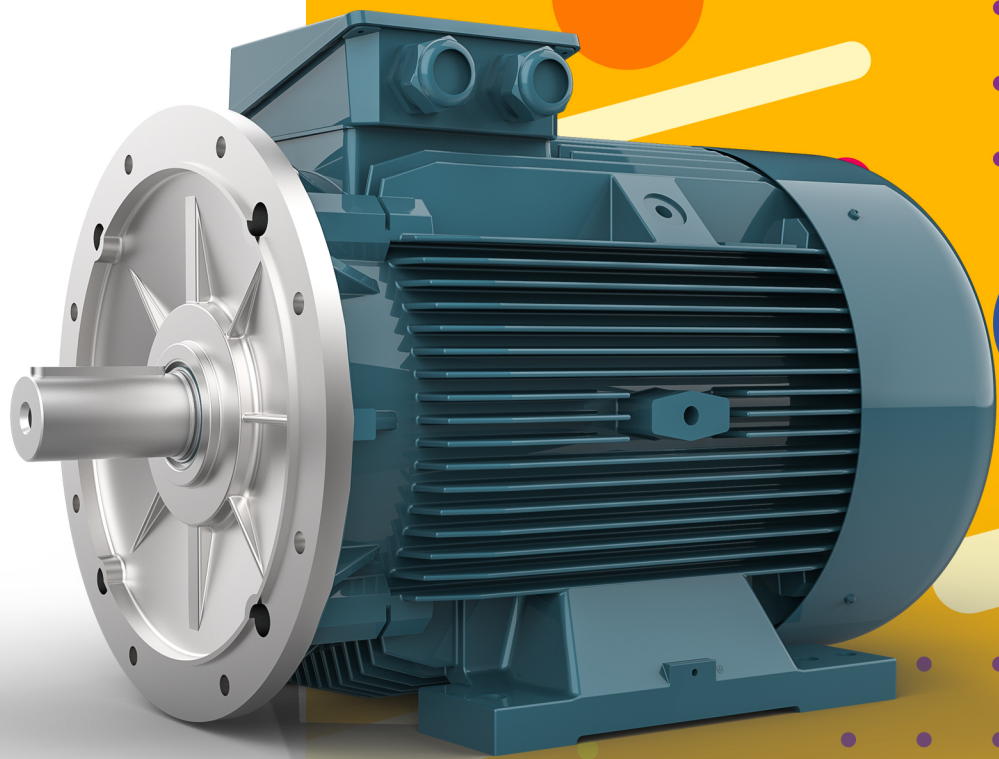


Special Motor Series for **Compressor Sector and Driver Applications**



Product range: 5,5 – 200 kW / 132-315 Frame – 2/4/6 pole motor.

Volt electric
motors

Special Insulation System:

Special copper-corona resistant wire is used for driver applications. Special phase-to-phase and slot insulation is used. A better insulation is provided with VPI Vacuum Varnish.

In this way;

Dielectric strength of the insulation system of the motors which are developed to be used in the compressor applications was enhanced. The insulation against the voltage peaks at the terminal of the motor was strengthened.

High service factor and low heating:

The motors have been particularly developed to operate at nominal load with a low temperature rise (ΔT). Bearing which is 180C temperature resistant has been chosen. PTC thermistor is used.

In this way;

IE2 efficiency class motors 1,15 and IE3 efficiency class motors 1,40 are appropriate to work with service factor.

Application-specific solutions :

PT100 usage option is available to monitor winding temperature.
PT100 usage option is available to monitor the temperature of bearing.
Special motor option is available for 87 Hz applications.
The option of insulated bearing is available.
The option of forced fan application is available.

