

Model No. 2-Pole cage motor TCA 200L 30kW D400V 50Hz IM3001-FF350

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	30	40	54,4	2973	96,4	IE3	93,4	93,5	92,6	0,85	0,80	0,70	7,40	2,10	3,70
690	Y				31,4												
460	D	60	33,5	44,91	54,1	3572	89,6	IE3	93,0	93,0	92,0	0,86	0,84	0,75	7,40	2,10	3,70

Motor type	TCA200LA2E3
Enclosure	Totally Enclosed Fan Cooling
Frame Material	Cast iron
Frame size	200L
Duty	S1
Voltage	400 V
Frequency	50 Hz
Power output	30 kW
Insulation class	F
Ambient temperature	-20 till 40 °C
Temperature rise	-
Temperature rise winding	65 K
Temperature rise surface	30 K
Altitude above sea level	1000 mtr
Hazardous area classification	Safe area

Rotor type	Cage motor
Bearing type	6212/C3
Lubrication method	20gr/5600hrs
Type of grease	Chevron SRI-2

Phase resistance at 20°C	0,2580 Ohm
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	210%	738%		370%	20,9 A
@ D 460V 60Hz	210%	739%		370%	

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	IM3001-FF350
Cooling method	IC411
Motor weight - approx.	230 kg
Gross weight - approx.	237 kg
Motor inertia	0,2400 kgm²
Vibration level	according IEC60034-14
Direction of rotation	cw /ccw
	PTC 150°C

Schematic presentation of torque-speed curve



P000019637

P000019638



Driving efficiency and sustainability

