

Model No. 2-Pole cage motor 6RD 160L 18,5kW D400V 50Hz IM1001

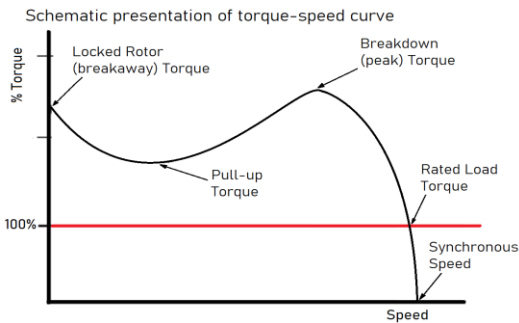
Table with 13 columns: U (V), Δ/Y Conn, f [Hz], P [kW], P [hp], I [A], n [RPM], T [Nm], IE Class, % EFF at __ load (FL, 3/4FL, 1/2FL), PF at __ load (FL, 3/4FL, 1/2FL), I_A/I_N [pu], T_A/T_N [pu], T_K/T_N [pu]. Rows show data for 400V and 460V configurations.

Table with 2 columns: Property and Value. Rows include Motor type (6RD160LA2E3), Enclosure (Totally Enclosed Fan Cooling), Frame Material (Cast iron), Frame size (160L), Duty (S1), Voltage (400 V), Frequency (50 Hz), Power output (18,5 kW), Insulation class (F), Ambient temperature (-20 till 40 °C), Temperature rise (-), Temperature rise surface, Altitude above sea level (1000 mtr), Hazardous area classification (ExII2G Ex db eb IIC T4 Gb), Te time (0 sec), Degree of protection (IP55), Mounting type (IM1001), Cooling method (IC411), Motor weight - approx. (230 kg), Gross weight - approx. (237 kg), Motor inertia (0,0808 kgm²), Vibration level (according IEC60034-14), Direction of rotation (cw /ccw), PTC (150°C), Rotor type (Cage motor), Bearing type (6309-2Z/C3), Type of grease (Unirex N3), Country of origin (IT).

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: Standards and Value. Rows show Efficiency (Europe, Global IEC) and Standards (EN-IEC: 60034-30, IEC: 60034-30).



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