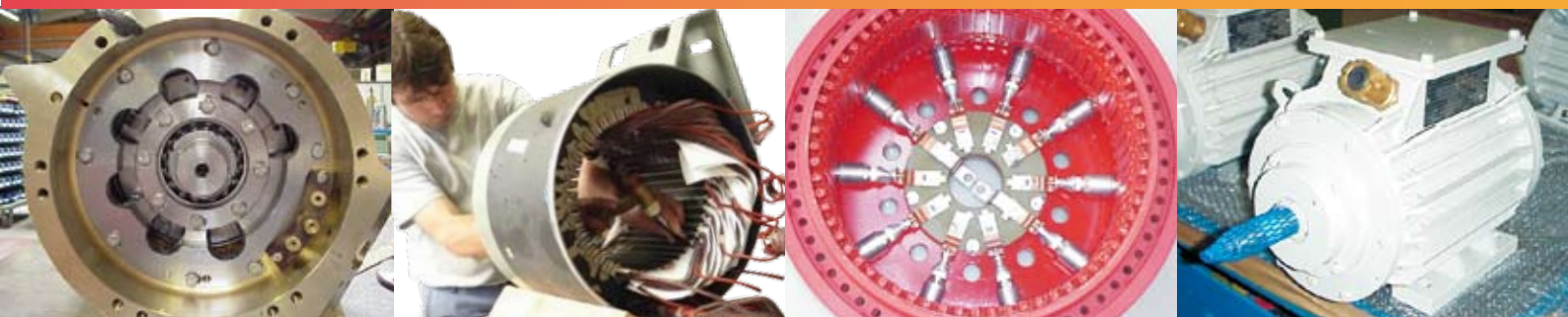




Motors

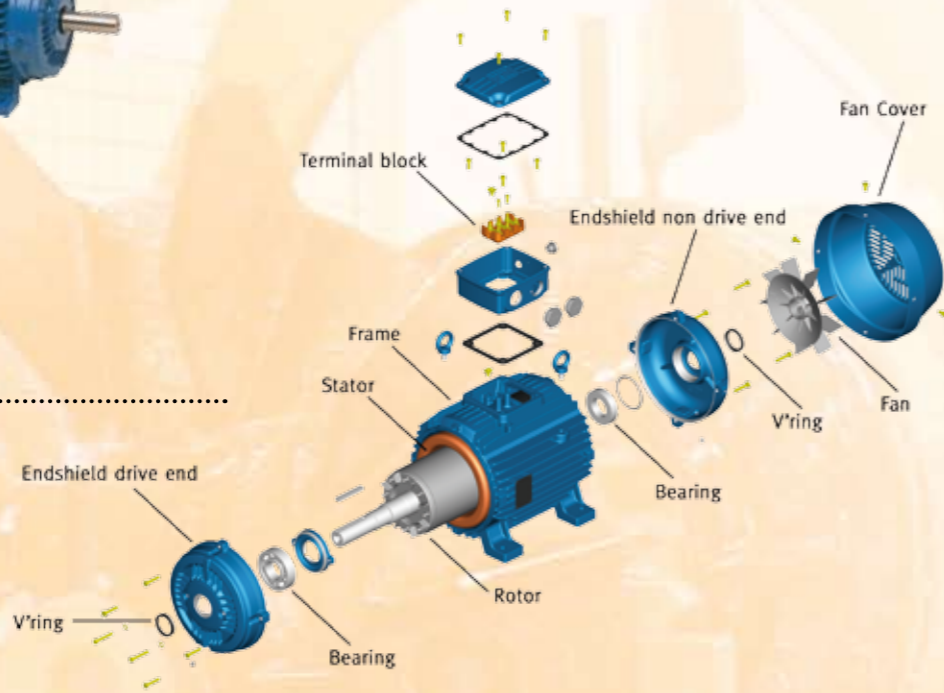
Design, manufacturing of rotating machines



INDUSTRIAL MOTORS



Asynchronous motors



ADAPTATION OF INDUSTRIAL MACHINES

- Optimisation of noise and vibration level
- Special winding
- Special bearing for heavy axial thrust
- Supplementary instrumentations, winding and bearing

Addition of:

- encoder
- ventilation auxiliary unit
- temperature sensor
- heater
- specific cable gland

Adaptation:

- for high speed
- for withstand to shock from 15 to 60g
- for special environment (temperature, hygrometry, ...)
- of special terminal boxes
- of specific painting
- of special stuffing boxes



