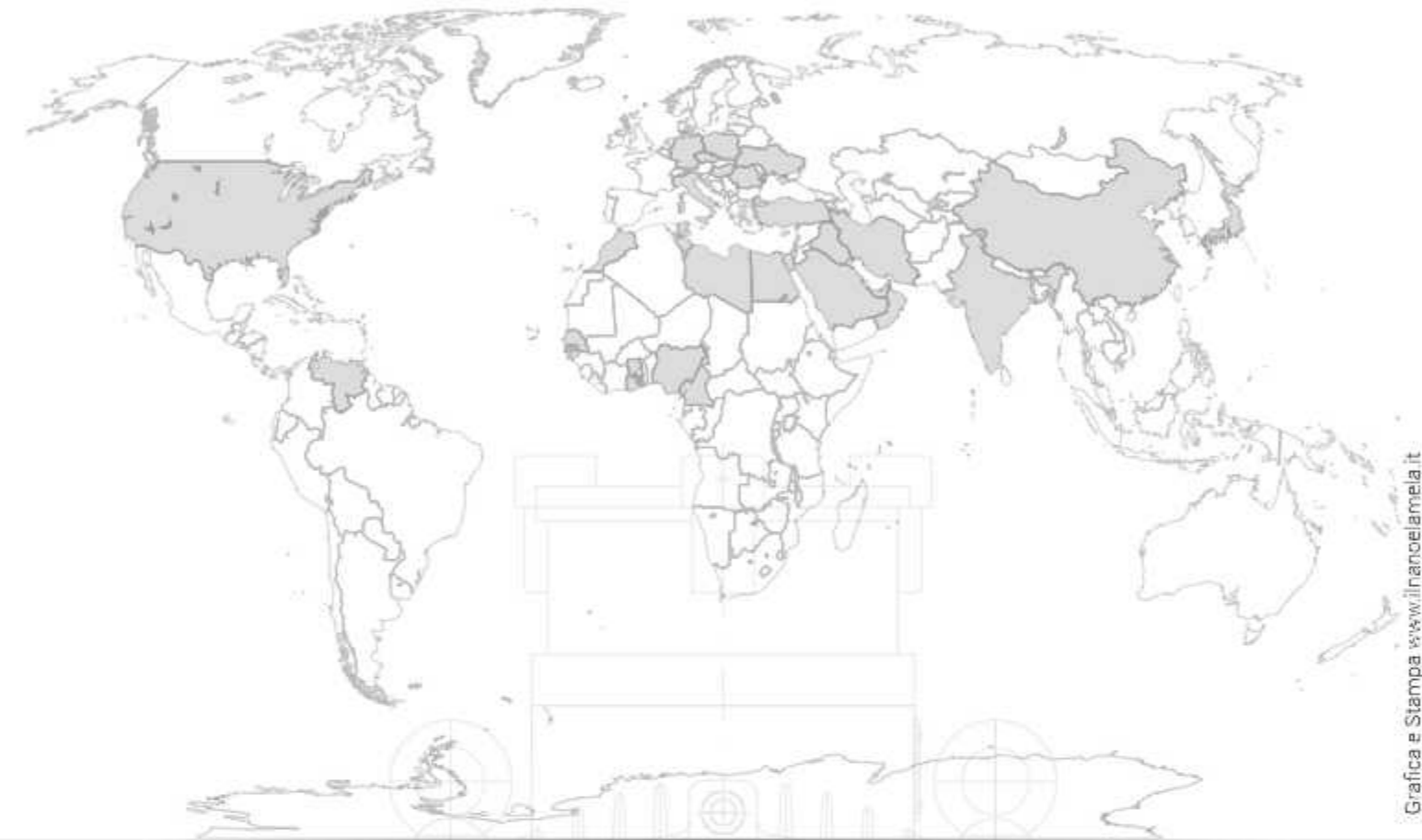




Explosion Proof Electric Motors



Grafica e Stampa www.linancelamela.it

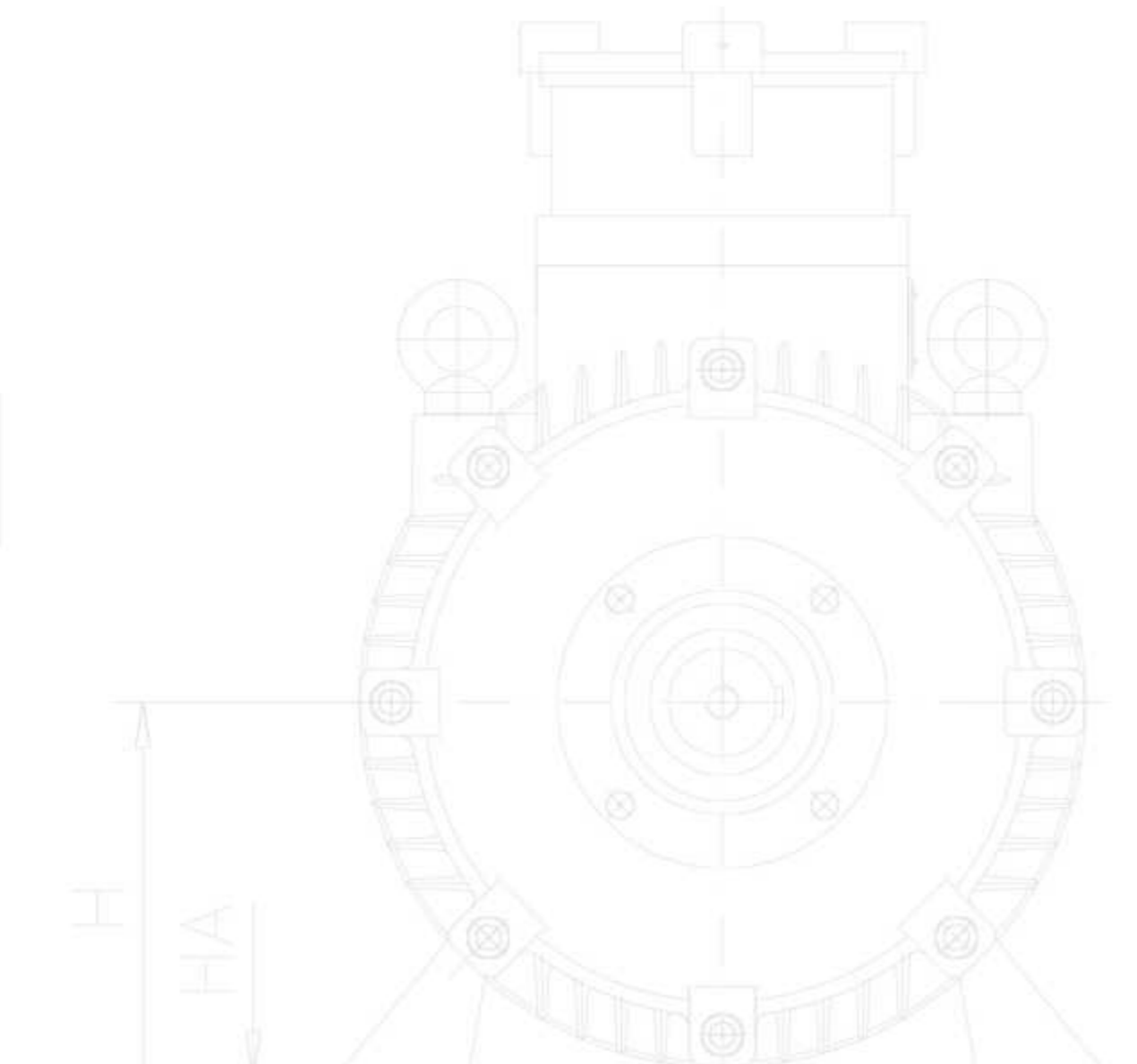
OME IN THE WORLD



OME Electric Motors srl
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since 1967
ORSATTI
GROUP



Low, Medium, High Voltage Electric Motors




OM Series - STANDARD LOW VOLTAGE ASYNCHRONOUS MOTORS

ALUMINIUM REMOVABLE AND REVERSIBLE FEET

- Single phase - Three phase
- Two speed
- Self Brake AC/DC Asynchronous Motor and Double Speed
- Special shaft
- IE1, IE2, IE3 Premium Efficiency
- Poles 2 - 4 - 6 - 8 - 10 - 12 - 14 - 16
- Bearing SKF, PTC
- Ambient Temperature: -15 + 40° C ambient temperature; 55° C ambient temperature on request
- Multi frequencies (50 & 60 HZ)
- Multi voltages - Special tension
- Frame size: H 56 - H 710
- From 0,12 kW - up to 2000 kW



Aluminium Body



Cast iron Body

IE4: PERMANENT MAGNET ASYNCHRONOUS AND SYNCHRONOUS MOTORS

- IE4, Three phase, cast iron
- Poles 2 - 4 - 6 - 8
- Ambient Temperature: -15 + 40° C ambient temperature; 55° C ambient temperature on request
- Multi frequencies (50 & 60 HZ)
- Multi voltages
- Frame size: H 80 - H 400
- From 0,75 kW - up to 2.500 kW


