



Motors for hermetic & semi-hermetic compressors



LEROY-SOMER™

Nidec
All for dreams

Expertise in motors for compressors

A global organisation

With almost a century of experience in the design and manufacture of drive systems, Leroy-Somer has become one of the main companies in the production of hermetic motors in Europe and Asia, suitable for the requirements of the world's industrial markets.

Our recognised experience combined with our extensive support organisation allow us to be a reference in providing the right solution to any specific customer requirements.

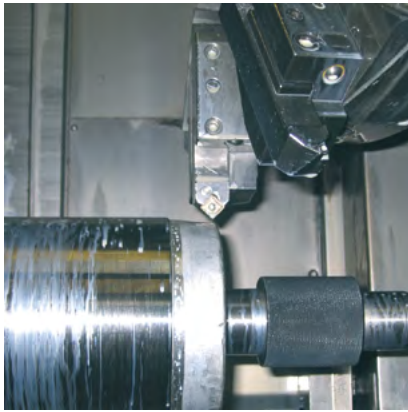
A highly performant and reliable product

Based on simulations and field tests, Leroy-Somer provides a wide range of products offering high quality and performances. The choice of reliable copper wires, low magnetic losses laminations and optimised design ensures high levels of speed, power factor and efficiency.

Result is a compressor with increased performance levels and improved cooling capacity. Product certification, delivered by an independent professional body is a guarantee of our quality standards.

The entire range has been approved by Underwriters Laboratories Inc. Components and processes are qualified by a Plug Reversal Test from 350,000 cycles up to 500,000 cycles.

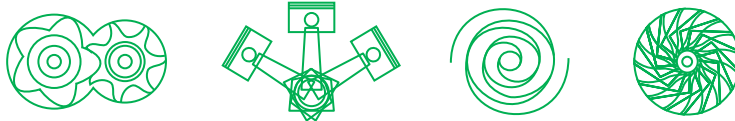




Serving all industrial Applications

Screw, Reciprocating, Scroll, Centrifugal

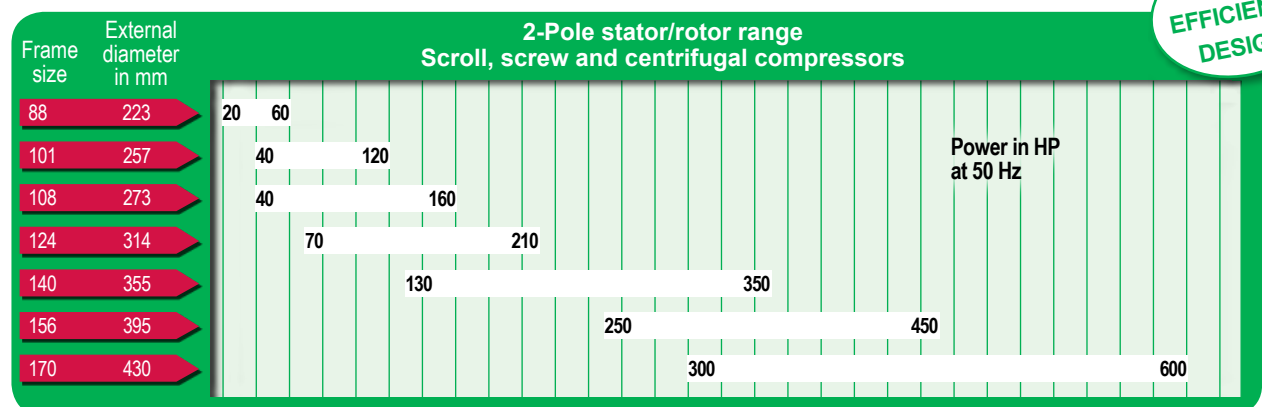
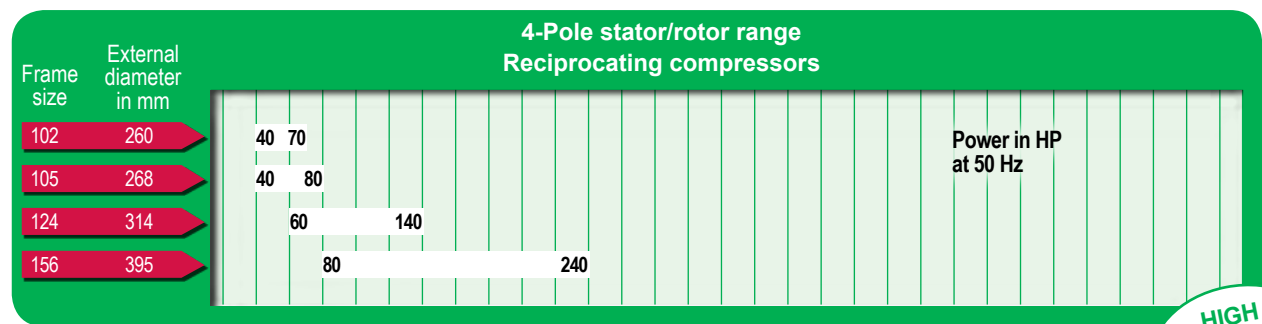
Our knowledge in various applications and our ability to design customised products enable us to provide a complete answer to customer specifications.



Product range

HIGH LEVELS OF EFFICIENCY, POWER FACTOR AND SPEED

- ▶ Compatible with various refrigerants and oils (R22, R134a, R407c, R410a, ...)
- ▶ Starting modes: Star-Delta, Part Winding Start, Double Delta, ...
- ▶ Voltage and frequency range: 200 to 690 V, 50 or 60 Hz
- ▶ Special wire types: Daglass, Kapton, Peek, ...
- ▶ Variable Speed Design available
- ▶ Possibility of permanent magnets design



HIGH
EFFICIENCY
DESIGN

LEROY-SOMER[™]

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Moteurs Leroy-Somer SAS. Headquarters: Bd Marcellin Leroy, CS 10015, 16915 Angoulême Cedex 9, France. Share Capital: 65 800 512 €, RCS Angoulême 338 567 258.