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Model No. 2-Pole cage motor MAP 100L 3kW D400V 50Hz IM2181-FT130

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), IA/IN [pu], TA/TN [pu], TK/TN [pu].

Table with 2 columns: Parameter and Value. Includes Motor type (MAP100L2A), Enclosure (Totally Enclosed Fan Cooling), Frame Material (Aluminum), Frame size (100L), Duty (S1), Voltage (400 V), Frequency (50 Hz), Power output (3 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 (6205-22/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 (2,9000 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: Efficiency, Europe, Global IEC. Includes Standards (EN-IEC: 60034-30, IEC: 60034-30).

This is an uncontrolled copy, data can be changed anytime.

Table with 2 columns: Parameter and Value. Includes Degree of protection (IP55), Mounting type (IM2181-FT130), Cooling method (IC411), Motor weight - approx. (22 kg), Gross weight - approx. (23 kg), Motor inertia (0,0031 kgm²), Vibration level (according IEC60034-14), Direction of rotation (cw /ccw), PTC 150°C.