OMN Series - NEMA PREMIUM EFFICIENCY ASYNCHRONOUS MOTORS

- Frame size: H 143 - H 587
- From 0,75 kW - up to 375 kW
- Voltage: V. 230/460 - V. 460 - V. 575
- Pole: 2 - 4 - 6 - 8
- Cooling method: IC 411


OMDC Series - DC MOTORS

- Frame size (mm): H 100 - H 450 + customization
- Kw: From 2,2kW - up to 500 kW + customization
- Voltage: 220V - 400V - 160V - 440V - others on request
- Speed: from 200rpm to 4000rpm + customization
- Cooling System: IC 401, IC 05, IC 06, IC 17, IC 37, IC 666, IC 86w
- Hz: 50 Hz - 60Hz


OMRT Series - ROLLER TABLE ASYNCHRONOUS MOTORS

- From size: H 112 - H 400
- Up to 250 kW
- Voltage: V. 220/380 - V. 230/400 V. 380/660 - V. 400/690
- Pole 4 - 6 - 8 - 10 - 12 - 14 - 16
- Cooling method: IC 410


OMS Series - SMOKE MOTORS

- Frame size (mm): H 63 - H 400
- Kw: From 0,18kW - up to 630 kW
- Voltage: 220V - 230V - 240V - 380V 400V - 415V - 440V - 460V - 480V
- Poles: 2-4-6-8
- Cooling System: IC 410, IC 411
- Hz: 50 Hz - 60Hz
- Temperature: -40°C < 0 < 250°C 2H, -40°C < 0 < 300°C 2H, -40°C < 0 < 400°C 2H


GENERATORS

- From 160 kW - up to 3.250 kW
- Voltage: V. 400/6600
- Frequency: 50hz - 60hz
- Cooling method: IC 01 - IC 611 - IC 81W
- Mounting arrangement: B3; V1
- Asynchronous speed: 176 ÷ 1800 rpm


HIGH-LARGE SIZED SYNCHRONOUS AND ASYNCHRONOUS MOTORS

- Up to frame size H Ø1.120
- From 185 kW - up to 7100 kW
- Voltage: kV. 3 - kV. 6 - kV. 6.6 - kV. 10 - kV. 11 - kV. 15
- Pole: 2 - 4 - 6 - 8... up to 40
- Cooling method: IC 01 - IC 411 - IC 416 - IC 511 - IC 611 - IC 616 - IC 81W - IC 86W
- Ip protection: IP 22, IP 23, IP 44, IP 55



OMVP - IC 01



OMV - IC 411



OMVK - IC 611



OMVKS - IC 81W

OMA Series - SLIP RING MOTORS

- Low voltage frame size H 100 - H 355; Cooling method: IP 55, IP 56, IC 411
- Medium and high voltage frame size H355 - H1000; Cooling method: IP 55, IC 611


OMEX Series - LOW VOLTAGE EXPLOSION-PROOF ATEX CERTIFIED

- OMEx
- ATEX category II 2G Ex db IIB T4 Gb - II 2D Ex tb IIIC (125°) Db
- Group B
- Ambient Temperature: -20 + 40° C ambient temperature; 55° C ambient temperature on request
- IE1 (IE2 on request) Efficiency
- Three phase
- IIC group on request
- Frame size: H 80 - H 355
- From 0.75 kW - up to 315 kW
- Voltage: V. 380 - V. 400 - V. 660 - V. 690 - V. 1140
- Pole: 2 - 4 - 6 - 8
- Cooling method: IC 411

On request Ex:

- Frame size: H 355 - H 500
- From 355 kW - up to 1.100 kW
- Voltage: V. 380 - V. 400 - V. 660 - V. 690 - V. 1140
- Pole: 2 - 4 - 6 - 8 - 10 - 12
- Cooling method: IC 411 - IC 416


OMEX Series - HIGH VOLTAGE EXPLOSION-PROOF ASYNCHRONOUS MOTORS

- Frame size: H 315 - H 710
- From 160 kW - up to 5.000 kW
- Voltage: kV. 3 - kV. 6 - kV. 6.6 - kV. 10 - kV. 11
- Pole: 2 - 4 - 6 - 8... up to 20
- Cooling method: IC 411 - IC 416 IC 511 - IC 611 - IC 81 W - IC 86 W
- Ambient Temperature: -20 + 40° C ambient temperature; 55° C ambient temperature on request
- ATEX Certification on request

