

Model No. 4-Pole cage motor 23RN 355M 560kW D400V 50Hz IM3011-FF940

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	560	750,7	966	1485	3601,3	N/A	96,1 95,8	0,87	6,00	1,67	2,32
690	Y				558								
460	D	60	644	863,3	965	1780	3455,2	IE3	96,2	0,87	5,78	1,67	2,32

Motor type	23RN355My04
Enclosure	IP23 Free circulation
Frame Material	Cast iron
Frame size	355M
Duty	S1
Voltage	400 V
Frequency	50 Hz
Power output	560 kW

Insulation class	F
Ambient temperature	-20 till 40 °C
Temperature rise	-
Temperature rise winding	70 K
Temperature rise surface	22 K
Altitude above sea level	1000 mtr
Hazardous area classification	Safe area

Rotor type	Cage motor
Bearing type	6322/C3
Lubrication method	60gr/4000hrs
Type of grease	0

Phase resistance at 20°C	0,0052 Ohm
Country of origin	CN

Voltage/Freq	Locked rotor Torque [% nom]	Starting current [% nom]	Pull-up Torque [% nom]	Breakdown Torque [% nom]	No-load Current [A]
@ D 400V 50Hz	167%	577%	123%	232%	212 A
@ D 460V 60Hz	167%	578%	123%	232%	

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-FF940
Cooling method	IC01
Motor weight - approx.	1940 kg
Gross weight - approx.	2000 kg
Motor inertia	13,5700 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

