

Motor data sheet

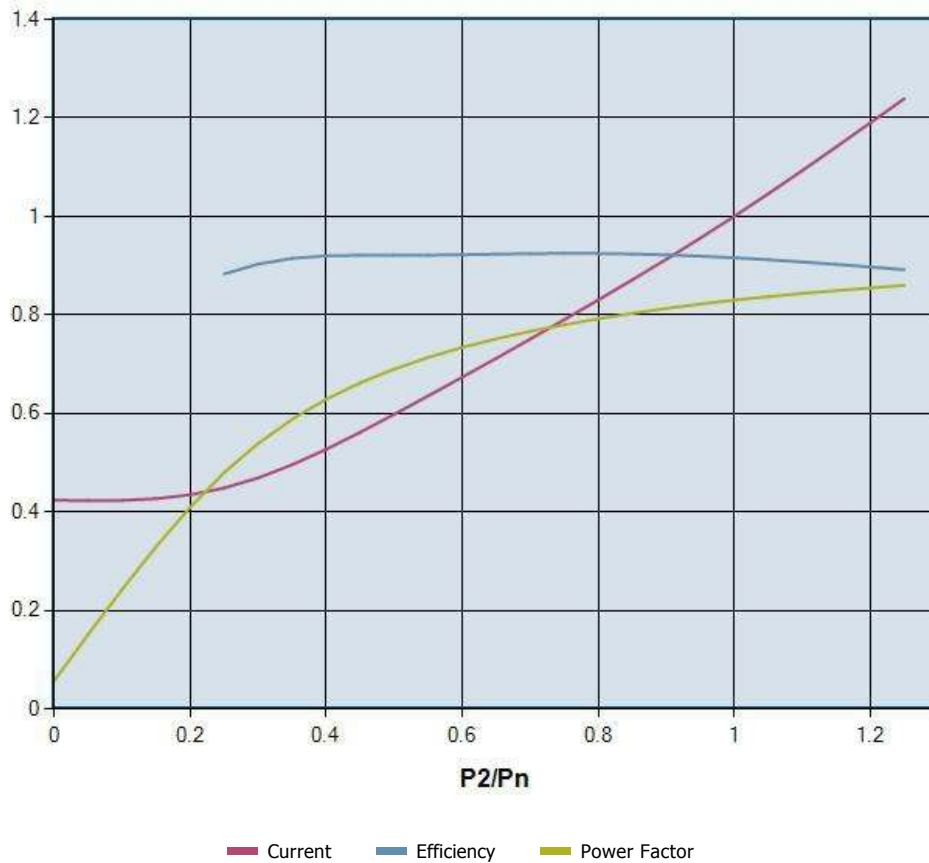
M2AA 180MLB 4

Definition	Data	Unit	Remarks
Product code	3GAA 182 044-**G		
Voltage code	C		
Type/Frame	M2AA 180MLB 4		
Design	CENELEC		
Efficiency class	IE2		
Rated output P_N	22	kW	
Rated voltage U_N	400	V Y	± 5 % (IEC 60034-1)
Rated frequency f_N	50	Hz	± 2 % (IEC 60034-1)
Rated speed n_N	1465	r/min	
Rated current I_N	41.7	A	
Starting current I_S/I_N	8		
Nominal torque T_N	143	Nm	
Locked rotor torque T_l/T_N	3		
Maximum torque T_b/T_N	3.8		
Efficiency - full load 100%	91.63	%	Acc. to IEC 60034-2-1
Efficiency - 75%	92.47	%	
Efficiency - 50%	92.09	%	
Power factor - full load 100%	0.83		
Bearing DE/NDE	6210-2Z/C3 6209-2Z/C3		
Sound pressure level L_{pA} dB	65	dB(A)	+3dB(A)
Moment of inertia $J = \frac{1}{4} GD^2$ kgm ²	0.13	kg-m ²	
Weight	137	kg	

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Running performance chart



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Starting performance chart information

