



Motorelli

MOTORS • DRIVES • GEARBOXES



**POWERING PROGRESS,
DRIVING EXCELLENCE**

Product Range

IE3 Electric Motors



- TEFC Cast Iron High Efficiency Electric Motors
- 0.55kw – 400kw in 230v/400v, 400v/690v and 550v/1000v
- 2, 4, 6 and 8 Pole
- TEFC Aluminium High Efficiency Electric Motors
- 0.18kw – 18.5kw in 230v/400v, 400v/690v and 550v/1000v
- 2, 4, 6 and 8 Pole
- Conforms to IEC 60034-30:1
- Larger Kw on request
- IP66 on request
- Copper Windings
- VPI (Vacuum pressure impregnation)
- Thru-Flush grease relief system (160 Frame and above)
- High quality bearings
- PTC standard (160 Frame and above)
- Meets MEPS requirements
- Extended warranty options



High/Medium Voltage Range

- TEFC and Fabricated Medium/High voltage
- Ratings from 300kw to 18mw at 3.3kv/ 6.6kv /11kv and 15kv
- Frame sizes ranging from 355mm to 1000mm
- Designed for maximum duty efficiency

Pad Mount Range

- TEAO Mine Spec Cast Iron frame
- Ratings from 11kw to 110kw at 400v/ 550v and 1000v
- Conforms to IEC standards and SABS approved
- IP66 enclosures & Class H insulation

MCC Enclosures & Motor Control Centre Panels



- Fully customisable Motor Control Centre panels
- VSD, DOL, Star-Delta and Soft Starter motor control options
- PID irrigation control panels for farming and pivot systems
- Larger MCC options available



Scrapper Winch Range

- High Torque, Heavy duty Steel Frame Mine Spec Motor
- Ratings from 37kw to 75kw at 550v and 1000v
- SABS and Anglo-American approved
- 2 Minute locked rotor time

Medium-Voltage Variable Speed Drives



- Power ratings from 200kW up to 10MW
- Voltage range: 3.3kV, 6.6kV and 11kV
- Total Harmonic Distortion below 2%
- Power factor above 97%
- System efficiency above 96%
- IEC, EMC and CE compliant
- Modular multi-cell topology design



Variable Speed Drives

- Ratings from 0.75kw to 2.2mw at 230v/400v/550v and 1000v
- High Starting Torque for Low Speed with simply PLC programming
- Diverse control modes include SFVC, CLVC, OLVC and V/F control
- Complies with European standards including LVD, EMC and carries the CE mark

Single Phase Range



- TEFC Aluminium frame
- Ratings from 0.18kw to 5.5kw at 220v
- IP55 enclosures & Class F insulation
- Start and Run Capacitors for High Starting Torque



Right Angle Worm Gearbox

- Ratings from 0.18kw to 15kw
- Ratios from 7.5:1 to 100:1
- Available with Torque Arms and Output Flanges
- Robust Design

Other Products

AC/DC Brake, Cooling Tower, Two-Speed, Flame/Explosion/Spark-Proof, Vibrator and Stainless Steel Electric Motors. In-Line, Right Angle Helical, Shaft Mount Gearboxes.



Humble Beginnings, Industrial Expertise.

Motorelli was founded in 1996 as a family business in Cape Town. Since then, we have grown into one of South Africa's leading suppliers of Electric Motors, Variable Speed Drives and Gearboxes. Today, we serve customers across South Africa and throughout Africa.

From the beginning, our focus has been simple: deliver reliable products, expert advice and dependable technical support.

Over the years, Motorelli has expanded its footprint across South Africa. We now operate multiple branches and supply a wide range of industrial electric motors and drive solutions.

Our motors are manufactured in a high-tech facility in China that spans more than 25 000 square metres. The factory follows strict international standards, including IEC, ISO, SABS, CCC, CECP and CE compliance.

Because different industries require different specifications, we carefully define materials, dimensions and performance standards during manufacturing. As a result, our products are specifically designed for South African mining, agriculture, OEM, industrial, marine and HVAC markets.

Quality remains central to everything we do. Our automated production lines use advanced machinery, testing equipment and strict quality control systems.

In addition, our full product range meets SABS 1804 certification requirements. This ensures consistent performance, safety and reliability across all our Electric Motors, VSD's and Gearbox solutions.

JOHANNESBURG

No 6 Proton Industrial Park,
Proton Street, Chloorkop
T: +27 11 892 1289
E: johannesburg@motorelli.co.za

CAPE TOWN

113 Kyalami Drive,
Killarney Gardens
T: +27 21 556 4376
E: info@motorelli.co.za

DURBAN

3 Sugarbush Place,
10 Sugarbush Crescent,
Westmead
T: +27 31 700 5145
E: durban@motorelli.co.za

RUSTENBURG

95B, Hefer Street, Unit 6, East End,
Rustenburg
T: +27 14 596 7063
E: rustenburg@motorelli.co.za

POSTAL: PO Box 23445, Claremont, 7735

 @MotorelliEM  @MotorelliEM  @MotorelliEM

www.motorelli.co.za

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YEARS
OF INDUSTRIAL
EXCELLENCE