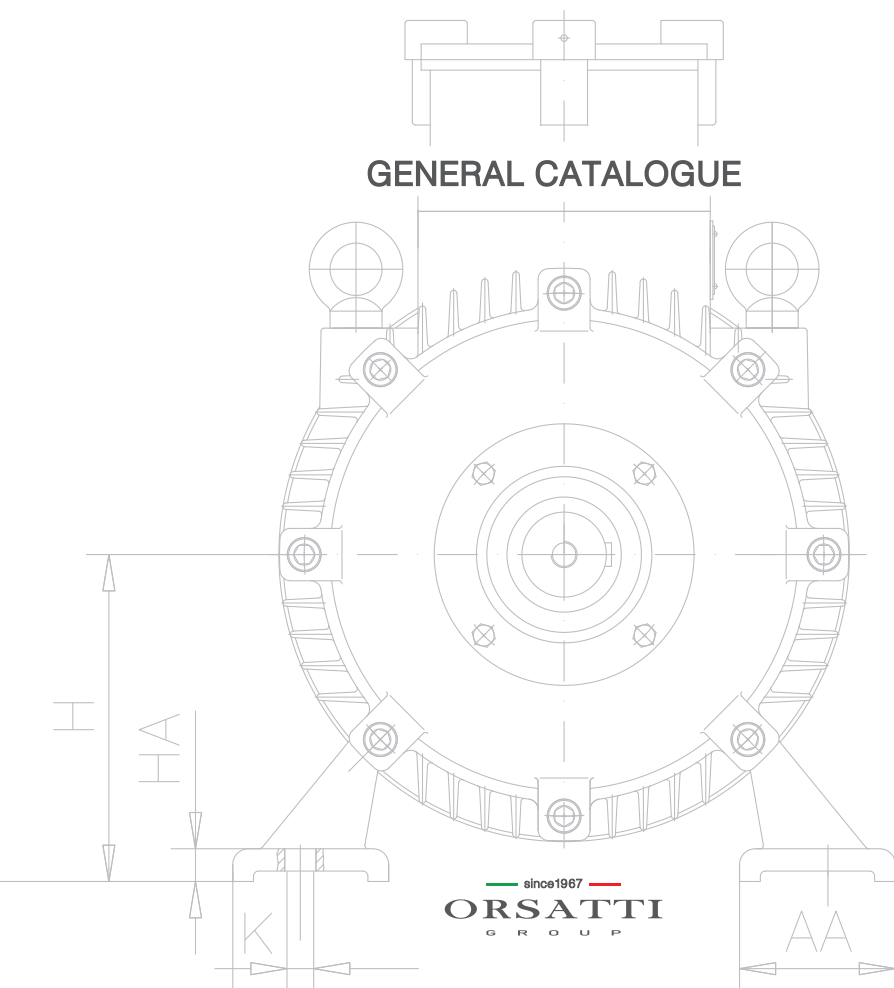


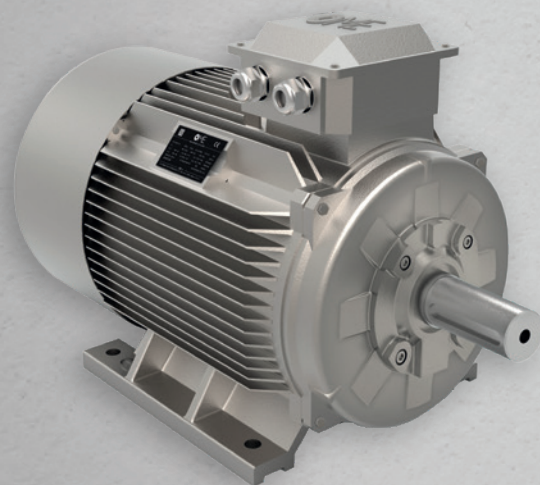


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GENERAL CATALOGUE

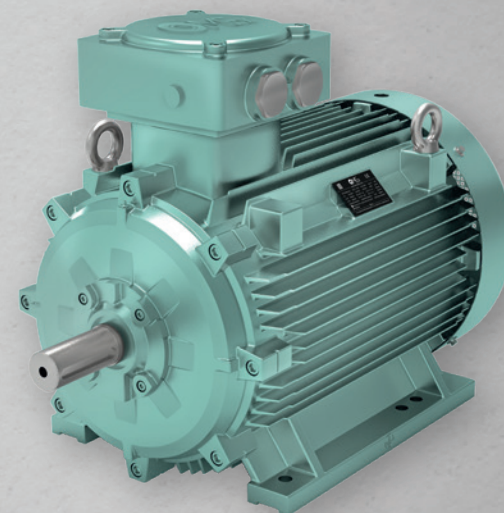


— since 1967 —
ORSATTI
GROUP



Electric Motors for SAFE AREA

Low, Medium,
High Voltage



Electric Motors for HAZARDOUS AREA

Explosion Proof
ATEX Certified

Power Plants



Wind Power Generation



Water System Purification



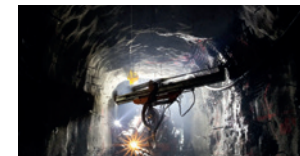
Petrochemical Industries



Cement



Mines



Cogeneration



Steel Mill



Sugar Industry



Oil and Gas



Food, Beverage and Pharmaceutical



Air-Treatment



STANDARD ELECTRIC MOTORS



IEC STANDARD - THREE-PHASE LOW VOLTAGE ELECTRIC MOTORS

REMOVABLE AND REVERSIBLE FEET FOR ALUMINIUM FRAME

- **RATED POWER:** up to 1000kW (higher on request)
- **RATED VOLTAGE:** from 230V to 690V
- **POLES:** 2, 4, 6, 8
- **ENERGY CLASS:** IE1, IE2, IE3, IE4
- **FREQUENCY:** 50Hz, 60Hz, suitable to work under VFD
- **COOLING METHOD:** IC 411, IC 416
- **AMBIENT TEMPERATURE:** -15 +40 °C (55°C on request)
- **FRAME SIZE:** from H56 to H560
