

Model No. 6-Pole cage motor 6RD 132M 5,5kW D400V 50Hz IM3001-FF265

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	5,5	7 1/3	11,7	973	54,0	IE3	87,6	0,77	6,26	2,30	
690	Y				6,81								
460	D	60	6,3	8,445	11,7	1168	51,5	IE1	87,6	0,77	6,30	2,30	

Motor type	6RD132MB6E3
Enclosure	Totally Enclosed Fan Cooling
Frame Material	Cast iron
Frame size	132M
Duty	S1
Voltage	400 V
Frequency	50 Hz
Power output	5,5 kW
Insulation class	F
Ambient temperature	-20 till 40 °C
Temperature rise	-
Temperature rise surface	
Altitude above sea level	1000 mtr
Hazardous area classification	ExII2G Ex db eb IIC T4 Gb

Rotor type	Cage motor
Bearing type	6308-2Z/C3

Type of grease	Unirex N3
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Country of origin	IT
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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	230%	630%			6,37 A
@ D 460V 60Hz	230%	630%			

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-FF265
Cooling method	IC411
Motor weight - approx.	142 kg
Gross weight - approx.	146 kg
Motor inertia	0,0536 kgm ²
Vibration level	according IEC60034-14
Direction of rotation	cw / ccw
	PTC 150°C

Schematic presentation of torque-speed curve



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Driving efficiency and sustainability

