

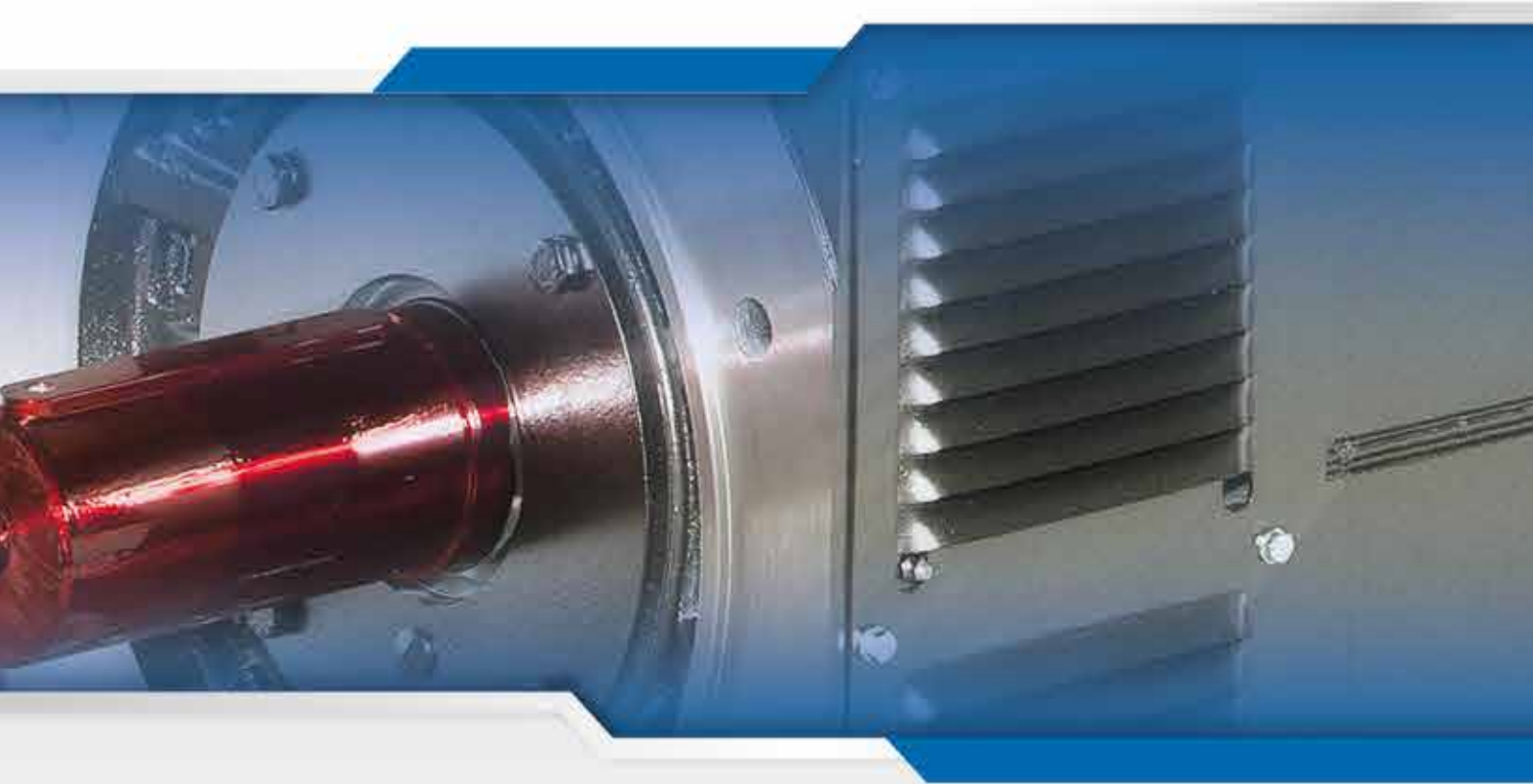


Renewable Energy

Energy Efficiency

Industrial Motors

Service & Maintenance



Power evolution



Renewable Energy



Mini-wind threephase synchronous generators with permanent magnets

- Multipolar SWCn series
- Direct coupling at low speed, no gearbox or pulley
- Power from 2 up to 200 kW
- Shaft height from 185 up to 710 mm



