# PRODUCT INFORMATION PACKET

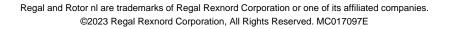


Model No: 6RN132M06E32U241081 Catalog No: 6RN132M06E32U24@1081 4.00 kW General Purpose Low Voltage IEC Motor IE3, 3 phase, 1000 rpm, D230/Y400V 50Hz,

220/ Frame B2 10414

132M Frame B3, IC411









## Nameplate Specifications

Output HP	5.50 Hp Output KW		4.0 kW
Frequency	50 Hz	Voltage	D230/Y400 V
Current	<b>14.62 A</b> Speed		970 rpm
Service Factor	1	Phase	3
Efficiency	86.8 %	Power Factor	0.79
Duty	<b>S</b> 1	Insulation Class	F
Frame	132M	Enclosure	Totally Enclosed Fan Cooled
Thermal Protection	No Protection	Ambient Temperature	40 °C
Drive End Bearing Size	6308-2Z/C3WT (-40°C/+160°C)	Opp Drive End Bearing Size	6308-2Z/C3WT (-40°C/+160°C)
UL	<b>No</b> CSA		Optional
CE	Yes	IP Code	IP55
Number of Speeds 1		Efficiency Class	IE3

## **Technical Specifications**

Electrical Type	Squirrel Cage	Starting Method	Direct On Line	
Poles	6	Rotation	Clockwise Shaft End	
Mounting	В3	Motor Orientation	Any	
Frame Material	Cast iron	Shaft Type	Keyed	
Shaft Diameter	38 mm	Shaft Extension	80 mm	
Outline Drawing	6RN132M06E32_1041			

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#### **Datasheet**





Mors 1-5, 7151 MX Eibergen NL www.rotor.nl tel.: +31 545 464640 sales@rotor.nl tel.: +31 545 464646

Model No.

6-Pole cage motor 6RN 132M 4kW D230V 50Hz IM1081

U	Δ/Υ	f	Р	Р	I	n	T	IE	% EI	F at	load	PF	atlo	ad	I <sub>A</sub> /I <sub>N</sub>	T <sub>A</sub> /T <sub>N</sub>	T <sub>K</sub> /T <sub>N</sub>	
(V)	Conn	[Hz]	[kW]	[hp]	[A]	[RPM]	[Nm]	Class	FL	3/4FL	1/2FL	FL	3/4FL	1/2FL	[pu]	[pu]	[pu]	
230	D	50	4	5 1/3	14,6	970	39	IE3	86,8	86,8	85,8	0,79	0,74	0,63	6,60	1,90	3,00	
400	Υ				8,4													

Motor type	6RN132M06E32
Enclosure	<b>Totally Enclosed Fan Cooling</b>
Frame Material	Cast iron
Frame size	132M
Duty	<b>S1</b>
Voltage	230 V
Frequency	<b>50</b> Hz
Power output	<b>4</b> kW
Insulation class	F
Ambient temperature	<b>-20 till 40</b> °C
Temperature rise	temp.rise acc. B (80K)
Temperature rise surface	

IP55
IM1081
IC411
<b>68</b> kg
<b>70</b> kg
<b>0,0370</b> kgm²

Vibration level	according IEC60034-14
Noise level (pressure) acc 60034-9	<b>63</b> dB(A)

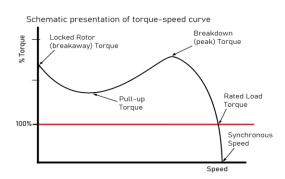
Altitude above sea level	<b>1000</b> mtr
Hazardous area classification	Safe area

Direction of rotation	cw/ccw

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

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 230V 50Hz	190%	660%	155%	300%	



#### 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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### 6RN132M06E32 6-pole 4,00kW D/Y 230/400V 50Hz S1 IC411 IE3



Torque versus Speed curve with variable frequency drive



