



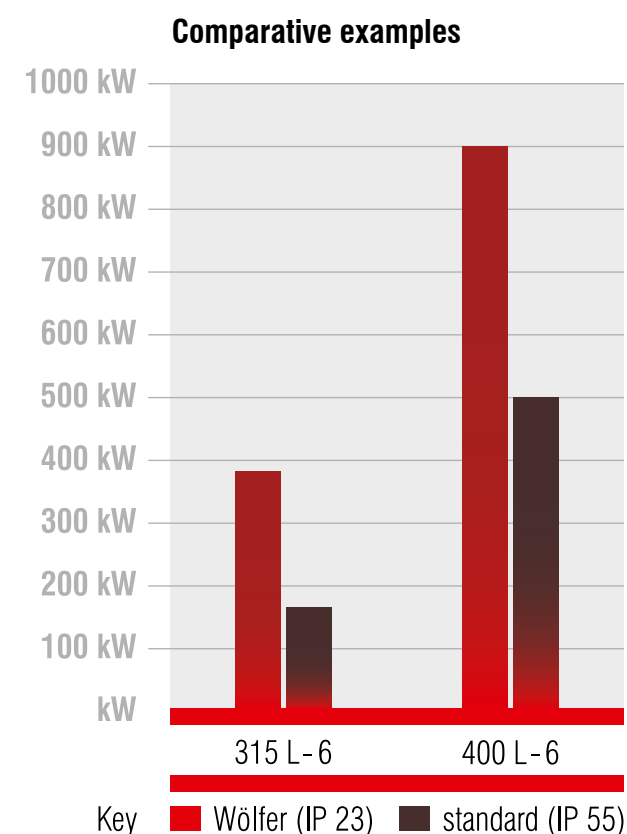
Wölfer moves the world



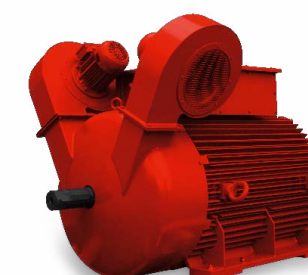
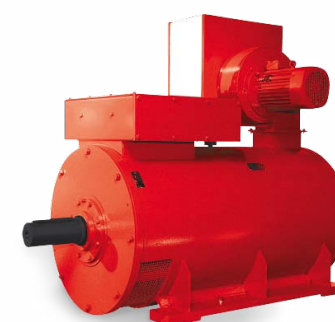
Franz Wölfer
Elektromaschinenfabrik
Osnabrück GmbH®

Technology, that moves your world

- Squirrel-cage and slip-ring motors
- Range of power 2,2 to 2100 kW
- Frame size 100 to 560 to IEC
- Degree of protection IP 23 to IP 56
- Rated voltages up to 690 V
- Self ventilation/forced ventilation/
totally enclosed non-ventilated
- Since april 2008, Wölfer has been
TÜV certified according to
DIN EN ISO 9001:2000 for its quality
management
- Wölfer has one of the most extensive
and modern load test systems for
electric motors



Three-phase-low-voltage motors
designed for customer requirements



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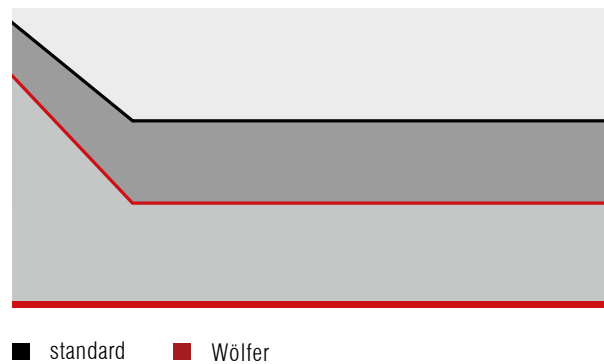
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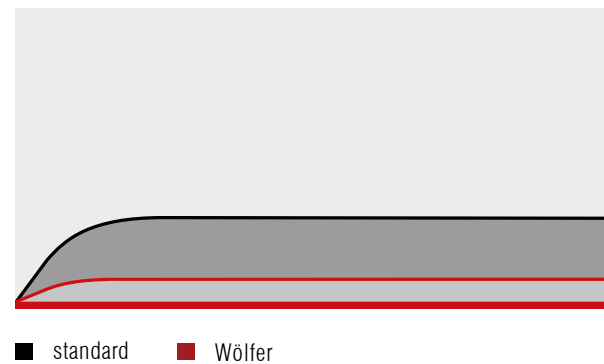
Franz Wölfer Elektromaschinenfabrik – What we do

- We apply our extensive experience and know-how to produce highly efficient motors for drive mechanism solutions
- For 70 years now Franz Wölfer Elektromaschinenfabrik has been developing and manufacturing durable, smooth-running electric motors
- Customers worldwide are convinced by our innovative products
- In the production of reliable motors we are a world leader in quality & technology
- We provide individually produced electric motors to meet your specifications

Life cycle costs



Service after commissioning



Range of application

Cranes for use in steelmills

- Overhead travelling cranes
- Gantry- and Jib-cranes

Cranes for use in/on Ships

- Floating cranes and Cable layers
- Bow or stern thrusters
- Winches

Cranes for use in Hoisting Equipment

- Container handling cranes
- Tower cranes

Other uses

- Stackers/Reclaimers
- Industrial washing machines
- Conveyor belts and Industrial mixers

Advantages of customer designed Wölfer-motors

- Robust design, but often smaller weight and frame size
- High pull-out torques ensure a secure range of speed far up into the range of field-weakening
- Excellent control characteristics, also in high range of speed
- Low moment of inertia, low starting current and short acceleration time
- The possibility to use smaller cables and inverters due to lower current
- Minimized service after commissioning
- Low life cycle costs
- The usage of specially designed rotors with special slots
- Reliable in the most demanding applications
- Customized design to fit in the same footprint and shaft elevation as existing older technology motors
- Reduced power consumption because of efficient design provides lower operating cost

IP 55 400V-50Hz – moment of inertia (kgm²)

