

Model No. 4-Pole cage motor QCA 80M 0,75kW D230V 50Hz IM3011-FF165

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
230	D	50	0,75	1	3	1447	4,9	IE4	85,7	85,7	82,1	0,73			6,30	2,90	3,20
400	Y				1,7												
265	D	60	0,86	1,153	2,94	1753	4,7	IE4	85,7	85,7	82,1	0,74			6,60	2,60	3,20
460	Y				1,7												

Motor type	QCA80MB4E4
Enclosure	Totally Enclosed Fan Cooling
Frame Material	Cast iron
Frame size	80M
Duty	S1
Voltage	230 V
Frequency	50 Hz
Power output	0,75 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-FF165
Cooling method	IC411
Motor weight - approx.	25 kg
Gross weight - approx.	26 kg

Vibration level according IEC60034-14

Direction of rotation cw /ccw

PTC 150°C

Rotor type	Cage motor
Bearing type	6204-2Z/C3WT

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	290%	630%		320%	
@ D 265V 60Hz	260%	173%		320%	

NOTE

All performance values at rated voltage and frequency.

All performance parameters are subjected to standard tolerance as per IEC 60034-1

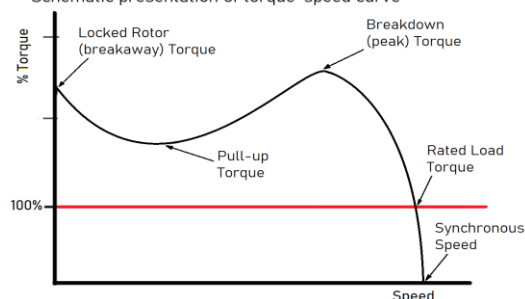
Voltage, Frequency are as per IEC60034-1

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.

Schematic presentation of torque-speed curve



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Driving efficiency and sustainability

