

Model No. 4-Pole cage motor 6RN 280S 88kW D440V 60Hz IM1041

[illegible]

Motor type	6RN280S04E30	Degree of protection	IP55
Enclosure	Totally Enclosed Fan Cooling	Mounting type	IM1041
Frame Material	Cast iron	Cooling method	IC411
Frame size	280S	Motor weight - approx.	560 kg
Duty	S1	Gross weight - approx.	580 kg
Voltage	440 V	Motor inertia	1,4000 kgm²
Frequency	60 Hz		
Power output	88 kW	Vibration level	according IEC60034-14
		Noise level (pressure) acc 60034-9	70 dB(A)
Insulation class	F		
Ambient temperature	-20 till 40 °C		
Temperature rise	temp.rise acc. B		
Temperature rise winding	60 K		
Temperature rise surface	29 K	Direction of rotation	cw /ccw
Altitude above sea level	1000 mtr		
Hazardous area classification	Safe area		
Rotor type	Cage motor		
Bearing type	6317/C3		
Lubrication method	30gr/8000hrs		
Type of grease	Unirex N3		

Country of origin	CZ
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Voltage/Freq	Locked rotor Torque [% nom]	Starting current [% nom]	Pull-up Torque [% nom]	Breakdown Torque [% nom]	No-load Current [A]
@ D 440V 60Hz	208%	643%	169%	248%	38,2 A

NOTE

All performance values at rated voltage and frequency.

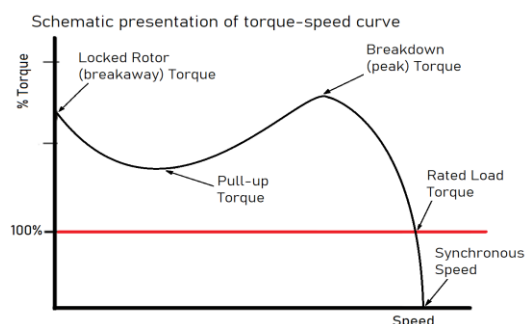
All performance parameters are subjected to standard tolerance as per IEC 60034-1

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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