

Motor data sheet

M3GP 90SLC 2

Definition	Data	Unit	Remarks
Product code	3GGP091323-**B		
Voltage code	D		
Type/Frame	M3GP 90SLC 2		
Design	CENELEC		
Efficiency class	IE2		
Rated output P_N	2.2	kW	
Rated voltage U_N	400	V	± 5 % (IEC 60034-1)
Rated frequency f_N	50	Hz	± 2 % (IEC 60034-1)
Rated speed n_N	2885	r/min	
Rated current I_N	4.2	A	
Starting current I_S/I_N	6.8		
Nominal torque T_N	7.2	Nm	
Locked rotor torque T_l/T_N	1.9		
Maximum torque T_b/T_N	2.5		
Efficiency - full load 100%	84.66	%	Acc. to IEC 60034-2-1
Efficiency - 75%	86.76	%	
Efficiency - 50%	85.71	%	
Power factor - full load 100%	0.88		
Bearing DE/NDE	6205-2Z/C3 6204-2Z/C3		
Sound pressure level L_{pA} dB	64	dB(A)	+3dB(A)
Moment of inertia $J = \frac{1}{4} GD^2$ kgm ²	0	kg-m ²	
Weight	25	kg	
Type of protection	Ex nA IIC T3 Gc		
Certification No.			
tE time	-1	s	