

Model No. 4-Pole cage motor 6RN 132M 7,5kW D400V 50Hz IM1081

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	7,5	10	14,2	1465	48,9	IE3	90,9	91,3	90,6	0,84	0,80	0,71	8,20	2,44	3,46
690	Y				8,3												
460	D	60	8,6	11,53	14	1765	46,5	IE2	90,7	91,2	90,7	0,85	0,81	0,73	8,05	2,09	3,46

Motor type	6RN132M04E32
Enclosure	Totally Enclosed Fan Cooling
Frame Material	Cast iron
Frame size	132M
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. B
Temperature rise winding	46 K
Temperature rise surface	21 K
Altitude above sea level	1000 mtr
Hazardous area classification	Safe area
Te time	0 sec

Degree of protection	IP55
Mounting type	IM1081
Cooling method	IC411
Motor weight - approx.	81 kg
Gross weight - approx.	83 kg
Motor inertia	0,0460 kgm ²
Vibration level	according IEC60034-14

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

Type of grease	Unirex N3
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Phase resistance at 20°C	1,2000 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	244%	816%	210%	346%	5,36 A
@ D 460V 60Hz	209%	807%	176%	346%	5,15 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



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