

# Motor data sheet

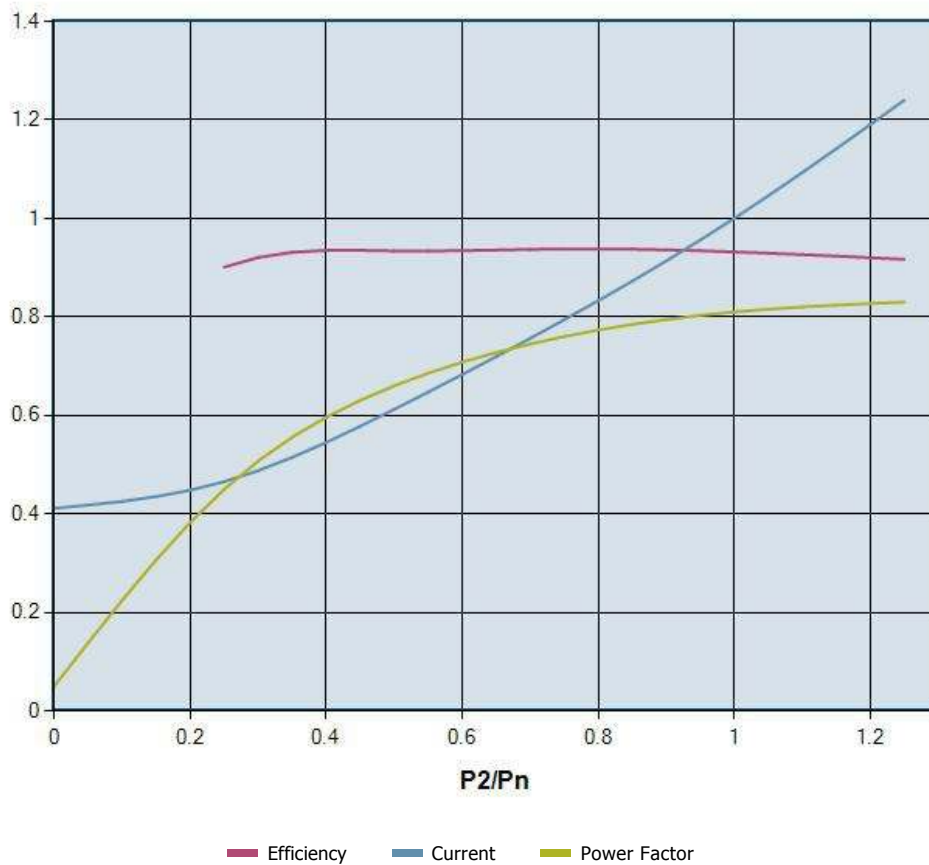
## M2AA 225SMB 4

Definition	Data	Unit	Remarks
Product code	3GAA 222 044-**G		
Voltage code	H		
Type/Frame	M2AA 225SMB 4		
Design	CENELEC		
Efficiency class	IE2		
Rated output $P_N$	45	kW	
Rated voltage $U_N$	415	V X	± 5 % (IEC 60034-1)
Rated frequency $f_N$	50	Hz	± 2 % (IEC 60034-1)
Rated speed $n_N$	1480	r/min	
Rated current $I_N$	82.1	A	
Starting current $I_S/I_N$	7.7		
Nominal torque $T_N$	290	Nm	
Locked rotor torque $T_l/T_N$	2.6		
Maximum torque $T_b/T_N$	3.3		
Efficiency - full load 100%	93.24	%	Acc. to IEC 60034-2-1
Efficiency - 75%	93.91	%	
Efficiency - 50%	93.46	%	
Power factor - full load 100%	0.81		
Bearing DE/NDE	6213-2Z/C3 6210-2Z/C3		
Sound pressure level $L_{pA}$ dB	68	dB(A)	+3dB(A)
Moment of inertia $J = \frac{1}{4} GD^2$ kgm <sup>2</sup>	0.37	kg-m <sup>2</sup>	
Weight	265	kg	

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### Running performance chart



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### Starting performance chart information

