

Model No. 2-Pole cage motor QCA 315M 132kW D400V 50Hz IM3011-FF600

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	FL	3/4FL	1/2FL	FL	3/4FL	1/2FL	FL	3/4FL	1/2FL	FL	3/4FL	1/2FL
400	D	50	132	175	225	2984	422,5	IE4	96,2	96,2	94,7	0,88			7,10	2,10	3,60
690	Y				130												
460	D	60	152	203,8	225	3585	404,9	IE4	95,4	95,4	95,1	0,89			7,00	2,10	3,40

Motor type	QCA315MB2E4
Enclosure	Totally Enclosed Fan Cooling
Frame Material	Cast iron
Frame size	315M
Duty	S1
Voltage	400 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

Degree of protection	IP55
Mounting type	IM3011-FF600
Cooling method	IC411
Motor weight - approx.	1070 kg
Gross weight - approx.	1100 kg

Vibration level according IEC60034-14

Direction of rotation cw /ccw

PTC 150°C

Rotor type	Cage motor
Bearing type	6316/C3
Lubrication method	30gr/3000hrs
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 400V 50Hz	210%	706%		360%	
@ D 460V 60Hz	210%	702%		340%	

NOTE

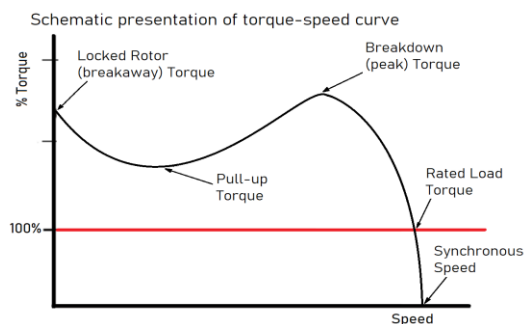
All performance values at rated voltage and frequency.

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



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Driving efficiency and sustainability

