

Motor data sheet

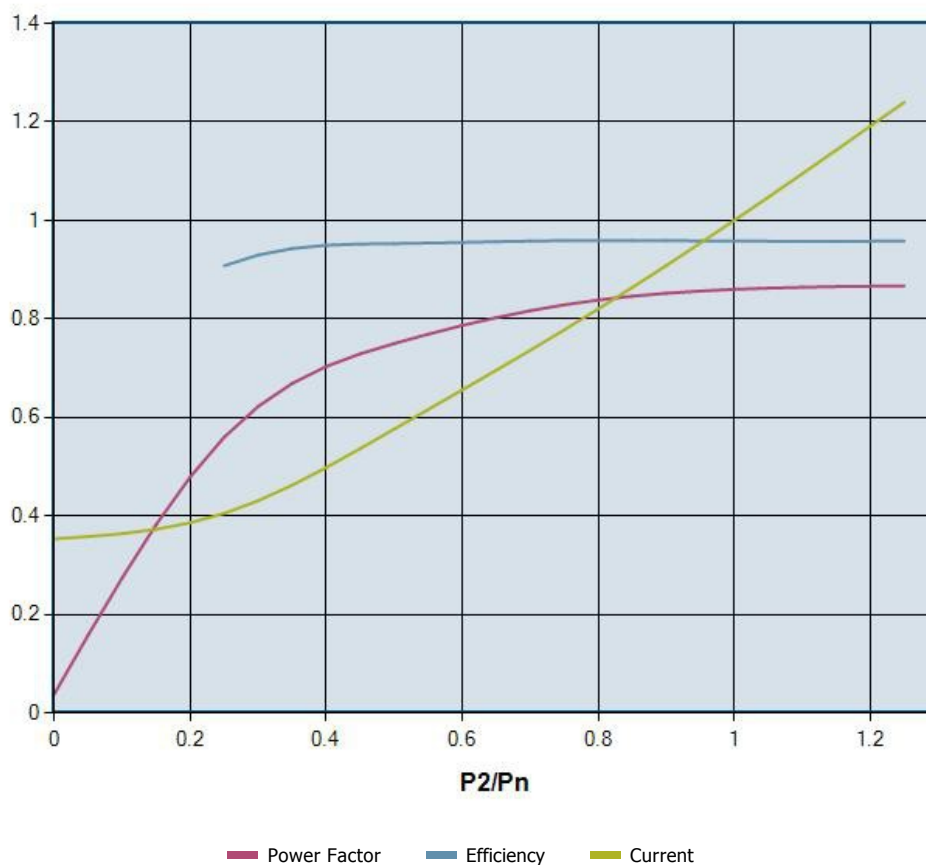
M3BP 315LKC 4

Definition	Data	Unit	Remarks
Product code	3GBP 312 830-**G		
Voltage code	D		
Type/Frame	M3BP 315LKC 4		
Design	High-output		
Efficiency class	IE2		
Rated output P_N	315	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	1488	r/min	
Rated current I_N	559	A	
Starting current I_S/I_N	7.8		
Nominal torque T_N	2021	Nm	
Locked rotor torque T_l/T_N	2.6		
Maximum torque T_b/T_N	3.2		
Efficiency - full load 100%	95.8	%	Acc. to IEC 60034-2-1
Efficiency - 75%	95.9	%	
Efficiency - 50%	95.3	%	
Power factor - full load 100%	0.86		
Bearing DE/NDE	6319/C3 6316/C3		
Sound pressure level L_{pA} dB	78	dB(A)	+3dB(A)
Moment of inertia $J = \frac{1}{4} GD^2$ kgm ²	5.5	kg-m ²	
Weight	1600	kg	

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Running performance chart



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Starting performance chart information