- **PROTECTION CLASS:** IP 55, IP 56, IP 65, IP 66



Aluminium Body



Cast iron Body

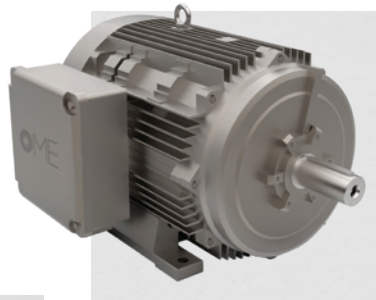
OMPM Series - PERMANENT MAGNET SYNCHRONOUS ELECTRIC MOTORS

- **RATED POWER:** from 0.75kW to 2500kW
- **RATED VOLTAGE:** from 230V to 690V
- **POLES:** 2, 4, 6, 8
- **EFFICIENCY CLASS:** IE4
- **FREQUENCY:** 50Hz, 60Hz, suitable to work under VFD
- **COOLING METHOD:** IC 411
- **AMBIENT TEMPERATURE:** -15 +40 °C (55°C 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 to 375kW
- **RATED VOLTAGE:** from 230V up to 575V
- **POLES:** 2, 4, 6, 8
- **FREQUENCY:** 50Hz, 60Hz, suitable to work under VFD
- **COOLING METHOD:** IC 411, IC 416
- **AMBIENT TEMPERATURE:** -15 +40 °C (55°C on request)
- **FRAME SIZE:** from H143 to H587
- **PROTECTION CLASS:** IP54, IP 55

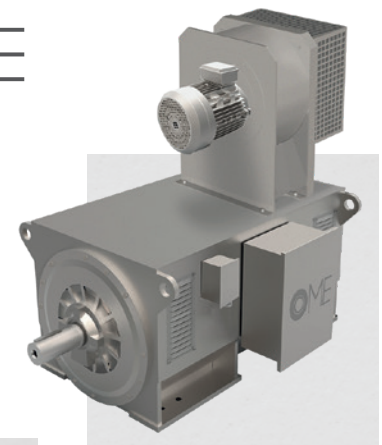


SPECIAL APPLICATION



OMDC Series - DC MOTORS

- **RATED POWER:** from 2.2kW 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, IC 37, IC 86W, IC 666
- **AMBIENT TEMPERATURE:** -15 +40 °C (55°C on request)
- **FRAME SIZE:** from H100 to H800 (bigger on request)
- **PROTECTION CLASS:** IP 23, IP 55



