturdy and flexible, the qualified answers to the requests of a more and more challenging global market.

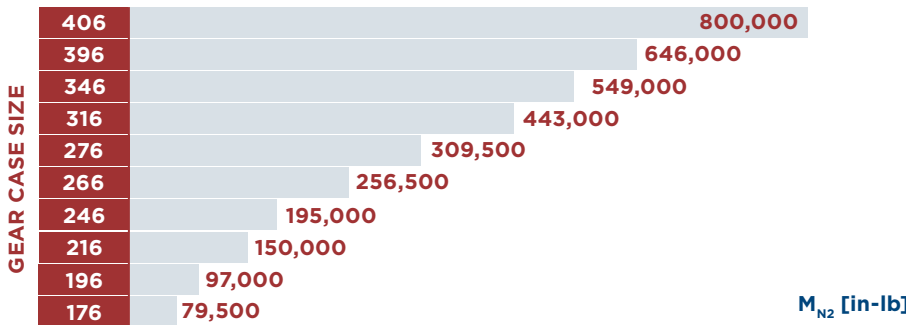
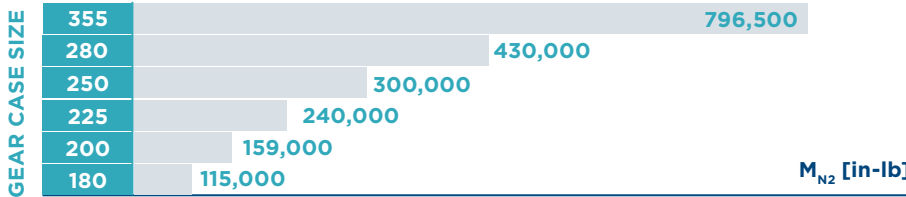
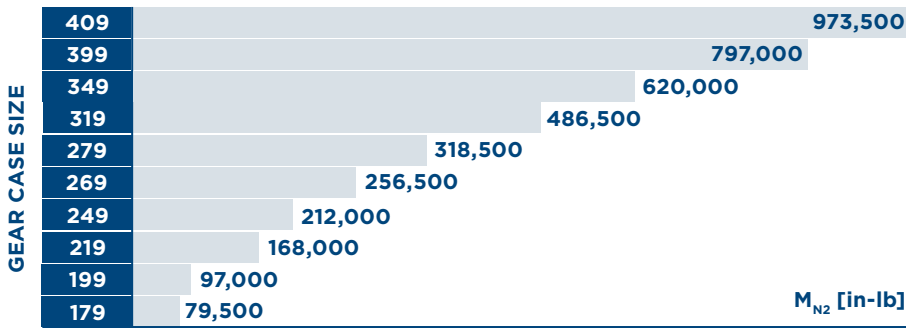
LOGISTIC | ITALY





