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Model No. 4-Pole cage motor MAP 90S 1,1kW D230V 50Hz IM2081-FF165

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: Description and Value. Includes Motor type (MAP90S4A), Enclosure (Totally Enclosed Fan Cooling), Frame Material (Aluminum), Frame size (90S), Duty (S1), Voltage (230 V), Frequency (50 Hz), Power output (1,1 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), Rotor type (Cage motor), Bearing type (6004-2Z/C3), Type of grease (0), Phase resistance at 20°C (9,0700 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 2 columns: Standards and Value. Includes Efficiency (Europe, Global IEC) and Standards (EN-IEC: 60034-30, IEC: 60034-30).

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

Table with 2 columns: Description and Value. Includes Degree of protection (IP55), Mounting type (IM2081-FF165), Cooling method (IC411), Motor weight - approx. (17 kg), Gross weight - approx. (18 kg), Motor inertia (0,0025 kgm²), Vibration level (according IEC60034-14), Direction of rotation (cw /ccw), PTC 150°C.

