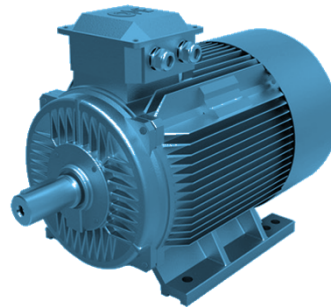




ELECTRIC MOTORS



fluidglobalsolutions.com
sales@fluidglobasolutions.com



WELCOME TO FGS! THE EXPERTISE THAT FLOWS

At Fluid Global Solutions, we specialise in **pumps, electric motors, and integrated services**, delivering complete units, spare parts, and overhaul solutions for a wide range of industries. Whether standard or custom-built, all our products are designed to ensure outstanding reliability, combining top-tier quality with exceptional performance.

We take pride in what we do and are committed to providing the highest level of service, every step of the way.

Our offering includes standard pump solutions for multiple sectors, alongside tailor-made systems explicitly engineered for the maritime and industrial markets — areas in which we've built deep expertise over more than a decade.

Driven by a flexible mindset, an extensive global network, and a focus on continuous innovation, we're always ready to deliver innovative, agile, and personalised solutions that adapt to our customers' evolving needs — worldwide.



8

**Agents & Distributors
worldwide**

3000

**Clients
globally**

5000

**Purchase orders
processed per year**

4500

**Shipments
per year**

10000

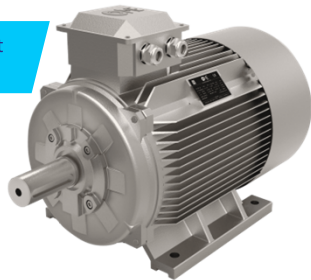
**Components
ready in stock**





Standard Electric Motors

Aluminium or cast iron body



IEC STANDARD – THREE-PHASE LOW VOLTAGE ELECTRIC MOTORS

Removable and reversible aluminium frame.

Rated power: up to 1000KW (higher on request).

Rated Voltage: from 230V up to 690V.

Poles: 2, 4, 6, 8.

Efficiency Class: IE1, IE2, IE3, IE4.

Frequency: 50HZ, 60HZ, suitable for working under VFD.

Cooling method: IC 411, IC 416.

Ambient temperature: -15°C up to +40°C (55° on request).

Frame size: from H56 to H560.

Protection Class: IP 55, IP 56, IP 65, IP 66.



OMPM Series – PERMANENT MAGNET SYNCHRONOUS ELECTRIC MOTORS

Rated Power: from 0.75KW up to 2500KW

Rated Voltage: from 230V up to 690V.

Poles: 2, 4, 6, 8.

Efficiency Class: IE4.

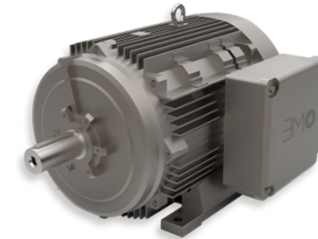
Frequency: 50Hz, 60Hz, suitable for working under VFD.

Cooling method: IC 411.

Ambient temperature: -15°C up to +40°C (55° on request).

Frame size: from H80 to H450.

Protection Class: IP 55, IP 56, IP 65.



OMN Series – THREE-PHASE LOW VOLTAGE NEMA ELECTRIC MOTORS

Rated Power: from 0.75KW up to 375KW

Rated Voltage: from 230V up to 575V.

Poles: 2, 4, 6, 8.

Frequency: 50Hz, 60Hz, suitable for working under VFD.

Cooling method: IC 411, IC 416.

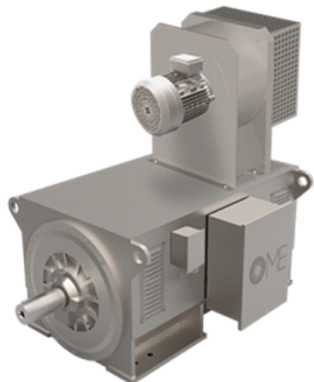
Ambient temperature: -15°C up to +40°C (55° on request).

Frame size: from H143 to H587

Protection Class: IP 54, IP 55.



Motors for Special Applications



OMDC Series – DC MOTORS

Rated Power: from 2.2KW up to 2000KW (bigger on request).

Rated Voltage: from 220V to 1000V (bigger on request).

Poles: 2, 4, 6, 8.

Cooling method: IC 06, IC 17, IC37, IC 86W, IC 666.

Ambient temperature: -15°C up to +40°C (55° on request).

Frame size: from H100 to H800 (bigger on request).

Protection Class: IP 23, IP 66.



OMRT Series – ROLLER TABLE ASYNCHRONOUS MOTORS

Rated Power: up to 250 KW.

Rated Voltage: from 220/380V, 230/400V, 380/660V, 400/690V.

Poles: 2, 4, 6, 8, 10, 12, 14, 16.

Frequency: 50Hz, 60Hz, suitable for working under VFD.

Cooling method: IC 410, IC 411.

Ambient temperature: -15°C up to +40°C (55° on request).

Frame size: from H112 to H400.

Protection Class: IP 55, IP 66.



OMS Series – SMOKE EXTRACTION ELECTRIC MOTORS

Rated Power: from 0.18KW up to 630 KW.

Rated Voltage: 220V, 230V, 240V, 380V, 400V, 415V, 440V, 460V, 480V.

Poles: 2, 4, 6, 8.

Frequency: 50Hz, 60Hz, suitable for working under VFD.

Cooling method: IC 410, IC 411.

Ambient temperature: F250 (2h), F300 (2h), F400 (2h).

Frame size: from H63 to H400.

Protection Class: IP 55.



Generators

Rated Power: from 160KW up to 320KW.

Rated Voltage: 400/6600V.

