

Model No. 6-Pole cage motor QCA 132M 4kW D400V 50Hz IM2101-FT165

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	4	5 1/3	8,8	978	39,1	IE4	89,5 89,5 88,0	0,73 0,65 0,51	6,60	2,40	3,00
690	Y				5,08								
460	D	60	4,6	6,166	9,1	1178	37,3	IE2	87,5 87,5 87,0	0,72	5,60	1,10	2,50

Motor type	QCA132MA6E4
Enclosure	Totally Enclosed Fan Cooling
Frame Material	Cast iron
Frame size	132M
Duty	S1
Voltage	400 V
Frequency	50 Hz
Power output	4 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	6208-2Z/C3

Type of grease	Chevron SRI-2
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Country of origin	CN
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Voltage/Freq	Locked rotor Torque [% nom]	Starting current [% nom]	Pull-up Torque [% nom]	Breakdown Torque [% nom]	No-load Current [A]
@ D 400V 50Hz	240%	659%		300%	
@ D 460V 60Hz	110%	561%		250%	

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

Degree of protection	IP55
Mounting type	IM2101-FT165
Cooling method	IC411
Motor weight - approx.	86 kg
Gross weight - approx.	89 kg
Motor inertia	0,0660 kgm²
Vibration level	according IEC60034-14

Direction of rotation	cw /ccw
	PTC 150°C

Schematic presentation of torque-speed curve



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This is an uncontrolled copy, data can be changed anytime.

Driving efficiency and sustainability

