

Motor data sheet

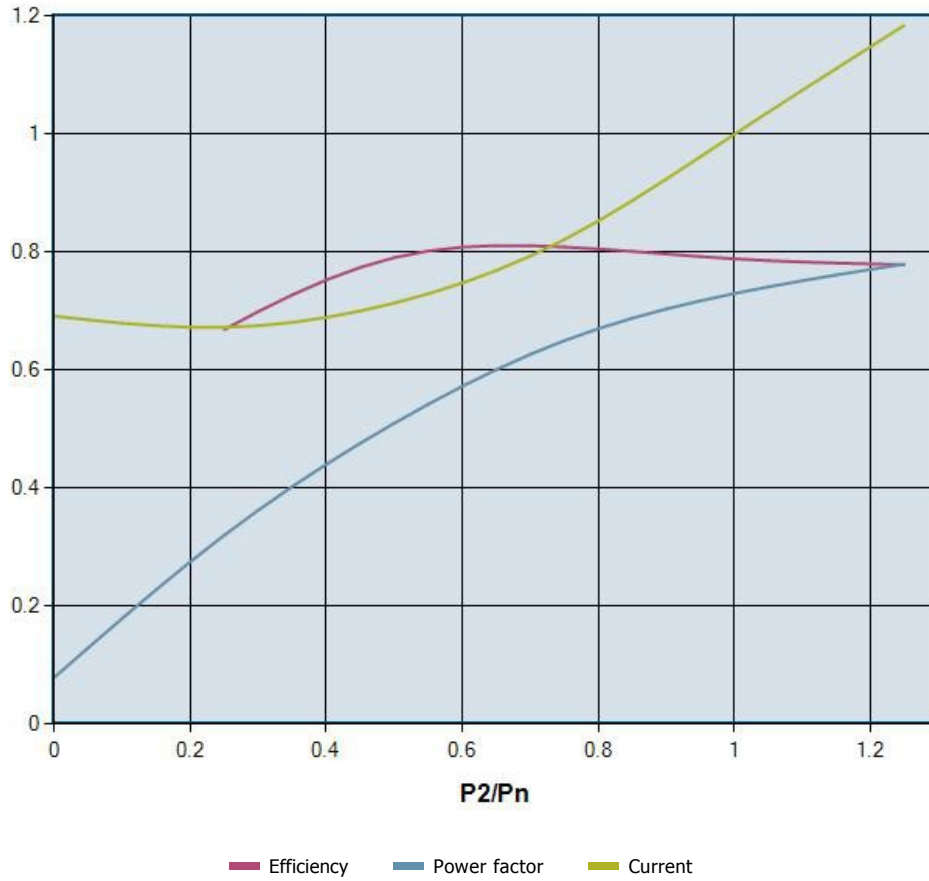
M3AA 90 LB 6

Definition	Data	Unit	Remarks
Product code	3GAA 093 613-**J		
Voltage code	D		
Type/Frame	M3AA 90 LB 6		
Design	CENELEC		
Efficiency class	IE3		
Rated output P_N	0.75	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	930	r/min	
Rated current I_N	1.87	A	
Starting current I_S/I_N	4		
Nominal torque T_N	7.7	Nm	
Locked rotor torque T_l/T_N	2		
Maximum torque T_b/T_N	2.3		
Efficiency - full load 100%	78.9	%	Acc. to IEC 60034-2-1
Efficiency - 75%	80.9	%	
Efficiency - 50%	79.1	%	
Power factor - full load 100%	0.73		
Bearing DE/NDE	6205-2Z/C3 6204-2Z/C3		
Sound pressure level L_{pA} dB	44	dB(A)	+3dB(A)
Moment of inertia $J = \frac{1}{4} GD^2$ kgm ²	0.01	kg-m ²	
Weight	17	kg	

Motor data sheet

M3AA 90 LB 6

Running performance chart



Motor data sheet

M3AA 90 LB 6

Starting performance chart information

