

Model No. 4-Pole cage motor 5RN 90L 1,5kW D400V 50Hz IM3641-FT115

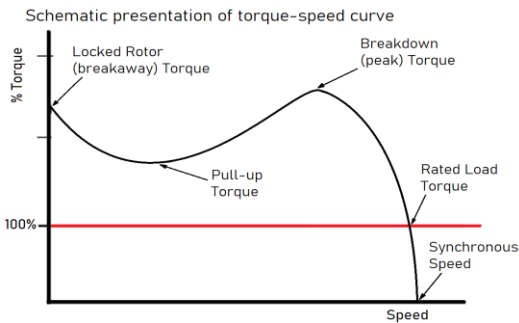
U (V)	Δ / Y Conn	f [Hz]	P [kW]	P [hp]	I [A]	n [RPM]	T [Nm]	IE Class	% EFF at __ load			PF at __load			I _A /I _N [pu]	T _A /T _N [pu]	T _K /T _N [pu]
FL	3/4FL	1/2FL	FL	3/4FL	1/2FL												
400	D	50	1,5	2	3,41	1440	9,9	IE2	82,8	82,8		0,77			6,70	3,10	3,40
690	Y				1,97												

Motor type	5RN90L04E26	Degree of protection	IP55
Enclosure	Totally Enclosed Fan Cooling	Mounting type	IM3641-FT115
Frame Material	Cast iron	Cooling method	IC411
Frame size	90L	Motor weight - approx.	16 kg
Duty	S1	Gross weight - approx.	16 kg
Voltage	400 V		
Frequency	50 Hz		
Power output	1,5 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	Safe area		
Te time	0 sec		
Rotor type	Cage motor		
Bearing type	6205-2Z/C3WT		
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 400V 50Hz	310%	668%		340%	

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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