## Mid-Heavy Duty Gearboxes

Parallel offset and bevel



cast iron casing

low speed integral shaft from  $\varnothing$  100 up to  $\varnothing$  220 mm

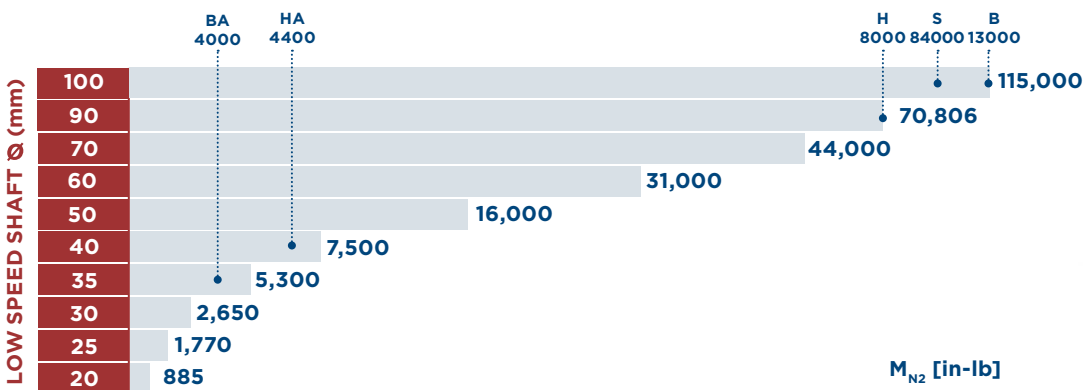
reduction stages 1, 2, 3, 4

ratios up to 636



## Reducers and Gearmotors

Cast Iron and Aluminum



cast iron or aluminum casing

Atex ready

low speed shaft from  $\varnothing$  0.75 in up to 4.375 in

motor power up to 75 HP

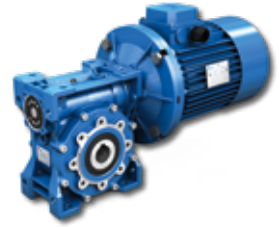
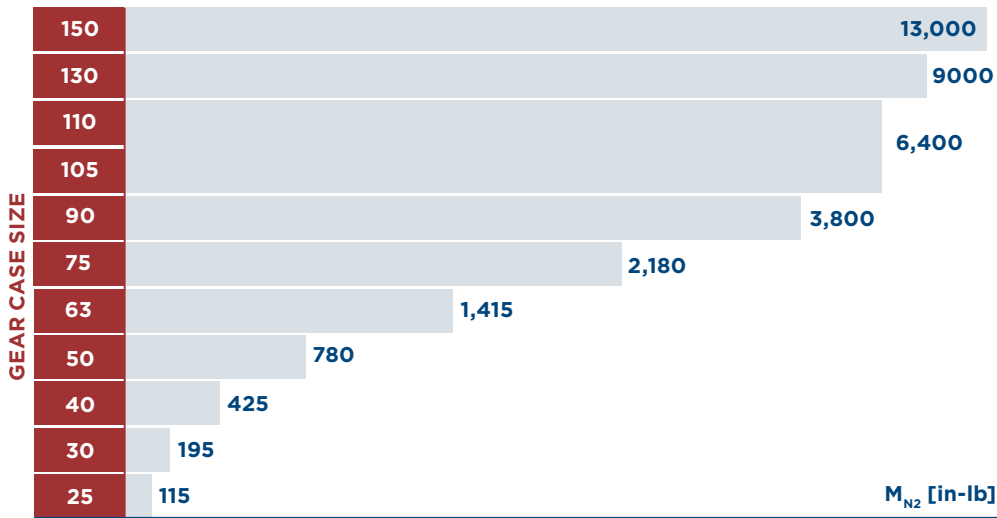
reduction stages 1, 2, 3

ratios up to 443



## Worm geared motors and gear reducers

Helical worm and combined worm



**NMRV®**  
**NRV®**

cast iron or aluminum casing

Atex ready

low speed shaft from  $\varnothing$  0.625 in up to 2 in

motor power up to 20 HP

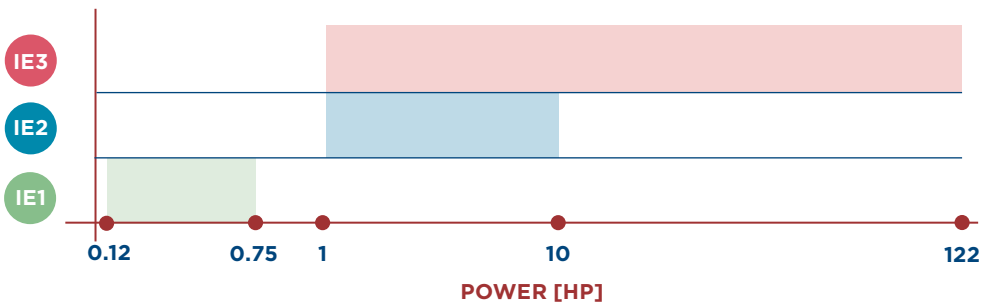
ratios up to 1,083



## AC Electric Motors

NEMA and IEC

### EFFICIENCY



power up to 122 HP

Atex ready

poles 2, 4, 6

brake, single phase, double polarity

protection degree up to IP66





## Drives

On-board and cabinet mount

<b>DRIVON</b>	7.5	HP
<b>LM16</b>	15	
<b>EM16</b>	25	
<b>AM16</b>	122	



drivon

### DRIVON - on-board drive

three phase and single phase power supply

high dynamic sensorless vector control

power up to 7.5 HP

standard integrated STO certified SIL3, PLe

integrated field bus:



optional field bus:



FUNCTIONAL SAFETY



### L510S - E510 - A510S - cabinet drive

compact, standard and premium/servo drive

protection degree IP20 - IP66

torque and speed regulation

PLC integrated functions



L510S



E510



A510S



## Motovariators and motovariator-gear reducers

cast iron or aluminum casing

compact version with helical gear reducer

Atex ready

power up to 12.5 HP

ratios from 1.5 to 7 (with reducers)

up to 44,250 in-lb





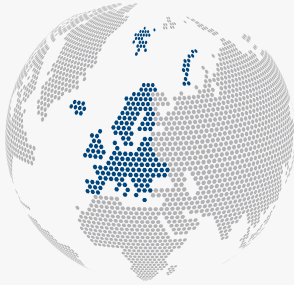
# SALES NETWORK



SUBSIDIARIES



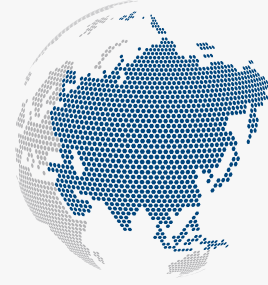
DEALERS



EUROPE



USA



ASIA



OCEANIA



SOUTH AMERICA



AFRICA