OMRT Series - ROLLER TABLE ASYNCHRONOUS MOTORS

- **RATED POWER:** up to 250kW
- **RATED VOLTAGE:** 220/380V, 230/400V, 380/660V, 400/690V
- **POLES:** 2, 4, 6, 8, 10, 12, 14, 16
- **FREQUENCY:** 50Hz, 60Hz, suitable to work under VFD
- **COOLING METHOD:** IC 410, IC 411
- **AMBIENT TEMPERATURE:** -15 +40 °C (55°C 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 to 630kW
- **RATED VOLTAGE:** 220V, 230V, 240V, 380V, 400V, 415V, 440V, 460V, 480V
- **POLES:** 2, 4, 6, 8
- **EFFICIENCY CLASS:** IE1, IE2, IE3
- **FREQUENCY:** 50Hz, 60Hz, suitable to work under VFD
- **COOLING METHOD:** IC 410, IC 411
- **AMBIENT TEMPERATURE:** F250 (2 h), F300 (2 h), F400 (2 h)
- **FRAME SIZE:** from H63 to H400
- **PROTECTION CLASS:** IP 55



GENERATORS

- **RATED POWER:** from 160kW to 3250kW
- **RATED VOLTAGE:** 400/6600V
- **FREQUENCY:** 50Hz, 60Hz, suitable to work under VFD
- **COOLING METHOD:** IC 01, IC 611, IC 81W
- **AMBIENT TEMPERATURE:** -15 +40 °C (55°C on request)
- **FRAME SIZE:** H315 to H710
- **PROTECTION CLASS:** IP 55

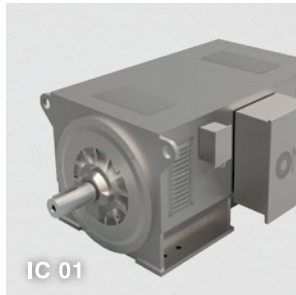


HIGH VOLTAGE MOTORS



SYNCHRONOUS AND ASYNCHRONOUS MOTORS

- **RATED POWER:** from 185kW up to 15MW
- **RATED VOLTAGE:** from 3 kV to 15kV
- **FREQUENCY:** 50Hz, 60Hz, suitable to work under VFD
- **POLES:** 2, 4, 6, 8... up to 40
- **COOLING METHOD:** IC 01, IC 411, IC 416, IC 611, IC 616, IC 666, IC 81W
- **AMBIENT TEMPERATURE:** -15 +40 °C (55°C on request)
- **FRAME SIZE:** from H355 to H1120
- **PROTECTION CLASS:** IP55, IP56, IP65, IP 23



IC 01

OMVP



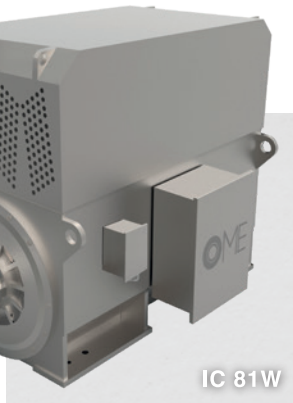
IC 411

OMV



IC 611

OMVK



IC 81W

OMVKS

OMA Series - THREE-PHASE SLIP RING ELECTRIC MOTORS

- **RATED POWER:** from 250kW to 8000kW
- **RATED VOLTAGE:** from 230 V to 13800 V
- **POLES:** 2, 4, 6, 8, 10, 12, 14, 16
- **FREQUENCY:** 50Hz, 60Hz, suitable to work under VFD
- **COOLING METHOD:** IC 611, IC 616, IC 666, IC 511, IC 411
- **AMBIENT TEMPERATURE:** -15 +40 °C (55°C on request)
- **FRAME SIZE:** from H355 to H1000
- **PROTECTION CLASS:** IP 55



