

Datasheet



Quote Q21.0205477
Cust Impexron GmbH



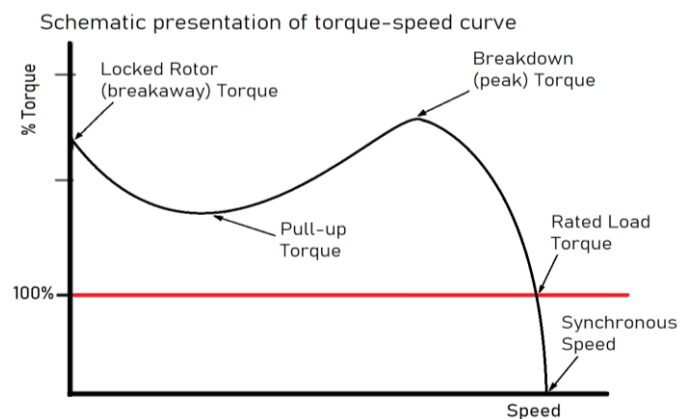
Mors 1-5, 7151 MX Eibergen NL
www.rotor.nl tel.: +31 545 464640
sales@rotor.nl tel.: +31 545 464646

Model No. 8/4-Pole cage motor 6RNA 112M /0,9kW /Y400V 50Hz IM1081 6RNA112M84E02-VU4L config L2

U (V)	Δ / Y Conn	f [Hz]	P		I [A]	n [RPM]	T [Nm]	IE Class	% EFF at __ load			PF at __load			I _A /I _N [pu]	T _A /T _N [pu]	T _K /T _N [pu]
			[kW]	[hp]					FL	3/4FL	1/2FL	FL	3/4FL	1/2FL			
400	Y	50	0,9	1,206	4,05	715	12	N.v.t.	56,0			0,57			2,80	1,00	2,10
400	YY	50	3,6	4,826	7,5	1430	24	N.v.t.	82,0			0,84			5,60	1,90	2,10

Motor type	6RNA112M84E02-V	Degree of protection	IP55
Enclosure	Totally Enclosed Fan Cooling	Mounting type	IM1081
Frame Material	Aluminum	Cooling method	IC411
Frame size	112M	Motor weight - approx.	31 kg
Duty	S1	Gross weight - approx.	32 kg
Voltage	400 V	Motor inertia	0,0100 kgm²
Frequency	50 Hz	Vibration level	according IEC60034-14
Power output	3,6/0,9 kW	Direction of rotation	cw /ccw
Insulation class	F		
Ambient temperature	-20 till 40 °C		
Temperature rise	temp.rise acc. B (80K)		
Temperature rise surface			
Altitude above sea level	1000 mtr		
Hazardous area classification	Safe area		
Rotor type	Cage motor		
Bearing type	6306-2Z/C3WT - 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]
@ Y 400V 50Hz	100%	279%		210%	
@ YY 400V 50Hz	190%	560%		210%	



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



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