Hydroelectric threephase synchronous generators with permanent magnets

- Both inverter-duty or direct-on-line
- IP68 submersible option available
- Power from 10 up to 3000 kW
- Shaft height from 180 up to 710 mm



Maxi-wind & Custom projects

- Engineering of maxi-wind generators
- Supply of active parts and support during mounting/test
- Up to 3.000.000 Nm / Up to 5000 kW
- Up to 5.5 meters diameter

Products according to IEC60034

Products for inverter/converter duty (if not otherwise specified)

Various cooling & mounting options, accessories and customized solutions

Products / frames out of catalogue under request



Energy Efficiency



Threephase synchronous motors/generators with permanent magnets

- Super Premium Efficiency IE4 according IEC60034-30/31
- High performance square frame SQ series
- Power from 2.8 up to 1650 kW
- Shaft height from 100 up to 355 mm



Threephase synchronous reluctance motors/generators without permanent magnets

- Super Premium Efficiency IE4 according IEC60034-30/31
- Compact square frame SRQ series
- Power from 5 up to 500 kW
- Shaft height from 132 up to 280 mm



Threephase synchronous reluctance motors/generators, assisted by permanent magnets

- Super Premium Efficiency IE4 according IEC60034-30/31
- Very wide constant power range (flux weakening)
- Compact square frame ASR series
- Power from 50 up to 1100 kW
- Shaft height from 180 up to 355 mm



Threephase synchronous reluctance motors/generators, without permanent magnets

- Super Premium Efficiency IE4 according IEC60034-30/31
- Unel Mec round frame SRCa series
- Power from 0.55 up to 450 kW
- Shaft height from 80 up to 355 mm

Products according to IEC60034

Products for inverter/converter duty (if not otherwise specified)

Various cooling & mounting options, accessories and customized solutions

Products / frames out of catalogue under request



Industrial Motors



Threephase asynchronous squirrel cage motors/generators

- High performance square frame BQ series
- Power from 0.5 up to 3700 kW
- Shaft height from 80 up to 500 mm
- Also available: low inertia (AJ series), liquid cooled (AW series) and U.S./Canadian UL



Threephase synchronous torque motors with permanent magnets

- High torque density square frame SQ series
- Direct coupling at low speed, no gearbox or pulley
- Torque from 30 up to 12000 Nm
- Shaft height from 100 up to 355 mm
- Also available: low inertia, liquid cooled, hollow shaft versions



Direct current motors/generators

- High performance square frame P/ NP / RP series
- Power from 0.5 up to 2500 kW
- Shaft height from 80 up to 800 mm
- Also NEMA Standards (NE series, imperial standard dimensions)



Direct current heavy duty steel mill motors

- SM series (frames 802-804) with splittable steel frame
- ML series (frames 806-818) with laminated frame and compensating winding
- Power from 3 up to 500 kW
- AISE Standard No.1 (revised September 1968)



Direct current explosion proof motors

- Round frame C series
- Supply voltage from 110 up to 440 V (battery supply)
- IIB / IIC certificates by CESI
- EN60034 Stanrdads, 94/9/EC (ATEX Directive)
- IEC-Ex and EAC-Ex (ex Russia)

Products according to IEC60034

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Various cooling & mounting options, accessories and customized solutions

Products / frames out of catalogue under request



Service & Maintenance



Rail and industrial motors

- Revision and repairing of DC/AC and LV/MV motors
- Coil windings production, stator and rotor rewind
- Supplies of service for the main European producers and users



Original spare parts

- Brushes and brush-holders
- Bearings, brakes
- Blower and filters
- Tacho generators and encoders
- Commutators, shields, stator, rotor, coil, etc.



Sicme Motori

50 years experience in variable speed electric motors design and manufacture.

Four lines of products: Renewable Energy, Energy Efficiency, Industrial Motors, Service & Maintenance. With two modern facilities in Turin, Italy, supplies its products in 42 countries.

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