

Model No. 2-Pole cage motor 6RN 90L 3kW D400V 50Hz IM3041-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), IA/IN [pu], TA/TN [pu], TK/TN [pu]. Rows show performance data for 400V and 460V configurations.

Table with 2 columns: Parameter and Value. Rows include Motor type (6RN90L02E36), Enclosure (Totally Enclosed Fan Cooling), Frame Material (Aluminum), Frame size (90L), Duty (S1), Voltage (400 V), Frequency (50 Hz), Power output (3 kW), Insulation class (F), Ambient temperature (-20 till 40 °C), Temperature rise (temp.rise acc. B), Temperature rise winding (38 K), Temperature rise surface (21 K), Altitude above sea level (1000 mtr), Hazardous area classification (Safe area), Te time (0 sec), Degree of protection (IP55), Mounting type (IM3041-FF165), Cooling method (IC411), Motor weight - approx. (22 kg), Gross weight - approx. (23 kg), Vibration level (according IEC60034-14), Direction of rotation (cw /ccw), Rotor type (Cage motor), Bearing type (6004-2Z/C3WT), Type of grease (Unirex N3), Phase resistance at 20°C (4,5413 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]. Rows show 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: Parameter and Value. Rows include Efficiency (Europe, Global IEC) and Standards (EN-IEC: 60034-30, IEC: 60034-30).

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

