

Motor data sheet

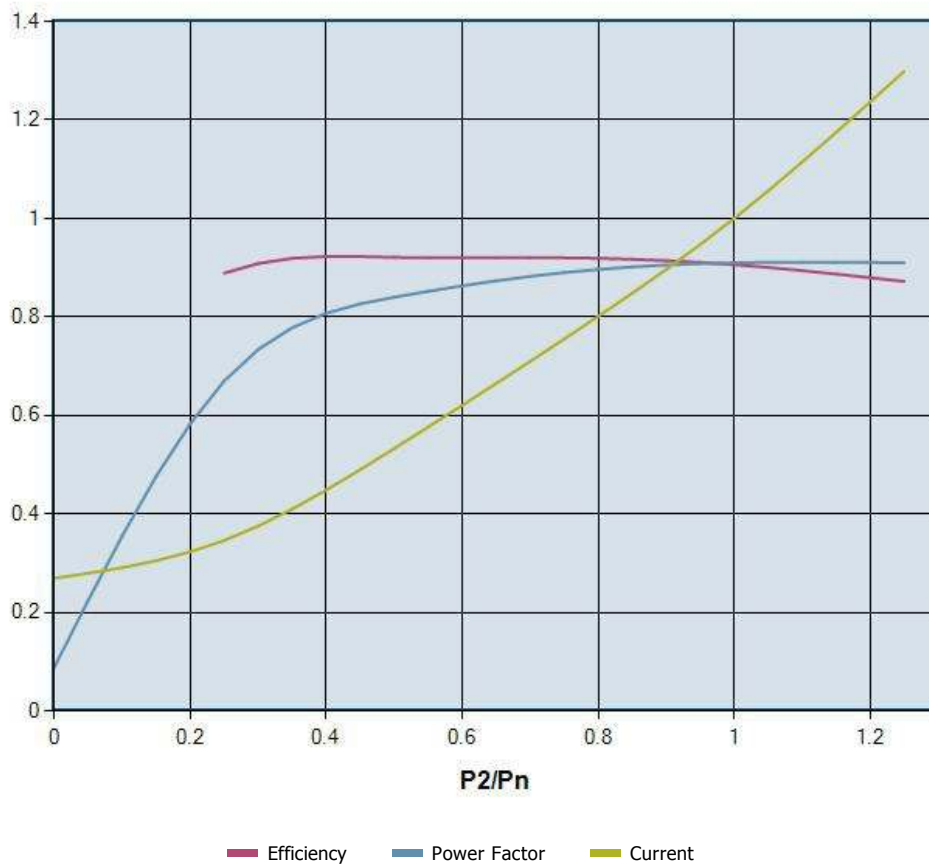
M2AA 160MLB 2

Definition	Data	Unit	Remarks
Product code	3GAA 161 045-**G		
Voltage code	S		
Type/Frame	M2AA 160MLB 2		
Design	CENELEC		
Efficiency class	IE2		
Rated output P_N	15	kW	
Rated voltage U_N	380	V Y	± 5 % (IEC 60034-1)
Rated frequency f_N	50	Hz	± 2 % (IEC 60034-1)
Rated speed n_N	2924	r/min	
Rated current I_N	27.6	A	
Starting current I_S/I_N	6.4		
Nominal torque T_N	48.8	Nm	
Locked rotor torque T_l/T_N	2.2		
Maximum torque T_b/T_N	2.8		
Efficiency - full load 100%	90.53	%	Acc. to IEC 60034-2-1
Efficiency - 75%	91.96	%	
Efficiency - 50%	92.06	%	
Power factor - full load 100%	0.9		
Bearing DE/NDE	6209-2Z/C3 6209-2Z/C3		
Sound pressure level L_{pA} dB	69	dB(A)	+3dB(A)
Moment of inertia $J = \frac{1}{4} GD^2$ kgm ²	0.05	kg-m ²	
Weight	96	kg	

Motor data sheet

M2AA 160MLB 2

Running performance chart



Motor data sheet

M2AA 160MLB 2

Starting performance chart information

