

Model No. 4-Pole cage motor QCA 132M 7,5kW 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			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	7,5	10	15,3	1472	48,7	IE4	92,6	92,6	91,5	0,77			7,50	3,00	3,40
690	Y				8,8												
460	D	60	8,6	11,53	14,9	1775	46,3	IE4	92,4	92,4	92,0	0,78			7,70	3,00	3,30

Motor type	QCA132M4E4
Enclosure	Totally Enclosed Fan Cooling
Frame Material	Cast iron
Frame size	132M
Duty	S1
Voltage	400 V
Frequency	50 Hz
Power output	7,5 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	IM2101-FT165
Cooling method	IC411
Motor weight - approx.	97 kg
Gross weight - approx.	100 kg

Vibration level **according IEC60034-14**

Direction of rotation **cw /ccw**

PTC 150°C

Rotor type	Cage motor
Bearing type	6208-2Z/C3

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 400V 50Hz	300%	745%		340%	
@ D 460V 60Hz	300%	771%		330%	

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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