

## Technical data | Axial flux motor - Sae 3

3GE0C9E0

Rated power [kW]	65
Nominal torque [Nm] (SI)	280
Peak torque [Nm] (S2-60s)	500
DC-Link voltage [V]	700
Rated current [A]	100
Nominal speed [rpm]	2200
Maximum mechanical speed [rpm]	4000
Phase e.m.f. constant [mV/rpm]	100
Torque constant [Nm/A]	2,8
Rated frequency [Hz]	220
Number of poles	12
Motor type	Permanent magnet synchronous, sinusoidal e.m.f.
Cooling	Liquid, T <sub>max</sub> = 40°C - 10 l/min - T <sub>max</sub> = 60°C (con derating)
Fixing flange	SAE3
Disc-disc length [mm]	106
Length with sensor [mm]	224
Diameter [mm]	450
Weight [kg]	83