

Model No. 8-Pole cage motor 6RN 225S 18,5kW D400V 50Hz IM1041

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	18,5	24,8	38,5	732	241,4	N/A	89,5 89,9 89,5	0,78	5,40	2,20	2,70
690	Y				22,2								

Motor type	6RN225S08E20
Enclosure	Totally Enclosed Fan Cooling
Frame Material	Cast iron
Frame size	225S
Duty	S1
Voltage	400 V
Frequency	50 Hz
Power output	18,5 kW
Insulation class	F
Ambient temperature	-20 till 40 °C
Temperature rise	-
Temperature rise surface	
Altitude above sea level	1000 mtr
Hazardous area classification	Safe area

Degree of protection	IP55
Mounting type	IM1041
Cooling method	IC411
Motor weight - approx.	250 kg
Gross weight - approx.	260 kg
Vibration level	according IEC60034-14
Noise level (pressure) acc 60034-9	59 dB(A)

Rotor type	Cage motor
Bearing type	6313/C3
Lubrication method	22gr/16000hrs
Type of grease	Unirex N3

Country of origin CZ

Voltage/Freq	Locked rotor Torque [nom]	Starting current [% nom]	Pull-up Torque [% nom]	Breakdown Torque [% nom]	No-load Current [A]
@ D 400V 50Hz	220%	537%		270%	

NOTE

All performance values at rated voltage and frequency.

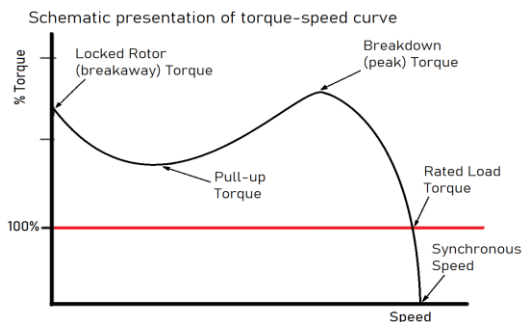
All performance parameters are subjected to standard tolerance as per IEC 60034-1

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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