

IE3

"Premium Efficiency"



DATA SHEET FOR THREE-PHASE SQUIRREL-CAGE MOTOR

Type: DM3-IE3 315LX2

Electrical data				General data		
Rated motor frequency	50Hz	60Hz		Frame size	315	mm
Rated motor power	200,0	240,0	kW	Mounting	B3,B5,B35	
Rated motor speed	2980	3576	RPM	Weight	1095kg	
Rated motor voltage	400 / 690	440 - 480	V	Casing material	Cast Iron	
Rated motor torque	641		Nm	Protection	IP	55
Rated motor current	331,1 / 192,0	361,2 - 331,1	A	Insulation class	F	
Starting motor current	7,2		xIn	Temp. Rise	80K	
Starting motor torque	1,6		xMn	Vibration	2,8mm/s	
Brakedown motor torque	2,3			Duty	S1	
Starting			D.O.L	Dir. Rotation	Both	
Efficiency class	IE3			PTC	3 x 150°C	
Efficiency	95,80%		100% load	RAL	7031	
	95,70%		75% load	Site Conditions		
	94,00%		50% load	Ambient temperature	from -20°C to +40°C	
Power factor cosp	0,91		100% load	Altitude above sea level	1000 m	

Mechanical data					
Noise level	92	dB(A)	Bearing DE side	6317 C3	
Moment of inertia	2,448	kg/m2	Bearing NDE side	6317 C3	

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

There may be differences between rating plate and calculated values