

Model No. 4-Pole cage motor 5RN 132M 7,5kW D400V 50Hz IM3641-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	15,7	1455	49,2	IE1	86,3 85,4 83,0	0,80 0,74 0,60	7,19	2,49	3,20
690	Y				9,06								
460	D	60	8,6	11,53	15	1750	46,9	N/A	88,5 88,7 87,7	0,83 0,75 0,63	7,28	2,44	3,62

Motor type	5RN132M04
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. H
Temperature rise winding	80 K
Temperature rise surface	44 K
Altitude above sea level	1000 mtr
Hazardous area classification	Safe area

Degree of protection	IP55
Mounting type	IM3641-FT165
Cooling method	IC411
Motor weight - approx.	64 kg
Gross weight - approx.	66 kg
Vibration level	according IEC60034-14
Noise level (pressure) acc 60034-9	0 dB(A)

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

Type of grease	Unirex N3
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Phase resistance at 20°C	1,8000 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	249%	719%	241%	320%	8,95 A
@ D 460V 60Hz	244%	726%	236%	362%	7,6 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.



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