

DATA SHEET FOR THREE-PHASE SQUIRREL-CAGE MOTOR


Type: DM3-IE2 160M2

Electrical data			
Rated motor frequency	50Hz	60Hz	
Rated motor power	11,0	13,2	kW
Rated motor speed	2935	3522	RPM
Rated motor voltage	400 / 690	440 - 480	V
Rated motor torque	36		Nm
Rated motor current	19,96 / 11,57	21,77 - 19,96	A
Starting motor current	7,5		xIn
Starting motor torque	2,2		xMn
Brakedown motor torque	2,3		
Starting			D.O.L
Efficiency class	IE2		
Efficiency	89,40%		100% load
	88,80%		75% load
	88,40%		50% load
Power factor cosp	0,89		100% load

General data		
Frame size	160	mm
Mounting	B3,B5,B35	
Weight	112kg	
Casing material	Cast Iron	
Protection	IP	55
Insulation class	F	
Temp. Rise	80K	
Vibration	2,8mm/s	
Duty	S1	
Dir. Rotation	Both	
PTC	3 x 150°C	
RAL	7031	
Site Conditions		
Ambient temperature	from -20°C to +40°C	
Altitude above sea level	1000 m	

Mechanical data			
Noise level	76	dB(A)	Bearing DE side
Moment of inertia	0,0416	kg/m ²	Bearing NDE side
			6309 ZZ C3
			6309 ZZ C3

Certification:



Extras:

Drawing made by	Date	sign.
Dennis Barrit	26-10-2020	

There may be differences between rating plate and calculated values