

Model No. 2-Pole cage motor 6RN 80M 1,27kW D254V 60Hz IM2181-FT100

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: Property and Value. Properties include Motor type (6RN80M02E33), Enclosure (Totally Enclosed Fan Cooling), Frame Material (Aluminum), Frame size (80M), Duty (S1), Voltage (254 V), Frequency (60 Hz), Power output (1,27 kW), Insulation class (F), Ambient temperature (-20 till 40 °C), Temperature rise (-), Temperature rise surface, Altitude above sea level (1000 mtr), Hazardous area classification (Safe area), Te time (0 sec), Degree of protection (IP55), Mounting type (IM2181-FT100), Cooling method (IC411), Motor weight - approx. (14 kg), Gross weight - approx. (14 kg), Motor inertia (0,0013 kgm²), Vibration level (according IEC60034-14), Direction of rotation (cw /ccw), Rotor type (Cage motor), Bearing type (6004-2Z/C3WT), Type of grease (Unirex N3), 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: Property and Value. Properties include Efficiency (Europe, Global IEC), Standards (EN-IEC: 60034-30, IEC: 60034-30).

