

Model No. 6-Pole cage motor 6RN 112M 2,2kW D230V 50Hz IM1081

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]
230	D	50	2,2	3	9	965	21,8	IE2	81,8	0,75	6,00	2,10	3,10
400	Y				5,2								

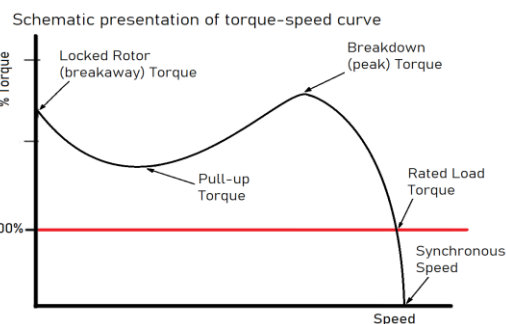
Motor type	6RN112M06E22	Degree of protection	IP55
Enclosure	Totally Enclosed Fan Cooling	Mounting type	IM1081
Frame Material	Cast iron	Cooling method	IC411
Frame size	112M	Motor weight - approx.	37 kg
Duty	S1	Gross weight - approx.	38 kg
Voltage	230 V	Motor inertia	0,0140 kgm ²
Frequency	50 Hz	Vibration level	according IEC60034-14
Power output	2,2 kW	Noise level (pressure) acc 60034-9	57 dB(A)
Insulation class	F		
Ambient temperature	-20 till 40 °C		
Temperature rise	-		
Temperature rise surface			
Altitude above sea level	1000 mtr	Direction of rotation	cw / ccw
Hazardous area classification	Safe area		
Te time	0 sec		
Rotor type	Cage motor		
Bearing type	6306-2Z/C3WT		
Type of grease	Unirex N3		
Country of origin	CZ		

Voltage/Freq	Locked rotor Torque [% nom]	Starting current [% nom]	Pull-up Torque [% nom]	Breakdown Torque [% nom]	No-load Current [A]
@ D 230V 50Hz	210%	600%		310%	

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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