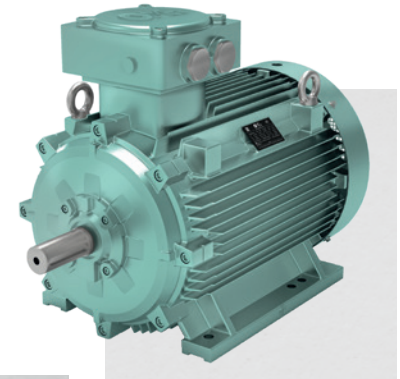
EXPLOSION PROOF MOTORS



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



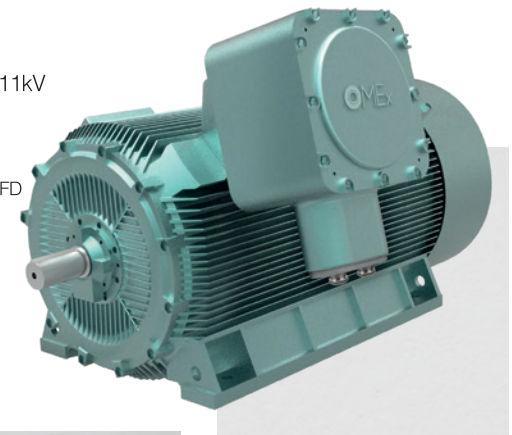
- **ATEX CATEGORY:** II 2G Ex db IIB T4 Gb,
II 2D Ex tb IIIC (125°) Db,
II 2G Ex db IIC T4 Gb,
II 2G Ex db IIB +H2 T4 Db
II 2G Ex db IIC T4 Dc
- **GROUP:** B and C
- **RATED POWER:** from 0.75kW to 315kW
- **RATED VOLTAGE:** from 380V, 400V, 660V, 690V
- **POLES:** 2, 4, 6, 8
- **EFFICIENCY CLASS:** IE1, IE2, IE3
- **FREQUENCY:** 50Hz, 60Hz, suitable to work under VFD
- **COOLING METHOD:** IC 411, IC 416
- **AMBIENT TEMP.:** -20 +40 °C (55°C on request)
- **FRAME SIZE:** from H80 to H355
- **PROTECTION CLASS:** IP 65, IP 66



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



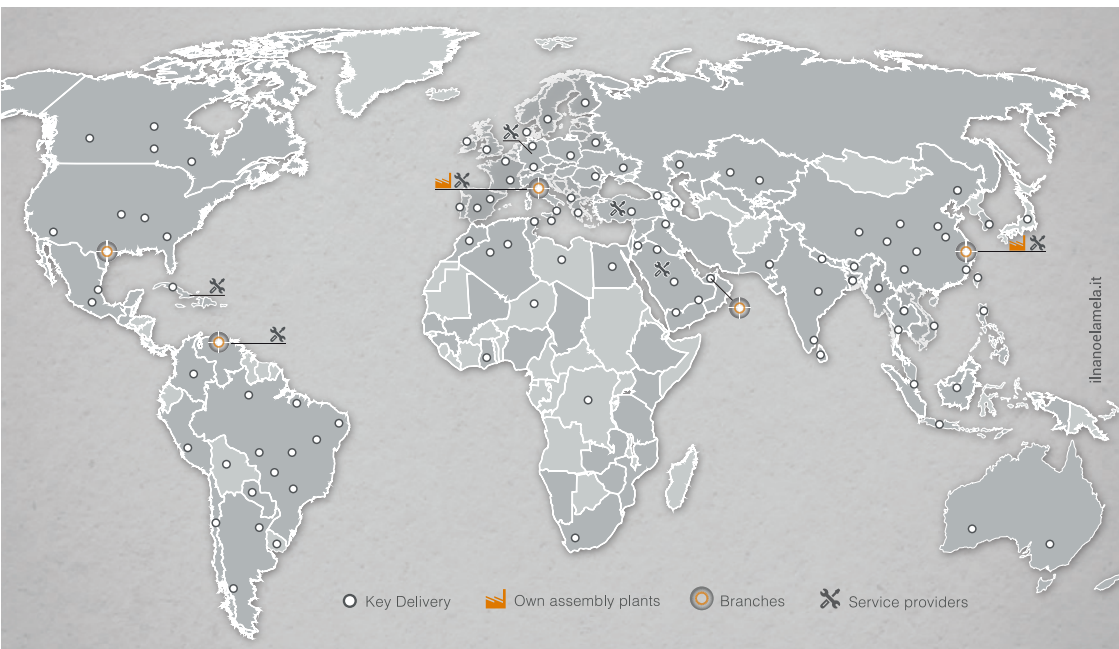
- **ATEX CATEGORY:** II 2G Ex db IIB T4 Gb - II 2G Ex db IIC T4 Gb
- **GROUP:** B and C
- **RATED POWER:** from 160kW to 5000kW
- **RATED VOLTAGE:** from 3kV, 6kV, 6.6kV, 10kV, 11kV
- **POLES:** 2, 4, 6, 8, 10... up to 20
- **EFFICIENCY CLASS:** IE1, IE2, IE3
- **FREQUENCY:** 50Hz, 60Hz, suitable to work under VFD
- **COOLING METHOD:** IC 411, IC 416, IC 511
- **AMBIENT TEMP.:** -20 +40 °C (55°C on request)
- **FRAME SIZE:** from H315 to H710
- **PROTECTION CLASS:** IP 65, IP 66





ELECTRIC MOTORS

OME IN THE WORLD



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Warehouse / Sede Operativa - Via Niccolò Tartaglia N. 6/B - 25064 GUSSAGO (BS)

Plant Site / Sito Produttivo - Via Mattei N. 251-253 - 25080 NUVOLERA (BS)

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