

TECHNICAL CHARACTERISTICS VERSIONS 400 V / 460 V_{AC}

| | 136 OEP 017 | 136 OEP 020 | 136 OEP 050 |
|--|-----------------------------------|-----------------------------------|-----------------------------------|
| Rated speed | 6000 RPM | 6000 RPM | 6000 RPM |
| Rated torque at stall ; $\Delta\theta$ winding = (1) | 43 Nm | 52 Nm | 68 Nm |
| Rated torque at rated speed $\Delta\theta$ winding = (1) | 31 Nm | 46 Nm | 66 Nm (4) |
| Specific peak torque | 150 Nm | 150 Nm | 150 Nm |
| Associated DBS drive | 60/180 | 60/180 (3) | 60/180 (3) |
| Peak torque with associated drive (2) | 105 Nm | 105 Nm | 105 Nm |
| Rotor inertia | 11900 10^{-6} kg.m ² | 11900 10^{-6} kg.m ² | 11900 10^{-6} kg.m ² |
| Torque constant | 0,85 Nm/A | 0,85 Nm/A | 0,85 Nm/A |
| E.m.F. at 1000 RPM phase to phase | 50,6 V | 50,6 V | 50,6 V |
| Winding resistance between phases | 0,16 Ω | 0,16 Ω | 0,16 Ω |
| Winding inductance phase to phase | 1,27 mH | 1,27 mH | 1,27 mH |
| Thermal time constant | 670 s | 900 s | 192 s |
| Weight | 28 kg | 27 kg | 27 kg |

Ambient temperature 20°C.

- (1)** $\Delta\theta$ winding = 140°C under voltage 460 V_{AC} (worst thermal case)
- (2)** Under voltage 400 V_{AC}
- (3)** Drive mentioned given indicatively
- (4)** Fluid cooling flow equal to 2.5 l.p.m