

Motor data sheet

M2BAX 200MLA 4

Definition	Data	Unit	Remarks
Product code	3GBA202410-**D		
Voltage code	D		
Type/Frame	M2BAX 200MLA 4		
Design	CENELEC		
Efficiency class	IE3		
Rated output P_N	30	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	1483	r/min	
Rated current I_N	54.8	A	
Starting current I_S/I_N	7.5		
Nominal torque T_N	193.2	Nm	
Locked rotor torque T_l/T_N	2.67		
Maximum torque T_b/T_N	3.24		
Efficiency - full load 100%	93.55	%	Acc. to IEC 60034-2-1
Efficiency - 75%	93.82	%	
Efficiency - 50%	93.35	%	
Power factor - full load 100%	0.84		
Bearing DE/NDE	6212-2Z/C3 6209-2Z/C3		
Sound pressure level L_{pA} dB	62.8	dB(A)	+3dB(A)
Moment of inertia $J = \frac{1}{4} GD^2$ kgm ²	0.38	kg-m ²	
Weight	259	kg	