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Model No. 4-Pole cage motor MAP 160L 15kW D400V 50Hz IM2081-FF300

Table with 13 columns: U (V), Δ/Y Conn, f [Hz], P [kW], P [hp], I [A], n [RPM], T [Nm], IE Class, % EFF at __ load (FL, 3/4FL, 1/2FL), PF at __ load (FL, 3/4FL, 1/2FL), I_A/I_N [pu], T_A/T_N [pu], T_K/T_N [pu].

Table with 2 columns: Parameter and Value. Includes Motor type (MAP160L4A), Enclosure (Totally Enclosed Fan Cooling), Frame Material (Aluminum), Frame size (160L), Duty (S1), Voltage (400 V), Frequency (50 Hz), Power output (15 kW), Insulation class (F), Ambient temperature (-20 till 40 °C), Temperature rise (temp.rise acc. B (80K)), Temperature rise surface, Altitude above sea level (1000 mtr), Hazardous area classification (Safe area).

Table with 2 columns: Parameter and Value. Includes Rotor type (Cage motor), Bearing type (6209-2Z/C3).

Table with 2 columns: Parameter and Value. Includes Type of grease (0).

Table with 2 columns: Parameter and Value. Includes Phase resistance at 20°C (0,2820 Ohm), Country of origin (TR).

Table with 6 columns: Voltage/Freq, Locked rotor Torque [% nom], Starting current [% nom], Pull-up Torque [% nom], Breakdown Torque [% nom], No-load Current [A].

NOTE
All performance values at rated voltage and frequency.
All performance parameters are subjected to standard tolerance as per IEC 60034-1
Voltage, Frequency are as per IEC60034-1
Technical data are subject to change. There may be discrepancies between calculated and name plate values.

Table with 3 columns: Parameter, Europe, Global IEC. Includes Efficiency, Standards (EN-IEC: 60034-30, IEC: 60034-30).

Table with 2 columns: Parameter and Value. Includes Degree of protection (IP55), Mounting type (IM2081-FF300), Cooling method (IC411), Motor weight - approx. (124 kg), Gross weight - approx. (128 kg), Motor inertia (0,0920 kgm²), Vibration level (according IEC60034-14), Direction of rotation (cw /ccw), PTC 150°C.