Frequency: 50Hz, 60Hz, suitable for working under VFD.

Cooling method: IC 01, IC 611, IC 810W.

Ambient temperature: -15°C up to +40°C (55° on request).

Frame size: from H315 to H710.

Protection Class: IP 55.



SYNCHRONOUS AND ASYNCHRONOUS MOTORS

Rated Power: from 185KW up to 15MW.

Rated Voltage: from 3KV up to 15KV.

Frequency: 50HZ, 60HZ, suitable for working under VFD.

Poles: 2, 4, 6, 8 up to 40.

Cooling method: IC 01, IC 411, IC 416, IC 616, IC 666, IC 81W.

Ambient temperature: -15°C up to +40°C (55° on request).

Frame size: from H355 to H1120.

Protection Class: IP 55, IP 56, IP 65, IP 23.

High Voltage Motors



OMA Series – THREE-PHASE SLIP RING ELECTRIC MOTORS

Rated Power: from 250KW up to 8000KW.

Rated Voltage: from 230V up to 13800V.

Frequency: 50HZ, 60HZ, suitable for working under VFD.

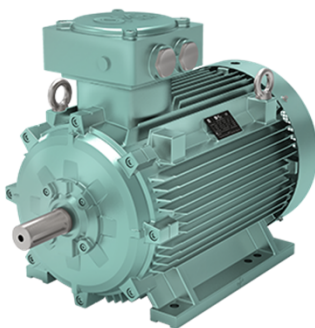
Poles: 2, 4, 6, 8, 10, 12, 14, 16.

Cooling method: IC 611, IC 616, IC 666, IC 511, IC 411.

Ambient temperature: -15°C up to +40°C (55° on request).

Frame size: from H355 to H1000.

Protection Class: IP 55.



OMEX SERIES - THREE-PHASE EXPLOSION PROOF LOW VOLTAGE ELECTRIC MOTORS ATEX CERTIFIED

Atex Category: II 2G Ex db IIB T4 Gb, 11 2D Ex db IIIC (125°) Db, II 2G Ex IIC T4 Gb, II 2G Ex db IIB + h2 t4 Db, II 2G Ex db IIC T4 Dc.

Group: B and C.

Rated Power: from 0.75KW up to 315KW.

Rated Voltage: 380V, 400V, 660V, 690V.

Poles: 2, 4, 6, 8.

Efficiency Class: IE1, IE2, IE3.

Frequency: 50HZ, 60HZ, suitable for working under VFD.

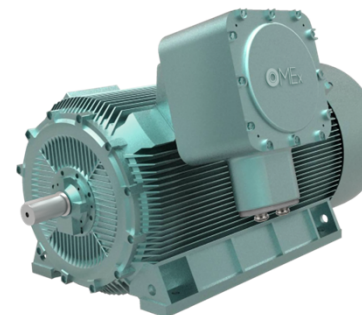
Cooling method: IC 411, IC 416.

Ambient temperature: -20°C up to +40°C (55° on request).

Frame size: from H80 to H355.

Protection Class: IP 65, IP 66.

Explosion Proof Motors



OMEX SERIES - THREE-PHASE EXPLOSION PROOF HIGH VOLTAGE ELECTRIC MOTORS ATEX CERTIFIED

Atex Category: II 2G Ex db IIB T4 Gb, II 2G Ex db IIC T4 Gb.

Group: B and C.

Rated Power: from 160KW up to 5000KW.

Rated Voltage: 3KV, 6KV, 6.6KV, 10KV, 11KV.

Poles: 2, 4, 6, 8...up to 20.

Efficiency Class: IE1, IE2, IE3.

Frequency: 50HZ, 60HZ, suitable for working under VFD.

Cooling method: IC 411, IC 416, IC 511.

Ambient temperature: -20°C up to +40°C (55° on request).

Frame size: from H315 to H710.

Protection Class: IP 65, IP 66.



Hygienic Electric Motors



OMIG SERIES: HYGIENIC ELECTRIC MOTORS FOR THE FOOD AND PHARMACEUTICAL INDUSTRY

"Hy-Cleaning" aluminium motors for food, pharmaceutical, and other applications requiring extreme cleanliness and frequent washing.

Materials: AISI316L, stainless steel Hy-Cleaning.

Rated Power: up to 2.2KW (higher on request).

Rated Voltage: from 230V up to 690V.

Poles: 2, 4.

Efficiency Class: IE4.

Frequency: 50HZ, 60HZ, suitable for working under VFD.

Cooling method: IC 410.

Frame size: from H56 to H90.

Protection Class: IP 69k.



Our services

THE QUALITY YOU WANT, THE SERVICE YOU DESERVE.

- **MAINTENANCE & OVERHAULING** - Overhaul pumps, purifiers & mechanical seals in our workshop, onboard or at customers' premises.
- **OVERHAULING ELECTRIC MOTORS CENTER** - Maintenance & Overhaul of electric motors.
- **REVERSE ENGINEERING** - Reverse engineering, machine design and pumps customisation.
- **TESTING** - Fluid dynamic tests on pumps, attended tests and balancing of impellers and rotors.



WHY CHOOSE FGS?

- **DECADES OF EXPERIENCE** - Profound technical know-how in pumping inert liquids, boiler feeding, and hydrocarbon handling — even in extreme conditions.
- **OPERATIONAL FLEXIBILITY** - Agile processes tailored to your needs.
- **GLOBAL SALES NETWORK** - Reach across markets, with strong local expertise.
- **RESPONSIVE AND CUSTOMER-FOCUSED LOGISTICS** - Swift order handling tailored to customer needs.
- **QUALITY ASSURED (ISO 9001).**



THANK YOU

fluidglobalsolutions.com
sales@fluidglobasolutions.com

