

Model No. 4-Pole cage motor 6RD 80M 0,75kW D230V 50Hz IM3001-FF165

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	0,75	1	2,94	1428	5,0	IE3	82,9	0,77	6,27	2,80	2,80
400	Y				1,7								
265	D	60	0,86	1,153	2,31	1714	4,8	IE2	82,9	0,77	6,70	2,50	2,50
460	Y				1,7								

Motor type **6RD80MB4E3**
Enclosure **Totally Enclosed Fan Cooling**
Frame Material **Cast iron**
Frame size **80M**
Duty **S1**
Voltage **230 V**
Frequency **50 Hz**
Power output **0,75 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 **6204-2Z**

Type of grease **Unirex N3**

Country of origin **IT**

Voltage/Freq	Locked rotor Torque [% nom]	Starting current [% nom]	Pull-up Torque [% nom]	Breakdown Torque [% nom]	No-load Current [A]
@ D 230V 50Hz	280%	625%		280%	1,73 A
@ D 265V 60Hz	250%	670%		250%	

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

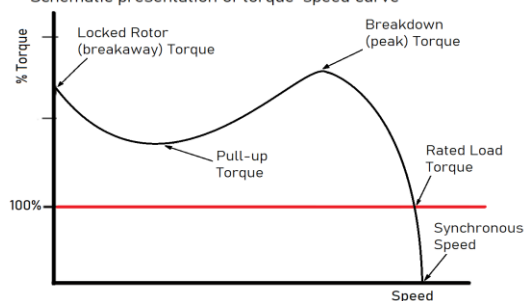
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Degree of protection **IP55**
Mounting type **IM3001-FF165**
Cooling method **IC411**
Motor weight - approx. **35 kg**
Gross weight - approx. **36 kg**
Motor inertia **0,0018 kgm²**

Vibration level **according IEC60034-14**

Direction of rotation **cw /ccw**

Schematic presentation of torque-speed curve



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Driving efficiency and sustainability

