

Motor data sheet

M2AA 80B 6

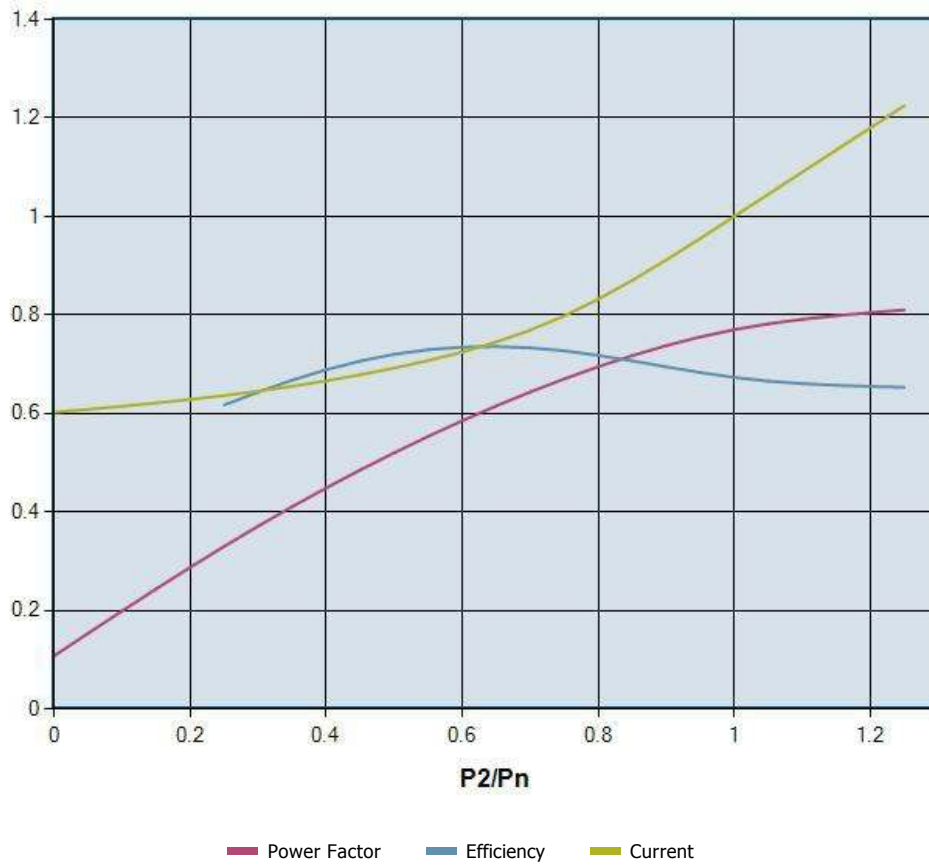
For ordering purposes within selected meps, please add , Variant Code: 209 Special winding

Definition	Data	Unit	Remarks
Product code	3GAA 083 002-**E		
Voltage code	D		
Calculation_id	GEN_3GAA083002-E_D		
Type/Frame	M2AA 80B 6		
Design	CENELEC		
Efficiency class	IE1		
Rated output P_N	0.55	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	890	r/min	
Rated current I_N	1.61	A	
Starting current I_S/I_N	3.1		
Nominal torque T_N	5.8	Nm	
Locked rotor torque T_l/T_N	1.4		
Maximum torque T_b/T_N	1.7		
Efficiency - full load 100%	67.3	%	Acc. to IEC 60034-2-1
Efficiency - 75%	72.7	%	
Efficiency - 50%	72	%	
Power factor - full load 100%	0.77		
Bearing DE/NDE	6204-2Z/C3 6203-2Z/C3		
Sound pressure level L_{pA} dB	47	dB(A)	+3dB(A)
Moment of inertia $J = \frac{1}{4} GD^2$ kgm ²	0	kg-m ²	
Weight	10	kg	

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Running performance chart



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Starting performance chart information