Marine industrial motors



Single-three phase converter set for 90kVA network security power supply

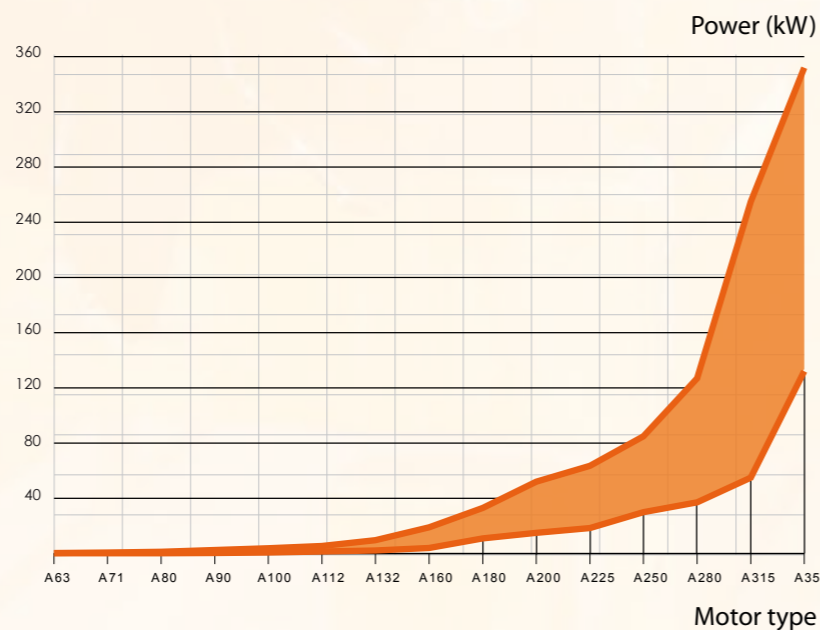


IP55 marine cast iron motor



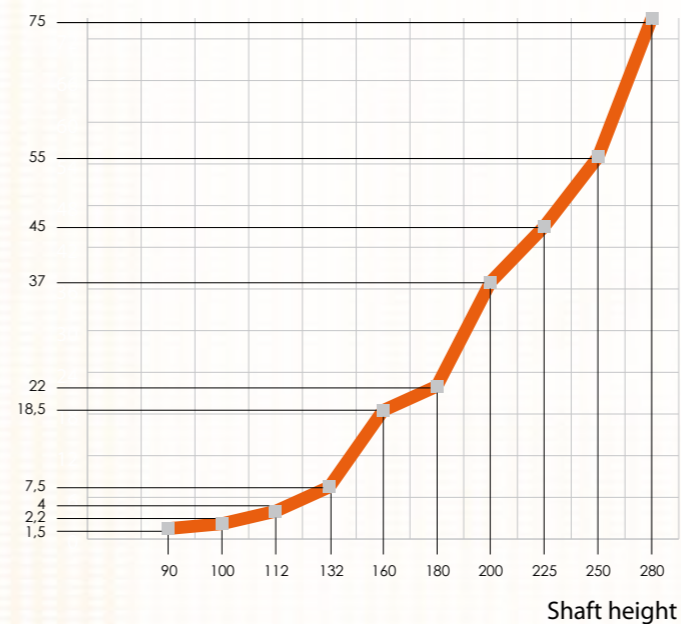
160kVA rotating converter set

- Cast iron frame
- S1 continuous duty
- IP23 and IP55 protection degree
- 230V, 400V, 440V three-phase low voltage
- 50Hz, 60Hz frequency
- All polarities
- Multi speed
- Speed:
 - from 750 to 3000rpm at 50Hz
 - from 900 to 3600rpm at 60Hz
- F class isolation, B class heating
- Mounting arrangements:
 - foot, flange, foot-flange mounted motor
- Conformity to CEI34 and CEI72 standards



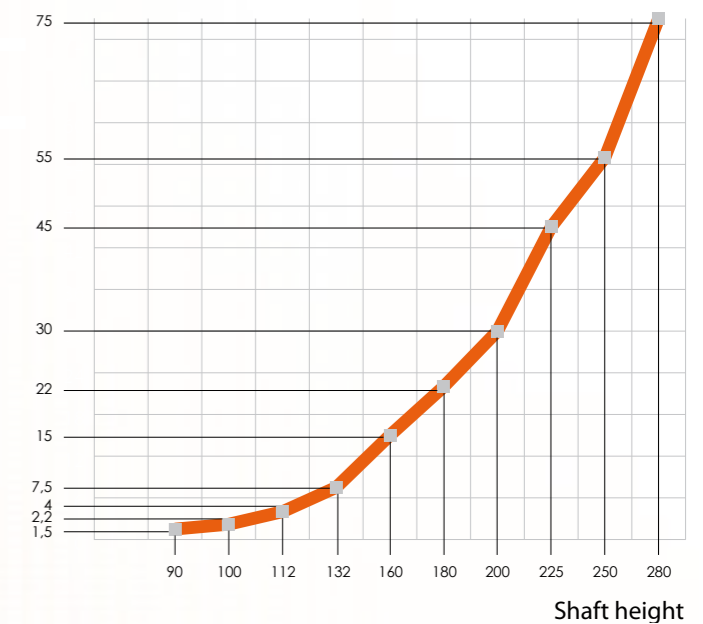
2 pole motors

Power (KW)



4 pole motors

Power (KW)



Consult us for specific design

SPECIAL APPLICATION SKILLS



PUMP DRIVING

A100L type
Asynchronous, three-phase
Steel frame, 0,75 to 2,3kW
Self-ventilated



FAN MOTORIZATION

C200S type
Direct current
Steel frame
Natural cooling



PUMP DRIVING

A160 type, asynchronous
67kW, three-phase - 4000rpm
S4 duty - Hydrodynamic bearings
Noise reduction
Water cooled frame



PUMP MOTOR

Synchronous magnets
90kW - 2300rpm
Water cooling
Suspended stator



POD MOTOR

Synchronous magnets
Equi-pressure frame
70kW - 600rpm



BLOWER MOTORIZATION

SAP100L, 112V three-phase
113Hz - 3400rpm
Synchronous, magnets
Hydrodynamic bearings



INTEGRATED MOTOR-VARIABLE SPEED DRIVE BLOCK

High speed motor, 45kW
From 7000 to 30000rpm



MAGNETIC CIRCUITS

Taylor-made designed



MARINE ELECTRIC PROPULSION MOTOR

Dual stator winding
600kW
Variable speed drive control
Water-air combined cooling



ALTERNATOR EXCITER

Diode wheel
All power and speed



WIRE ANTENNA MOTOR

64V-160V synchronous, three-phase
From 300 to 750rpm