

Model No. 6-Pole cage motor QCA 90S 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 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	0,75	1	3,33	949	7,5	IE4	82,7 82,7 78,8	0,68	5,30	3,00	3,20
400	Y				1,9								
265	D	60	0,86	1,153	3,33	1146	7,2	N/A	82,5 82,5 81,4	0,68	5,70	2,90	3,20

Motor type	QCA90S6E4
Enclosure	Totally Enclosed Fan Cooling
Frame Material	Cast iron
Frame size	90S
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.	29 kg
Gross weight - approx.	30 kg
Vibration level	according IEC60034-14
Direction of rotation	cw /ccw
	PTC 150°C

Rotor type	Cage motor
Bearing type	6205-2Z/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	300%	528%		320%	
@ D 265V 60Hz	290%	570%		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



P000054537
P000054538



Driving efficiency and sustainability

