

# Motor data sheet

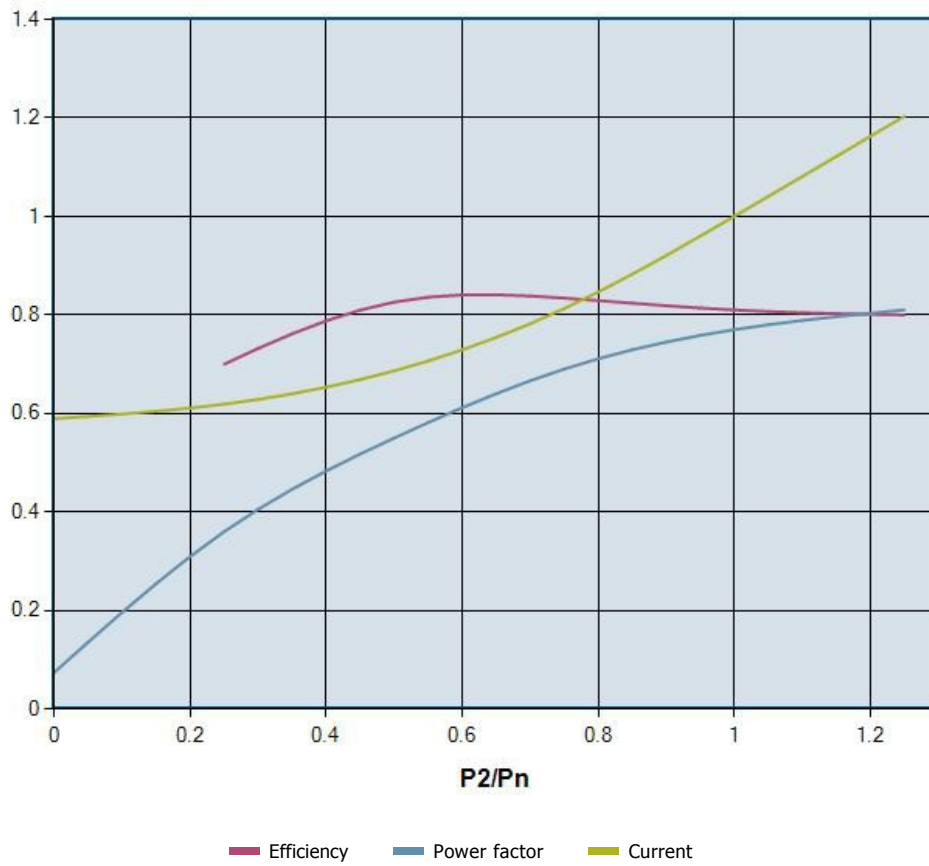
## M3AA 90 LD 6

Definition	Data	Unit	Remarks
Product code	3GAA 093 614-***J		
Voltage code	D		
Type/Frame	M3AA 90 LD 6		
Design	CENELEC		
Efficiency class	IE3		
Rated output $P_N$	1.1	kW	
Rated voltage $U_N$	400	V D	± 5 % (IEC 60034-1)
Rated frequency $f_N$	50	Hz	± 2 % (IEC 60034-1)
Rated speed $n_N$	931	r/min	
Rated current $I_N$	2.5	A	
Starting current $I_S/I_N$	4.4		
Nominal torque $T_N$	11.2	Nm	
Locked rotor torque $T_l/T_N$	2		
Maximum torque $T_b/T_N$	2.2		
Efficiency - full load 100%	81	%	Acc. to IEC 60034-2-1
Efficiency - 75%	83.4	%	
Efficiency - 50%	82.6	%	
Power factor - full load 100%	0.77		
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 <sup>2</sup>	0.01	kg-m <sup>2</sup>	
Weight	19	kg	

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### Running performance chart



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### Starting performance chart information

