Datasheet

marathon™ Motors

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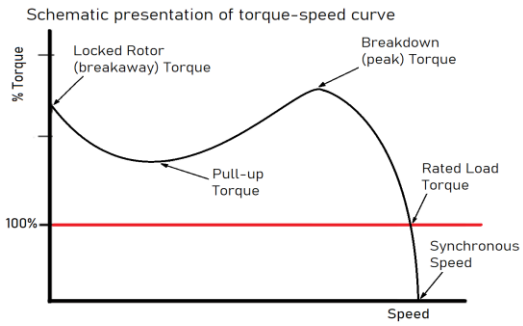
Model No. 4-Pole cage motor MAH 71M 0,25kW D230V 50Hz IM1081

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]
230	D	50	0,25	1/3	1,37	1325	1,8	IE2	63,0			0,78			3,20	1,70	1,70
400	Y				0,79												

Motor type	**MAH71M4A**	Degree of protection	**IP55**
Enclosure	**Totally Enclosed Fan Cooling**	Mounting type	**IM1081**
Frame Material	**Aluminum**	Cooling method	**IC411**
Frame size	**71M**	Motor weight - approx.	**07** kg
Duty	**S1**	Gross weight - approx.	**07** kg
Voltage	**230** V	Motor inertia	**0,0006** kgm²
Frequency	**50** Hz		
Power output	**0,25** kW	Vibration level	**according IEC60034-14**
Insulation class	**F**		
Ambient temperature	**-20 till 40** °C		
Temperature rise	**temp.rise acc. B (80K)**		
Temperature rise surface		Direction of rotation	**cw /ccw**
Altitude above sea level	**1000** mtr		
Hazardous area classification	**Safe area**		**PTC 150°C**
Rotor type	**Cage motor**		
Bearing type	**6202-2Z/C3WT**		
Type of grease	**0**		
Country of origin	**TR**		

Voltage/Freq	Locked rotor Torque [% nom]	Starting current [% nom]	Pull-up Torque [% nom]	Breakdown Torque [% nom]	No-load Current [A]
@ D 230V 50Hz	170%	321%		170%	



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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.