

IE1

(Eff2)



DATA SHEET FOR THREE-PHASE SQUIRREL-CAGE MOTOR

DMGL 100LX4

Electrical data			
Rated motor frequency	50	60	
Rated motor power	3	3,6	kW
Rated motor speed	1420	1704	RPM
Rated motor voltage	230/400	480	V
Rated motor torque	20,18	20,18	Nm
Rated motor current	11,4/6,56	6,6	A
Starting motor current	7,00		xIn
Starting motor torque	2,3		xMn
Brakedown motor torque	2,3		xMn
Starting	DOL/VFD		
Efficiency class	IE1		
Efficiency	81,5		100% load
	81,7		75% load
	79,8		50% load
Power factor cosφ	0,81		100% load

General data	
Frame size	100
Mounting	B5
Weight	24,1
Casing material	Aluminium
Protection	IP55
Insulation class	F
Temp. Rise	80 K
Vibration	Class A
Duty	S1
Dir. Rotation	CW/CCW
PTC/Heater	No PTC
RAL	9005
Site Conditions	
Ambient temperature	Max. 45°
Altitude above sea level	1000m

Mechanical data			
Noise level	64	dB(A)	
Moment of inertia	0,007591	kg/m2	
Bearing DE side	6206-2RS/C3		
Bearing NDE side	6206-2RS/C3		

Certification:

Extras:

Drawing made by	Date	Sign.
	29-09-2026	

There may be differences between rating plate and calculated values

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