

Model No. 4-Pole cage motor 6RN 315S 90kW D440V 60Hz IM1011

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]
440	D	60	90	120	142	1790	480,2	IE3	95,9	0,87	9,06	2,59	2,82

Motor type	6RN315S04E30	Degree of protection	IP55
Enclosure	Totally Enclosed Fan Cooling	Mounting type	IM1011
Frame Material	Cast iron	Cooling method	IC411
Frame size	315S	Motor weight - approx.	760 kg
Duty	S1	Gross weight - approx.	780 kg
Voltage	440 V	Motor inertia	2,2000 kgm ²
Frequency	60 Hz	Vibration level	according IEC60034-14
Power output	90 kW	Noise level (pressure) acc 60034-9	0 dB(A)
Insulation class	F		
Ambient temperature	-20 till 40 °C		
Temperature rise	temp.rise acc. B		
Temperature rise winding	40 K		
Temperature rise surface	17 K	Direction of rotation	cw /ccw
Altitude above sea level	1000 mtr		
Hazardous area classification	Safe area		PTC 150°C
Te time	0 sec		
Rotor type	Cage motor		
Bearing type	6319/C3		
Lubrication method	40gr/6000hrs		
Type of grease	Unirex N3		

Country of origin CZ

	Locked rotor Torque [% nom]	Starting current [% nom]	Pull-up Torque [% nom]	Breakdown Torque [% nom]	No-load Current [A]
@ D 440V 60Hz	259%	901%	210%	282%	50,8 A

NOTE

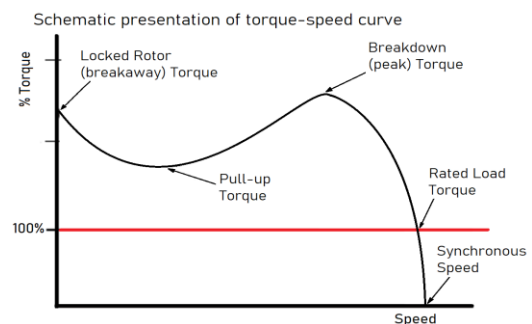
All performance values at rated voltage and frequency.

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



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