

Model No. 2-Pole cage motor 6RN 132S 7,5kW 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	7,5	10	13,9	2953	24,3	IE2	88,6 88,6	0,87	7,50	2,20	3,10
690	Y				8,05								
460	D	60	8,6	11,53	13,7	3550	23,1	IE2	89,5	0,88	7,55	1,98	3,00

Motor type	6RN132S02E21
Enclosure	Totally Enclosed Fan Cooling
Frame Material	Cast iron
Frame size	132S
Duty	S1
Voltage	400 V
Frequency	50 Hz
Power output	7,5 kW
Insulation class	F
Ambient temperature	-20 till 40 °C
Temperature rise	temp.rise acc. H
Temperature rise winding	80 K
Temperature rise surface	
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
----------------	-----------

Phase resistance at 20°C	1,9500 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	220%	748%	210%	310%	5,68 A
@ D 460V 60Hz	198%	751%	175%	300%	4,93 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.

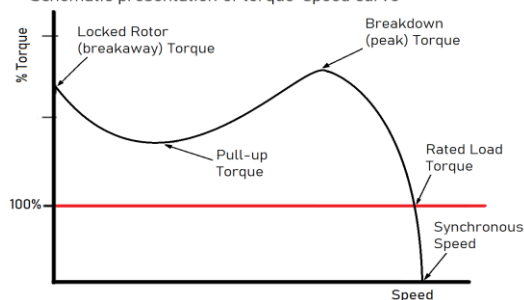
Efficiency	Europe	Global IEC
Standards	EN-IEC: 60034-30	IEC: 60034-30

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

Degree of protection	IP55
Mounting type	IM2181-FT165
Cooling method	IC411
Motor weight - approx.	63 kg
Gross weight - approx.	65 kg
Motor inertia	0,0280 kgm ²
Vibration level	according IEC60034-14

Direction of rotation	cw / ccw
-----------------------	----------

Schematic presentation of torque-speed curve



P000011868
P000011869



Driving efficiency and sustainability

