

Model No. 8-Pole cage motor 6RD 180L 11kW D400V 50Hz IM3001-FF300

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	11	15	23,3	731	143,7	IE3	88,6	88,9	88,1	0,77	0,71	0,60	5,70	1,80	2,30
460	D	60	11	15	20,8	880	119,4	IE3	89,5	89,5	87,9	0,74	0,68	0,55	5,86	1,84	

Motor type	6RD180L8E3	Degree of protection	IP55
Enclosure	Totally Enclosed Fan Cooling	Mounting type	IM3001-FF300
Frame Material	Cast iron	Cooling method	IC411
Frame size	180L	Motor weight - approx.	350 kg
Duty	S1	Gross weight - approx.	360 kg
Voltage	400 V	Motor inertia	0,2874 kgm²
Frequency	50 Hz		
Power output	11 kW	Vibration level	according IEC60034-14
Insulation class	F		
Ambient temperature	-20 till 40 °C		
Temperature rise	-		
Temperature rise surface		Direction of rotation	cw /ccw
Altitude above sea level	1000 mtr		
Hazardous area classification	ExII2G Ex db eb IIC T4 Gb		PTC 150°C
Rotor type	Cage motor		
Bearing type	6310-2Z/C3		
Type of grease	Unirex N3		

	Locked rotor Torque [% nom]	Starting current [% nom]	Pull-up Torque [% nom]	Breakdown Torque [% nom]	No-load Current [A]
@ D 400V 50Hz	180%			230%	
@ D 460V 60Hz	184%	581%			

NOTE

All performance values at rated voltage and frequency.

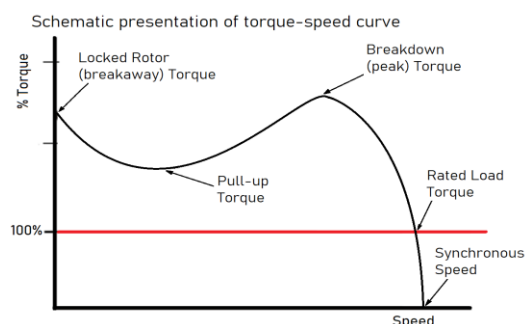
All performance parameters are subjected to standard tolerance as per IEC 60034-1

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.



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