

Model No. 2-Pole cage motor 6RN 132M 11kW 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	11	15	19,8	2950	35,6	IE3	91,2 91,2 90,2	0,89 0,83 0,75	9,48	2,20	4,30
690	Y				11,4								
460	D	60	12,6	16,89	19,3	3555	33,8	IE3	91,8	0,90	9,75	2,13	4,53

Motor type	6RN132M02E36
Enclosure	Totally Enclosed Fan Cooling
Frame Material	Cast iron
Frame size	132M
Duty	S1
Voltage	400 V
Frequency	50 Hz
Power output	11 kW
Insulation class	F
Ambient temperature	-20 till 40 °C
Temperature rise	temp.rise acc. B
Temperature rise winding	62 K
Temperature rise surface	
Altitude above sea level	1000 mtr
Hazardous area classification	Safe area
Te time	0 sec

Degree of protection	IP55
Mounting type	IM2181-FT165
Cooling method	IC411
Motor weight - approx.	77 kg
Gross weight - approx.	79 kg
Motor inertia	0,0310 kgm ²
Vibration level	according IEC60034-14
Noise level (pressure) acc 60034-9	68 dB(A)

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

Type of grease	Unirex N3
----------------	-----------

Phase resistance at 20°C	1,2756 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%	944%	214%	430%	7,5 A
@ D 460V 60Hz	213%	974%	208%	453%	6,27 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.

Schematic presentation of torque-speed curve



P000017170
P000047834



Driving efficiency and sustainability

