

# DATA SHEET FOR THREE-PHASE SQUIRREL-CAGE MOTOR

## Type: DM3 132MX6

Electrical data			
Rated motor frequency	50Hz	60Hz	
Rated motor power	5,5	6,6	kW
Rated motor speed	960	1152	RPM
Rated motor voltage	400 / 690	440 - 480	V
Rated motor torque	55		Nm
Rated motor current	12,3 / 7,1	13,4 - 12,3	A
Starting motor current	6,8		xIn
Starting motor torque	2,0		xMn
Brakedown motor torque	2,1		
Starting			D.O.L
Efficiency class			
Efficiency	84,00%		100% load
	84,80%		75% load
	84,30%		50% load
Power factor cosp	0,77		100% load

General data		
Frame size	132	mm
Mounting	B3,B5,B35	
Weight	73kg	
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	69	dB(A)	
Moment of inertia	0,0519	kg/m <sup>2</sup>	
Bearing DE side	6308 ZZ C3		
Bearing NDE side	6308 ZZ C3		

Certification:
CE

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

There may be differences between rating plate and calculated values