

Model No. 4-Pole cage motor 5RN 71M 0,37kW D400V 50Hz IM1081

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	0,37	1/2	1,03	1385	2,6	IE2	71,8	0,73	3,75	2,20	2,25
690	Y				0,594								
460	D	60	0,43	0,576	1,06	1685	2,4	IE2	74,5	0,73	3,90	2,30	2,30

Motor type	5RN71M04E23
Enclosure	Totally Enclosed Fan Cooling
Frame Material	Aluminum
Frame size	71M
Duty	S1
Voltage	400 V
Frequency	50 Hz
Power output	0,37 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
Te time	0 sec

Degree of protection	IP55
Mounting type	IM1081
Cooling method	IC411
Motor weight - approx.	07 kg
Gross weight - approx.	07 kg
Motor inertia	0,0010 kgm ²
Vibration level	according IEC60034-14

Direction of rotation cw /ccw

Rotor type	Cage motor
Bearing type	6202-2Z/C3WT

Type of grease	Unirex N3
----------------	-----------

Phase resistance at 20°C	63,0000 Ohm
Country of origin	CZ

Voltage/Freq	Locked rotor Torque [% nom]	Starting current [% nom]	Pull-up Torque [% nom]	Breakdown Torque [% nom]	No-load Current [A]
@ D 400V 50Hz	220%	374%	160%	225%	0,71 A
@ D 460V 60Hz	230%	389%	160%	230%	0,66 A

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.

Schematic presentation of torque-speed curve



P000047380
P000047381



Driving efficiency and sustainability

