

Model No. 6-Pole cage motor QCA 355M 160kW D400V 50Hz IM3011-FF740

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	160	214,5	290	992	1540,3	IE4	96,2	96,2	95,5	0,83	0,78	0,67	6,70	2,10	2,80
690	Y				167												
460	D	60	184	246,6	288	1191	1475,4	N/A	95,8	95,8	95,5	0,84	0,82	0,72	6,70	2,00	2,70

Motor type	QCA355MA6E4
Enclosure	Totally Enclosed Fan Cooling
Frame Material	Cast iron
Frame size	355M
Duty	S1
Voltage	400 V
Frequency	50 Hz
Power output	160 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	6322/C3
Lubrication method	60gr/5650hrs
Type of grease	Chevron SRI-2

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	210%	668%		280%	
@ D 460V 60Hz	200%	666%		270%	

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.

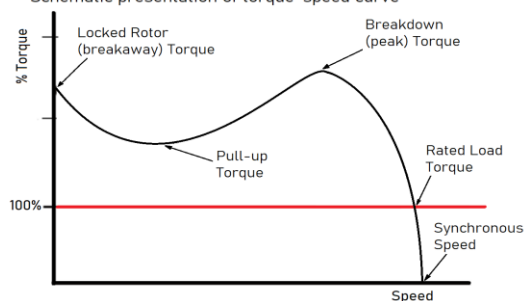
Degree of protection	IP55
Mounting type	IM3011-FF740
Cooling method	IC411
Motor weight - approx.	1730 kg
Gross weight - approx.	1780 kg
Motor inertia	9,9148 kgm ²

Vibration level	according IEC60034-14
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Direction of rotation	cw /ccw
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	PTC 150°C
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Schematic presentation of torque-speed curve



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Driving efficiency and sustainability

