

TECHNICAL CHARACTERISTICS VERSIONS 400 V / 460 V_{AC}

	136 OEP 017	136 OEP 020/021	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 (3)
Specific peak torque	150 Nm	150 Nm	150 Nm
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	1,6 Ω	1,6 Ω	1,6 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) Fluid cooling flow equal to 2.5 l.p.m