

Model No. 4-Pole cage motor 6RN 100L 3kW D230V 50Hz IM1081

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. Parameters include Motor type (6RN100L04E25), Enclosure (Totally Enclosed Fan Cooling), Frame Material (Cast iron), Frame size (100L), Duty (S1), Voltage (230 V), Frequency (50 Hz), Power output (3 kW), Insulation class (F), Ambient temperature (-20 till 40 °C), Temperature rise (temp.rise acc. F), Temperature rise winding (61 K), Temperature rise surface, Altitude above sea level (1000 mtr), Hazardous area classification (Safe area), Te time (0 sec), Degree of protection (IP55), Mounting type (IM1081), Cooling method (IC411), Motor weight - approx. (33 kg), Gross weight - approx. (34 kg), Motor inertia (0,0110 kgm²), Vibration level (according IEC60034-14), Direction of rotation (cw /ccw), Rotor type (Cage motor), Bearing type (6306-2Z/C3WT), Type of grease (Unirex N3), Phase resistance at 20°C (1,9990 Ohm), Country of origin (CZ).

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

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

