

Model No. 2-Pole cage motor QCA 160M 15kW D400V 50Hz IM3001-FF300

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			
400	D	50	15	20	26,1	2961	48,4	IE4	93,3	93,3	92,1	0,89	0,85	0,75	9,20	3,00	4,40
690	Y				15,1												
460	D	60	17,3	23,19	26,3	3559	46,4	IE4	92,4	92,4	92,0	0,89			9,10	3,00	4,30

Motor type	QCA160MC2E4
Enclosure	Totally Enclosed Fan Cooling
Frame Material	Cast iron
Frame size	160M
Duty	S1
Voltage	400 V
Frequency	50 Hz
Power output	15 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	IM3001-FF300
Cooling method	IC411
Motor weight - approx.	170 kg
Gross weight - approx.	175 kg

Vibration level according IEC60034-14

Direction of rotation cw /ccw

PTC 150°C

Rotor type	Cage motor
Bearing type	6209-2Z/C3WT

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	300%	919%		440%	
@ D 460V 60Hz	300%	908%		430%	

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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