

Model No. 8-Pole cage motor TCA 200L 15kW D400V 50Hz IM2001-FF350

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	15	20	32,9	739	193,8	IE3	90,4	0,73	5,47	1,89	2,47
690	Y				19								
460	D	60	18	24,13	33,1	888	193,6	IE3	90,2	0,76	5,37	1,75	2,25
					19,1								

Motor type	TCA200LA8E3
Enclosure	Totally Enclosed Fan Cooling
Frame Material	Cast iron
Frame size	200L
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

Rotor type	Cage motor
Bearing type	6212/C3
Lubrication method	20gr/16200hrs
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	189%	547%		247%	18,4 A
@ D 460V 60Hz	175%	537%		225%	

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	IM2001-FF350
Cooling method	IC411
Motor weight - approx.	290 kg
Gross weight - approx.	300 kg
Motor inertia	1,7500 kgm²
Vibration level	according IEC60034-14

Direction of rotation	cw /ccw
	PTC 150°C

Schematic presentation of torque-speed curve



P000019643
P000019644



Driving efficiency and sustainability

