

Model No. 4-Pole cage motor TCA 280M 110kW D400V 50Hz IM1001

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: Property and Value. Rows include Motor type (TCA280MB4E3), Enclosure (Totally Enclosed Fan Cooling), Frame Material (Cast iron), Frame size (280M), Duty (S1), Voltage (400 V), Frequency (50 Hz), Power output (110 kW), Insulation class (F), Ambient temperature (-20 till 40 °C), Temperature rise (-), Temperature rise surface, Altitude above sea level (1000 mtr), Hazardous area classification (Safe area), Degree of protection (IP55), Mounting type (IM1001), Cooling method (IC411), Motor weight - approx. (810 kg), Gross weight - approx. (830 kg), Motor inertia (2,9765 kgm²), Vibration level (according IEC60034-14), Direction of rotation (cw /ccw), PTC 150°C, Rotor type (Cage motor), Bearing type (6317/C3), Lubrication method (30gr/8000hrs), Type of grease (Chevron SRI-2).

Country of origin CN

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: Property and Value. Rows include Efficiency (Europe, Global IEC), Standards (EN-IEC: 60034-30, IEC: 60034-30).

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