

Model No. 4-Pole cage motor 6RN 100L 3kW D400V 50Hz IM2181-FT165

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.

Table with 2 columns: Parameter and Value. It lists motor specifications such as Motor type (6RN100L04E35), Enclosure (Totally Enclosed Fan Cooling), Frame Material (Cast iron), Frame size (100L), 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 (42 K), Temperature rise surface (28 K), Altitude above sea level (1000 mtr), and Hazardous area classification (Safe area).

Table with 2 columns: Parameter and Value. It lists Rotor type (Cage motor) and Bearing type (6306-2Z/C3WT).

Table with 2 columns: Parameter and Value. It lists Type of grease (Unirex N3).

Table with 2 columns: Parameter and Value. It lists Phase resistance at 20°C (4,3460 Ohm) and Country of origin (CZ).

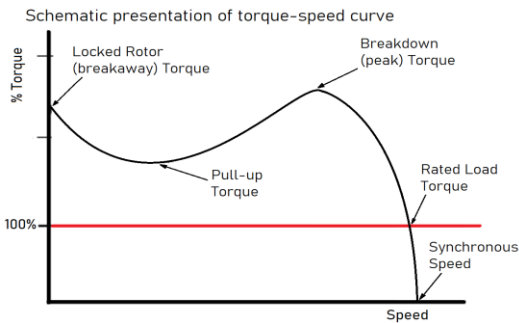
Table with 6 columns: Voltage/Freq, Locked rotor Torque [% nom], Starting current [% nom], Pull-up Torque [% nom], Breakdown Torque [% nom], No-load Current [A]. It contains two rows of data for different voltage and frequency ratings.

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

Table with 2 columns: Parameter and Value. It lists Degree of protection (IP55), Mounting type (IM2181-FT165), Cooling method (IC411), Motor weight - approx. (42 kg), Gross weight - approx. (43 kg), Motor inertia (0,0140 kgm²), Vibration level (according IEC60034-14), and Noise level (pressure) acc 60034-9 (60 dB(A)).

Table with 2 columns: Parameter and Value. It lists Direction of rotation (cw /ccw).



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