


# DATA SHEET FOR THREE-PHASE SQUIRREL-CAGE MOTOR

## Type: DM3 180L4

Electrical data				General data		
Rated motor frequency	50Hz	60Hz		Frame size	180	mm
Rated motor power	22,0	26,4	kW	Mounting	B3,B5,B35	
Rated motor speed	1475	1770	RPM	Weight	178kg	
Rated motor voltage	230 / 400	255 - 480	V	Casing material	Cast Iron	
Rated motor torque	142		Nm	Protection	IP	55
Rated motor current	71,0 / 40,8	76,8 - 40,8	A	Insulation class	F	
Starting motor current	7,8		xIn	Temp. Rise	80K	
Starting motor torque	2,0		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	90,50%		100% load	RAL	7031	
	90,60%		75% load	<b>Site Conditions</b>		
	89,90%		50% load	Ambient temperature	from -20°C to +45°C	
Power factor cosφ	0,86		100% load	Altitude above sea level	1000 m	

Mechanical data					
Noise level	76	dB(A)	Bearing DE side	6311 ZZ C3	
Moment of inertia	0,1642	kg/m2	Bearing NDE side	6311 ZZ C3	

Certification:	Extras:		
	ACCORDING TO BV		
<b>Drawing made by</b>		<b>Date</b>	<b>sign.</b>
Dennis Barrit		26-10-2020	

There may be differences between rating plate and calculated values