

Model No. 4-Pole cage motor QCA 315M 132kW D230V 50Hz IM1001

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	132	175	398	1489	846,6	IE4	96,4	0,86	8,80	1,80	2,20
400	Y				229								

Motor type	QCA315MB4E4
Enclosure	Totally Enclosed Fan Cooling
Frame Material	Cast iron
Frame size	315M
Duty	S1
Voltage	230 V
Frequency	50 Hz
Power output	132 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	40gr/6000hrs
Type of grease	Chevron SRI-2

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 230V 50Hz	180%	879%		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	IP55
Mounting type	IM1001
Cooling method	IC411
Motor weight - approx.	1100 kg
Gross weight - approx.	1130 kg
Motor inertia	4,0300 kgm²
Vibration level	according IEC60034-14

Direction of rotation	cw /ccw
	PTC 150°C

Schematic presentation of torque-speed curve



P000044038



Driving efficiency and sustainability

