

Technical data | Axial flux motor - Sae 4

3GE0ACD0

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|--------------------------------|---|
| Rated power [kW] | 45 |
| Nominal torque [Nm] (S1) | 140 |
| Peak torque [Nm] (S2-60s) | 280 |
| DC-Link voltage [V] | 350 |
| Rated current [A] | 170 |
| Nominal speed [rpm] | 3000 |
| Maximum mechanical speed [rpm] | 4000 |
| Phase e.m.f. constant [mV/rpm] | 33 |
| Torque constant [Nm/A] | 0,82 |
| None | 250 |
| Number of poles | 10 |
| Motor type | Permanent magnet synchronous, sinusoidal e.m.f. |
| Cooling | Liquid, T _{max} = 40°C - 10 l/min - T _{max} = 60°C (con derating) |
| Fixing flange | SAE4 |
| Disc-disc length [mm] | 102 |
| Length with sensor [mm] | 214 |
| Diameter [mm] | 403 |
| Weight [kg] | 52 |