

Model No. 2-Pole cage motor 6RN 132S 5,5kW D400V 50Hz IM2181-FT165

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	5,5	7 1/3	10,2	2952	17,8	IE2	88,0 87,5	0,87	6,70	1,80	2,90
690	Y				5,91								
460	D	60	6,3	8,445	10,1	3549	17,0	IE2	88,5	0,88	7,70	2,20	3,50

Motor type	6RN132S02E20
Enclosure	Totally Enclosed Fan Cooling
Frame Material	Cast iron
Frame size	132S
Duty	S1
Voltage	400 V
Frequency	50 Hz
Power output	5,5 kW
Insulation class	F
Ambient temperature	-20 till 40 °C
Temperature rise	temp.rise acc. F
Temperature rise winding	71 K
Temperature rise surface	35 K
Altitude above sea level	1000 mtr
Hazardous area classification	Safe area

Rotor type	Cage motor
Bearing type	6308-2Z/C3WT

Type of grease	Unirex N3
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Phase resistance at 20°C	3,0400 Ohm
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	180%	672%	160%	290%	4,31 A
@ D 460V 60Hz	220%	767%	210%	350%	3,76 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

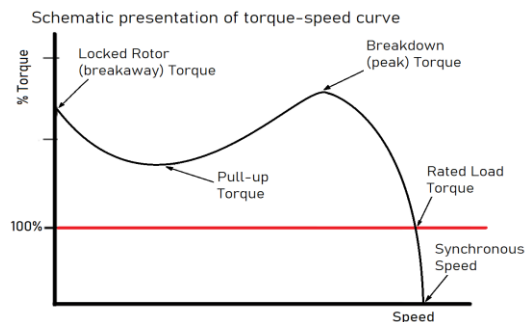
Technical data are subject to change. There may be discrepancies between calculated and name plate values.

Efficiency	Europe	Global IEC
Standards	EN-IEC: 60034-30	IEC: 60034-30

This is an uncontrolled copy, data can be changed anytime.

Degree of protection	IP55
Mounting type	IM2181-FT165
Cooling method	IC411
Motor weight - approx.	59 kg
Gross weight - approx.	61 kg
Motor inertia	0,0200 kgm ²
Vibration level	according IEC60034-14

Direction of rotation	cw / ccw
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Driving efficiency and sustainability

