

Model No. 8-Pole cage motor 23RN 315L 177kW D400V 50Hz IM1001

U (V)	Δ / Y Conn	f [Hz]	P [kW]	P [hp]	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]
FL	3/4FL	1/2FL	FL	3/4FL	1/2FL												
400	D	50	177	237,3	341	735	2299,8	IE1	92,5	92,1	90,1	0,81	0,78	0,72	6,50	1,30	2,20

Motor type	23RN315Lx08
Enclosure	IP23 Free circulation
Frame Material	Cast iron
Frame size	315L
Duty	S1
Voltage	400 V
Frequency	50 Hz
Power output	177 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

Rotor type	Cage motor
Bearing type	6319/C3
Lubrication method	45gr/4000hrs
Type of grease	0

Country of origin	CN
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Voltage/Freq	Locked rotor Torque [% nom]	Starting current [% nom]	Pull-up Torque [% nom]	Breakdown Torque [% nom]	No-load Current [A]
@ D 400V 50Hz	130%	648%		220%	

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.

Degree of protection	IP23
Mounting type	IM1001
Cooling method	IC01
Motor weight - approx.	1380 kg
Gross weight - approx.	1420 kg
Motor inertia	6,9000 kgm ²
Vibration level	according IEC60034-14

Direction of rotation	cw /ccw
	PTC 150°C
	No
	No
	No

Schematic presentation of torque-speed curve



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Driving efficiency and sustainability

