

Motor data sheet

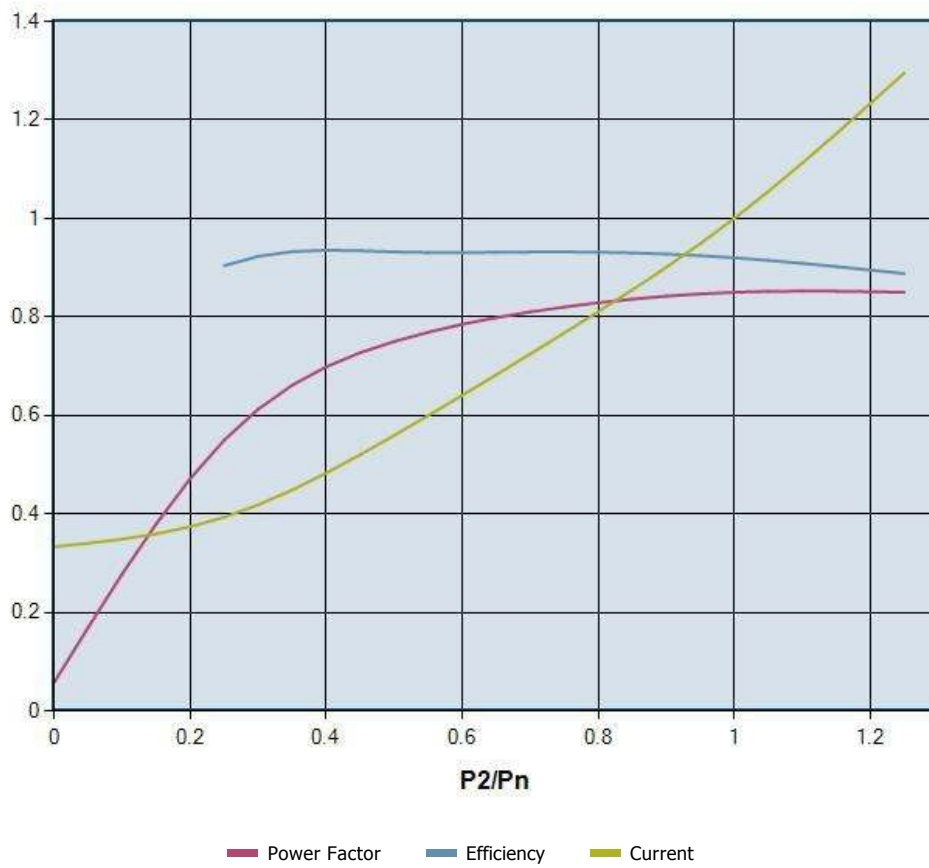
M2AA 250SMA 6

Definition	Data	Unit	Remarks
Product code	3GAA 253 042-**G		
Voltage code	D		
Type/Frame	M2AA 250SMA 6		
Design	CENELEC		
Efficiency class	IE2		
Rated output P_N	37	kW	
Rated voltage U_N	380	V X	± 5 % (IEC 60034-1)
Rated frequency f_N	50	Hz	± 2 % (IEC 60034-1)
Rated speed n_N	982	r/min	
Rated current I_N	71.8	A	
Starting current I_S/I_N	6		
Nominal torque T_N	358	Nm	
Locked rotor torque T_l/T_N	2.1		
Maximum torque T_b/T_N	2.5		
Efficiency - full load 100%	92.24	%	Acc. to IEC 60034-2-1
Efficiency - 75%	93.64	%	
Efficiency - 50%	93.64	%	
Power factor - full load 100%	0.85		
Bearing DE/NDE	6215-2Z/C3 6212-2Z/C3		
Sound pressure level L_{pA} dB	66	dB(A)	+3dB(A)
Moment of inertia $J = \frac{1}{4} GD^2$ kgm ²	0.72	kg-m ²	
Weight	305	kg	

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Running performance chart



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Starting performance chart information

