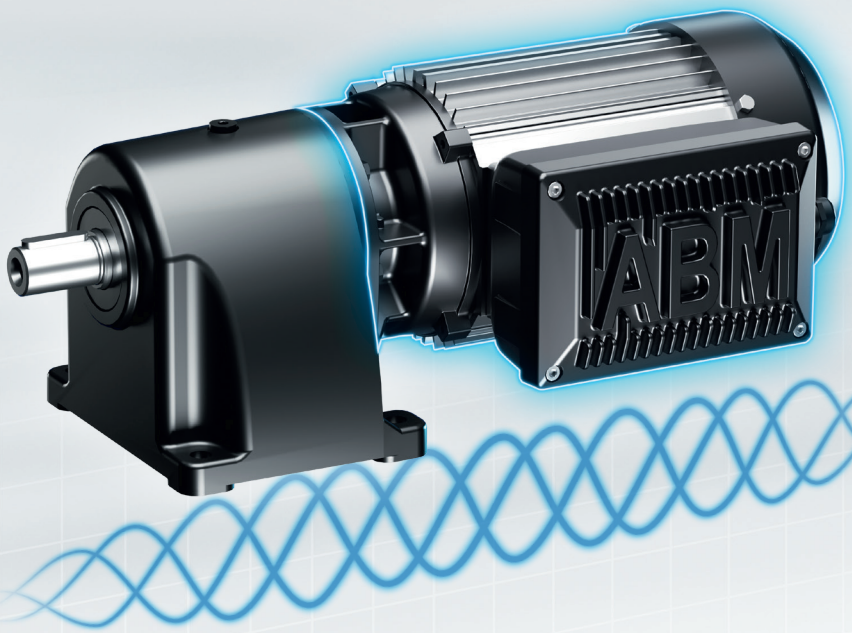
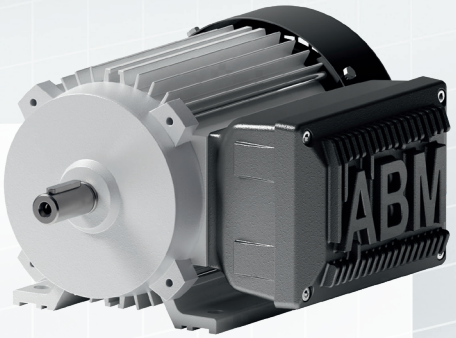
ABM Greiffenberger
We put ideas into gear

Member of senata Group



The switch to 3-phase motors is accomplished easily and impresses with a high reduction of TCO at maximum efficiency.



Compact & Energy Efficient

THE sustainable Alternative to Single Phase Motors

3-phase Motor with Integrated Controller

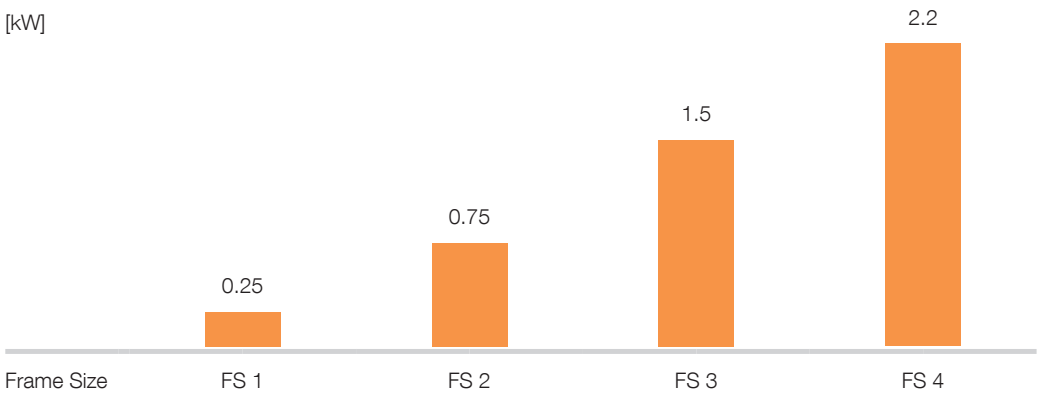
Advantages

- Identical power supply as with previously used single phase motor (1~ 230 V)
- Meets efficiency grade per EuP-directive from 7/1/23
- Material and energy savings with increased efficiency
- Maximum power density
- Maximum smoothness
- High starting torque
- Low starting currents
- Minimal system load
- Temperature monitoring of motor and controller
- Current limitation to protect motor and controller in case of blockage
- Simple change of rotation
- No typical frequency inverter based whistling and therefore virtually soundless operation
- Simple installation and reduction of customer supplied components

Key Data & Options

Motor Type	3-phase asynchronous motor
Rated Output	0.25 – 2.2 kW
Supply Voltage	230 V
Supply Frequency	50/60 Hz
Rated Current Output	1.6 – 11 A
Overload 60 sec.	150 %
Protective Function	Temperature and current monitoring
Housing	Two-piece die-cast aluminum housing
Protection Class	IP54
Ambient Temperature	-10° C up to +40° C
EMC Generic Standards	EN-61000-6-1: 2007-10, EN-61000-6-3:2011-09
Certificates and Conformity	CE, UL/CSA, RoHS

Output Overview



The efficient ABM Solution compared with the Single Phase Motor

- Per 7/1/23 the EuP-directive of the European parliament will take effect
- Affected are 2, 4, 6 and 8 pole single phase motors operated continuously with an output higher than 0.12 kW
- ABM Greiffenberger already delivers energy efficient induction-asynchronous motors with integrated controller
- These can always be operated with a single phase 230 V power supply