


# DATA SHEET FOR THREE-PHASE SQUIRREL-CAGE MOTOR

## Type: DM3 132S2

Electrical data				General data		
Rated motor frequency	50Hz	60Hz		Frame size	132	mm
Rated motor power	5,5	6,6	kW	Mounting	B3,B5,B35	
Rated motor speed	2900	3480	RPM	Weight	56kg	
Rated motor voltage	400 / 690	440 - 480	V	Casing material	Cast Iron	
Rated motor torque	18		Nm	Protection	IP	55
Rated motor current	10,53 / 6,10	11,48 - 10,53	A	Insulation class	F	
Starting motor current	8,2		xIn	Temp. Rise	80K	
Starting motor torque	2,2		xMn	Vibration	2,8mm/s	
Brakedown motor torque	2,3			Duty	S1	
Starting			D.O.L	Dir. Rotation	Both	
Efficiency class				PTC	3 x 150°C	
Efficiency	85,70%		100% load	RAL	7031	
	86,00%		75% load	<b>Site Conditions</b>		
	85,00%		50% load	Ambient temperature	from -20°C to +40°C	
Power factor cosp	0,88		100% load	Altitude above sea level	1000 m	

Mechanical data					
Noise level	80	dB(A)	Bearing DE side	6308 ZZ C3	
Moment of inertia	0,0101	kg/m <sup>2</sup>	Bearing NDE side	6308 ZZ C3	

Certification:	Extras:											
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<table border="1" style="width: 100%;"> <thead> <tr> <th>Drawing made by</th> <th>Date</th> <th>sign.</th> </tr> </thead> <tbody> <tr> <td>Dennis Barrit</td> <td>26-10-2020</td> <td> </td> </tr> <tr> <td> </td> <td> </td> <td> </td> </tr> </tbody> </table>				Drawing made by	Date	sign.	Dennis Barrit	26-10-2020				
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There may be differences between rating plate and calculated values