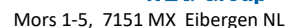


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Model No. 4-Pole cage motor 6RN 80M 1.1kW D230V 50Hz IM3641-FT130

Motor type	6RN80M04E16	Degree of protection	IP55
Enclosure	Totally Enclosed Fan Cooling	Mounting type	IM3641-FT130
Frame Material	Aluminum	Cooling method	IC411
Frame size	80M	Motor weight - approx.	15 kg
Duty	S1	Gross weight - approx.	15 kg
Voltage	230 V		
Frequency	50 Hz		
Power output	1,1 kW	Vibration level	according IEC60034-14
Insulation class	F		
Ambient temperature	-20 till 40 °C		
Temperature rise	-		
Temperature rise winding	76 K		
Temperature rise surface		Direction of rotation	cw /ccw
Altitude above sea level	1000 mtr		
Hazardous area classification	Safe area		
Te time	0 sec		
Rotor type	Cage motor		
Bearing type	6004-2Z/C3WT		

A schematic graph showing the torque-speed characteristic of an induction motor. The vertical axis is labeled '% Torque' and the horizontal axis is labeled 'Speed'. A horizontal red line represents the 100% torque level. The curve starts at a high torque value on the y-axis, labeled 'Locked Rotor (breakaway) Torque'. It then dips to a local minimum labeled 'Pull-up Torque'. The curve then rises to a peak labeled 'Breakdown (peak) Torque'. After the peak, the torque decreases as speed increases, crossing the 100% torque line at a point labeled 'Rated Load Torque'. The curve ends at the 'Synchronous Speed' on the x-axis.

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.

Efficiency	Europe	Global IEC
Standards	EN-IEC: 60034-30	IEC: 60034-30

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Driving efficiency and sustainability

