

Model No. 6-Pole cage motor 23RN 315X 280kW D400V 50Hz IM3011-FF740

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]
400	D	50	280	375	515	990	2701,0	N/A	94,5	0,83	6,00	1,87	2,32
690	Y				297								
460	D	60	322	431,6	516	1194	2575,5	N/A	93,1	0,84	7,40	1,83	2,27

Motor type	23RN315Xlb06
Enclosure	IP23 Free circulation
Frame Material	Cast iron
Frame size	315X
Duty	S1
Voltage	400 V
Frequency	50 Hz
Power output	280 kW

Insulation class	F
Ambient temperature	-20 till 40 °C
Temperature rise	temp.rise acc. F
Temperature rise winding	75 K
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	187%	600%		232%	140 A
@ D 460V 60Hz	183%	600%		227%	180 A

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	IM3011-FF740
Cooling method	IC01
Motor weight - approx.	1460 kg
Gross weight - approx.	1500 kg
Motor inertia	7,8880 kgm ²
Vibration level	according IEC60034-14

Direction of rotation	cw / ccw
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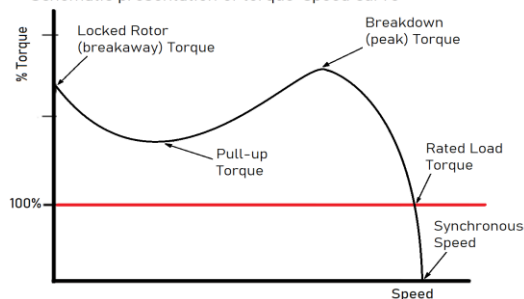
	PTC 150°C
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Schematic presentation of torque-speed curve



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Driving efficiency and sustainability

