

Model No. 4-Pole cage motor TCA 180L 22kW D400V 50Hz IM1011

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]. It contains two rows of data for different voltage configurations (400V/690V and 460V).

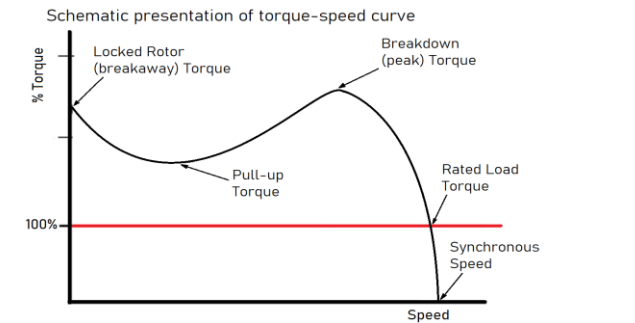
Table with 2 columns: Property and Value. It lists various motor specifications including Motor type (TCA180LA4E3), Enclosure (Totally Enclosed Fan Cooling), Frame Material (Cast iron), Frame size (180L), Duty (S1), Voltage (400 V), Frequency (50 Hz), Power output (22 kW), Insulation class (F), Ambient temperature (-20 till 40 °C), Temperature rise (65 K), Temperature rise winding (40 K), Altitude above sea level (1000 mtr), Hazardous area classification (Safe area), Degree of protection (IP55), Mounting type (IM1011), Cooling method (IC411), Motor weight - approx. (196 kg), Gross weight - approx. (202 kg), Motor inertia (0,2415 kgm²), Vibration level (according IEC60034-14), Direction of rotation (cw /ccw), and PTC (150°C).

Table with 2 columns: Property and Value. It lists: Rotor type (Cage motor), Bearing type (6211-2Z/C3WT), Type of grease (Chevron SRI-2), and 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]. It contains two rows of data for @ D 400V 50Hz and @ D 460V 60Hz.

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. It lists: Efficiency (Europe, Global IEC) and Standards (EN-IEC: 60034-30, IEC: 60034-30).



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