

Model No. 2-Pole cage motor 6RD 280S 90kW D400V 50Hz IM1001

[illegible]

Motor type	6RD280SM2E3	Degree of protection	IP55
Enclosure	Totally Enclosed Fan Cooling	Mounting type	IM1001
Frame Material	Cast iron	Cooling method	IC411
Frame size	280S	Motor weight - approx.	1070 kg
Duty	S1	Gross weight - approx.	1100 kg
Voltage	400 V	Motor inertia	1,1238 kgm²
Frequency	50 Hz		
Power output	90 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		
Rotor type	Cage motor		
Bearing type	6316-2Z/C3		
Type of grease	Unirex N3		

Voltage/Freq	Locked rotor Torque [% nom]	Starting current [% nom]	Pull-up Torque [% nom]	Breakdown Torque [% nom]	No-load Current [A]
@ D 400V 50Hz	180%	726%		300%	46,6 A

NOTE

All performance values at rated voltage and frequency.

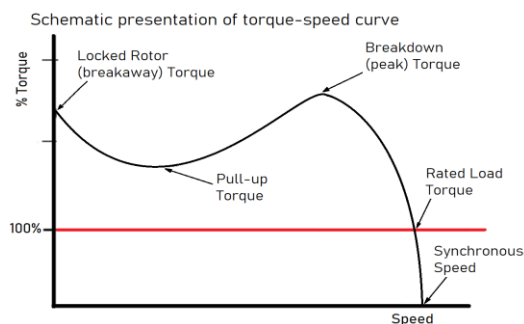
All performance parameters are subjected to standard tolerance as per IEC 60034-1

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.



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