

Motor data sheet

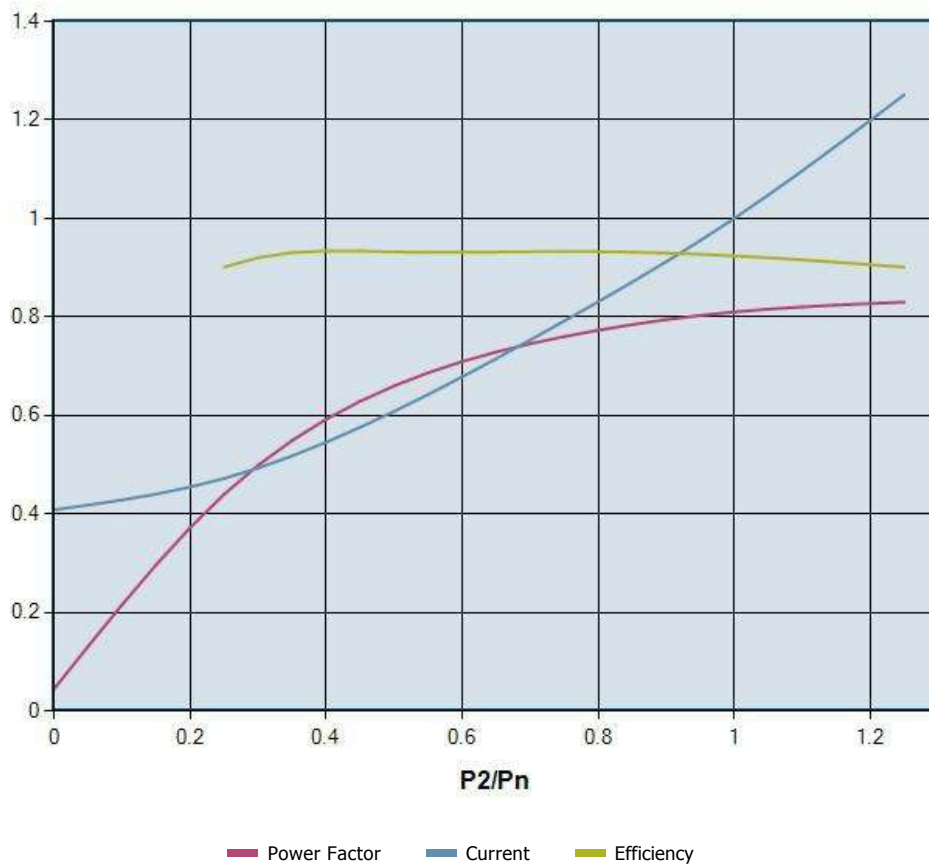
M2AA 200MLA 4

Definition	Data	Unit	Remarks
Product code	3GAA 202 042-**G		
Voltage code	H		
Type/Frame	M2AA 200MLA 4		
Design	CENELEC		
Efficiency class	IE2		
Rated output P_N	30	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	1476	r/min	
Rated current I_N	55.7	A	
Starting current I_S/I_N	7.7		
Nominal torque T_N	194	Nm	
Locked rotor torque T_l/T_N	2.9		
Maximum torque T_b/T_N	3.2		
Efficiency - full load 100%	92.34	%	Acc. to IEC 60034-2-1
Efficiency - 75%	93.56	%	
Efficiency - 50%	93.45	%	
Power factor - full load 100%	0.81		
Bearing DE/NDE	6212-2Z/C3 6209-2Z/C3		
Sound pressure level L_{pA} dB	62	dB(A)	+3dB(A)
Moment of inertia $J = \frac{1}{4} GD^2$ kgm ²	0.22	kg-m ²	
Weight	188	kg	

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Running performance chart



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Starting performance chart information

