

Model No. 2-Pole cage motor 6RN 90S 1,5kW D230V 50Hz IM2081-FF165

Table with 12 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: Property and Value. Properties include Motor type (6RNG90S02E20), Enclosure (Totally Enclosed Fan Cooling), Frame Material (Aluminum), Frame size (90S), Duty (S1), Voltage (230 V), Frequency (50 Hz), Power output (1,5 kW), Insulation class (F), Ambient temperature (-20 till 40 °C), Temperature rise (temp.rise acc. B (80K)), Temperature rise winding (61 K), Temperature rise surface (19 K), Altitude above sea level (1000 mtr), Hazardous area classification (Safe area), Degree of protection (IP55), Mounting type (IM2081-FF165), Cooling method (IC411), Motor weight - approx. (25 kg), Gross weight - approx. (26 kg), Vibration level (according IEC60034-14), Direction of rotation (cw /ccw).

Table with 2 columns: Property and Value. Properties include Rotor type (Cage motor), Bearing type (6004-2Z/C3WT).

Table with 2 columns: Property and Value. Property: Type of grease (Unirex N3).

Table with 2 columns: Property and Value. Properties include Phase resistance at 20°C (4,6400 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 3 columns: Property, Europe, Global IEC. Properties include Efficiency, Standards (EN-IEC: 60034-30, IEC: 60034-30).

