

Motor data sheet

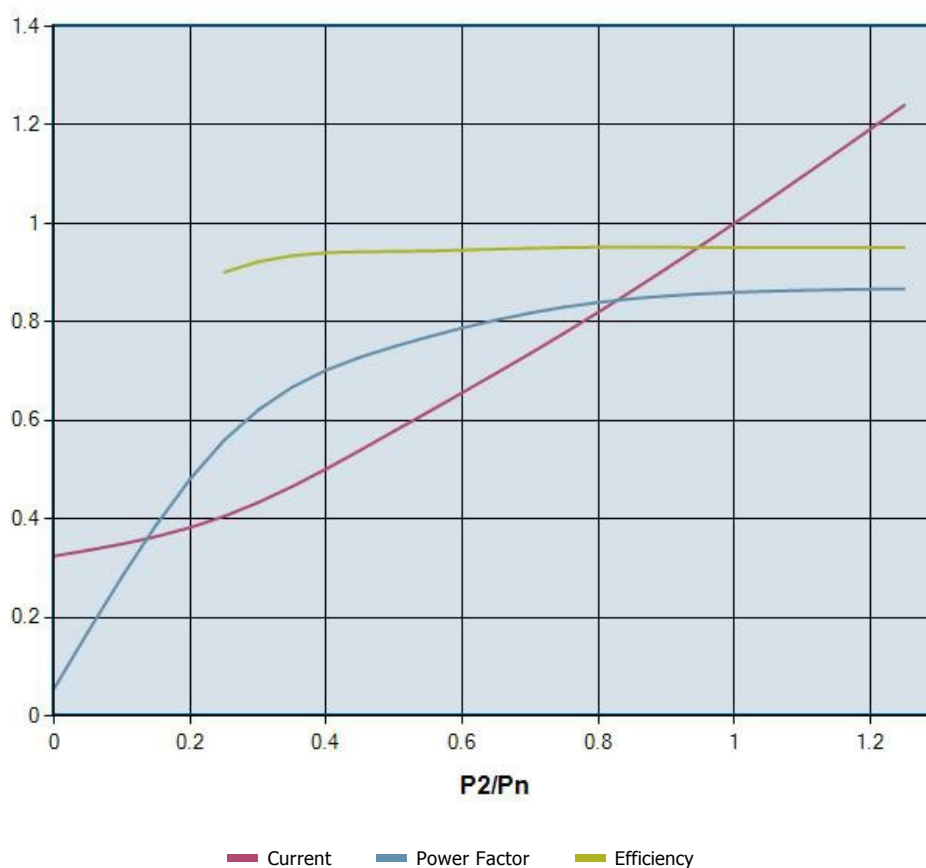
M3JP 315SMA 4

Definition	Data	Unit	Remarks
Product code	3GJP 312 210-**G		
Voltage code	D		
Type/Frame	M3JP 315SMA 4		
Design	CENELEC		
Efficiency class	IE2		
Rated output P_N	110	kW	
Rated voltage U_N	400	V D	± 5 % (IEC 60034-1)
Rated frequency f_N	50	Hz	± 2 % (IEC 60034-1)
Rated speed n_N	1487	r/min	
Rated current I_N	194	A	
Starting current I_S/I_N	7.2		
Nominal torque T_N	706	Nm	
Locked rotor torque T_l/T_N	2.3		
Maximum torque T_b/T_N	2.8		
Efficiency - full load 100%	95.1	%	Acc. to IEC 60034-2-1
Efficiency - 75%	95.1	%	
Efficiency - 50%	94.3	%	
Power factor - full load 100%	0.86		
Bearing DE/NDE	6319/C3 6316/C3		
Sound pressure level L_{pA} dB	70	dB(A)	+3dB(A)
Moment of inertia $J = \frac{1}{4} GD^2$ kgm ²	2.3	kg-m ²	
Weight	900	kg	
Type of protection	Ex d IIB T4 Gb		
Certification No.	LCIE 11 ATEX 3090X		
tE time	-1	s	

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Running performance chart



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Starting performance chart information

