

PRODUCT INFORMATION PACKET



Model No: 6RN315L06E45U461041

Catalog No: 6RN315L06E45U46@1041

132.00 kW General Purpose Low Voltage IEC Motor IE3, 3 phase, 1000 rpm, D400/Y690V 50Hz,
315L Frame B3, IC411



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Nameplate Specifications

Technical Specifications

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Model No. 6-Pole cage motor 6RN 315L 132kW 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	132	175				IE3					
690	Y												
460	D	60	132	175				IE3					

Motor type	6RN315L06E45	Degree of protection	IP55
Enclosure	Totally Enclosed Fan Cooling	Mounting type	IM1041
Frame Material	Cast iron	Cooling method	IC411
Frame size	315L	Motor weight - approx.	990 kg
Duty	S1	Gross weight - approx.	1020 kg
Voltage	400 V		
Frequency	50 Hz		
Power output	132 kW		
		Vibration level	according IEC60034-14
Insulation class	F		
Ambient temperature	-20 till 40 °C		
Temperature rise	temp.rise acc. B (80K)		
Temperature rise surface		Direction of rotation	cw /ccw
Altitude above sea level	1000 mtr		
Hazardous area classification	Safe area		PTC 150°C

Rotor type	Cage motor
Bearing type	6319/C3
Lubrication method	40gr/6000hrs
Type of grease	Unirex N3

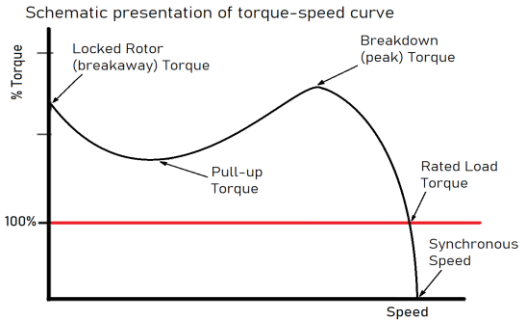
Country of origin	CZ
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Voltage/Freq	Locked rotor Torque [% nom]	Starting current [% nom]	Pull-up Torque [% nom]	Breakdown Torque [% nom]	No-load Current [A]
@ D 400V 50Hz					
@ D 460V 60Hz					

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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