

N-compact Series Motors

Heart of all your Operations – 1LA8 and 1PQ8

Higher output from the same frame size: this is the concept of the N Compact motors. The N-Compact series motors are offered from **160kW** – 1750kW in 2, 4, 6 & 8 Pole for frames ranging from 315 – 560. The N-Compact series of motors up to 630kW are suitable for 415V supply. Ratings beyond 710kW are suitable for 690V supply.

The N compact range motors are offered in 1LA8 - self cooled IC411 and also in 1PQ8 - separately cooled IC416 versions suitable for converter duty applications for VFD Applications. The N compact series are offered for Altitude < 1000m, with Class F insulation, Ambient of **45°C**. These motors are provided with dual coat copper wires which has superior electrical, mechanical and thermal properties.

Its USP's

1. High reliability and uptime.
2. High efficiency and low operating costs.
3. Low noise and vibration level.
4. High power to weight ratio
5. Dual cooling system- reliable cooling