

Model No. 4-Pole cage motor 6RD 71A 0,25kW D230V 50Hz IM1001

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]
230	D	50	0,25	1/3	1,29	1413	1,7	IE2	69,2	0,70	3,61	2,30	2,60
400	Y				0,75								
265	D	60	0,29	0,389	1,35	1693	1,6	IE2	70,0 68,3 62,0	0,67 0,58 0,44	3,20	1,95	2,45
460	Y				0,78								

Motor type	6RD71A4E2
Enclosure	Totally Enclosed Fan Cooling
Frame Material	Cast iron
Frame size	71A
Duty	S1
Voltage	230 V
Frequency	50 Hz
Power output	0,25 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
Te time	0 sec

Rotor type	Cage motor
Bearing type	6203-2Z

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 230V 50Hz	230%	362%		260%	0,866 A
@ D 265V 60Hz	195%	185%		245%	

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	IM1001
Cooling method	IC411
Motor weight - approx.	19 kg
Gross weight - approx.	20 kg
Motor inertia	0,0006 kgm ²
Vibration level	according IEC60034-14

Direction of rotation	cw /ccw
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Schematic presentation of torque-speed curve



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Driving efficiency and sustainability

