

Motor data sheet

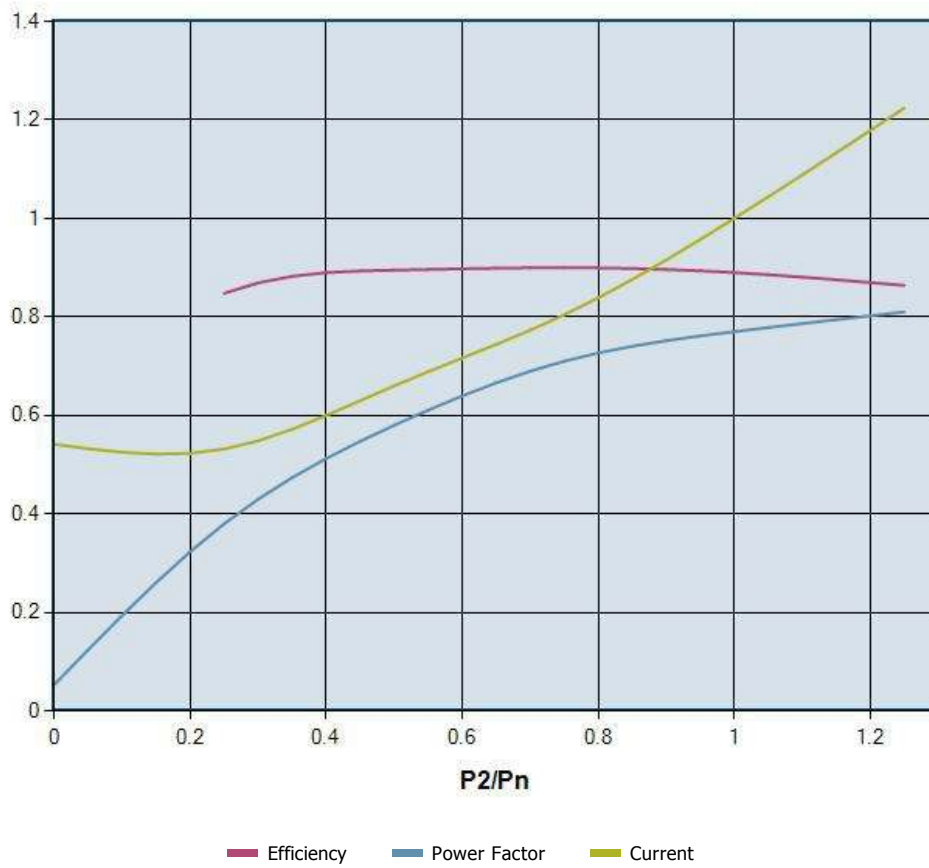
M2AA 160MLB 6

Definition	Data	Unit	Remarks
Product code	3GAA 163 044-**G		
Voltage code	S		
Type/Frame	M2AA 160MLB 6		
Design	CENELEC		
Efficiency class	IE2		
Rated output P_N	11	kW	
Rated voltage U_N	415	V Y	± 5 % (IEC 60034-1)
Rated frequency f_N	50	Hz	± 2 % (IEC 60034-1)
Rated speed n_N	973	r/min	
Rated current I_N	22.3	A	
Starting current I_S/I_N	8		
Nominal torque T_N	108	Nm	
Locked rotor torque T_l/T_N	2.3		
Maximum torque T_b/T_N	3.6		
Efficiency - full load 100%	88.9	%	Acc. to IEC 60034-2-1
Efficiency - 75%	89.95	%	
Efficiency - 50%	89.47	%	
Power factor - full load 100%	0.77		
Bearing DE/NDE	6209-2Z/C3 6209-2Z/C3		
Sound pressure level L_{pA} dB	61	dB(A)	+3dB(A)
Moment of inertia $J = \frac{1}{4} GD^2$ kgm ²	0.12	kg-m ²	
Weight	121	kg	

Motor data sheet

M2AA 160MLB 6

Running performance chart



Motor data sheet

M2AA 160MLB 6

Starting performance chart information

