

Motor data sheet

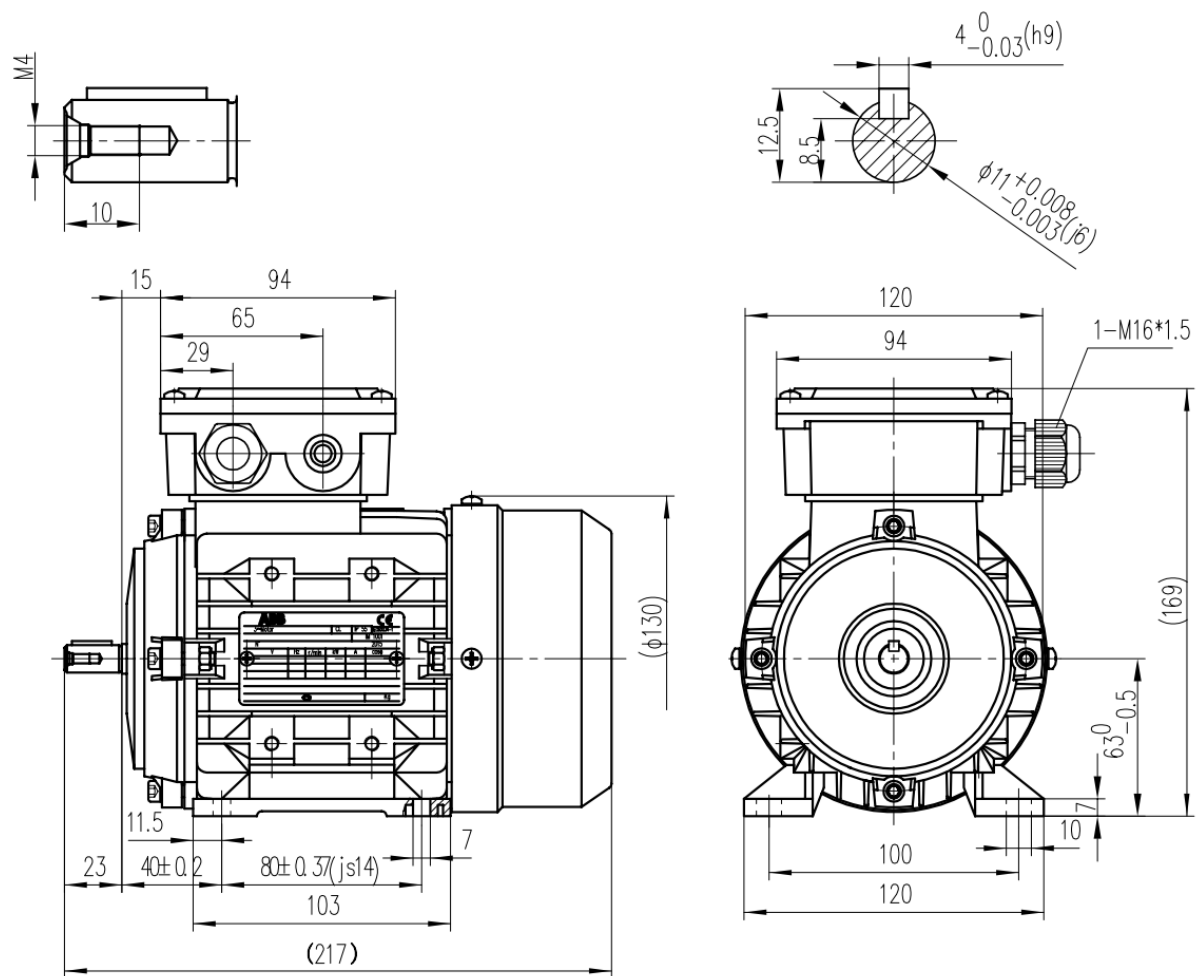
M3AA 71A 2

Definition	Data	Unit	Remarks
Product code	3GAA071311-**E		
Voltage code	S		
Type/Frame	M3AA 71A 2		
Design	CENELEC		
Efficiency class	IE4		
Rated output P_N	0.37	kW	
Rated voltage U_N	460	V	± 5 % (IEC 60034-1)
Rated frequency f_N	60	Hz	± 2 % (IEC 60034-1)
Rated speed n_N	3400	r/min	
Rated current I_N	0.84	A	
Starting current I_S/I_N	5.9		
Nominal torque T_N	1.03	Nm	
Locked rotor torque T_l/T_N	3.2		
Maximum torque T_b/T_N	3.5		
Efficiency - full load 100%	77.5	%	Acc. to IEC 60034-2-1
Efficiency - 75%	77.5	%	
Efficiency - 50%	74.3	%	
Power factor - full load 100%	0.71		
Bearing DE/NDE	6203-2Z/C3 6202-2Z/C3		
Sound pressure level L_{pA} dB	61	dB(A)	+3dB(A)
Moment of inertia $J = \frac{1}{4} GD^2$ kgm ²	0	kg-m ²	
Weight	4.9	kg	

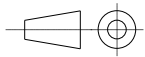
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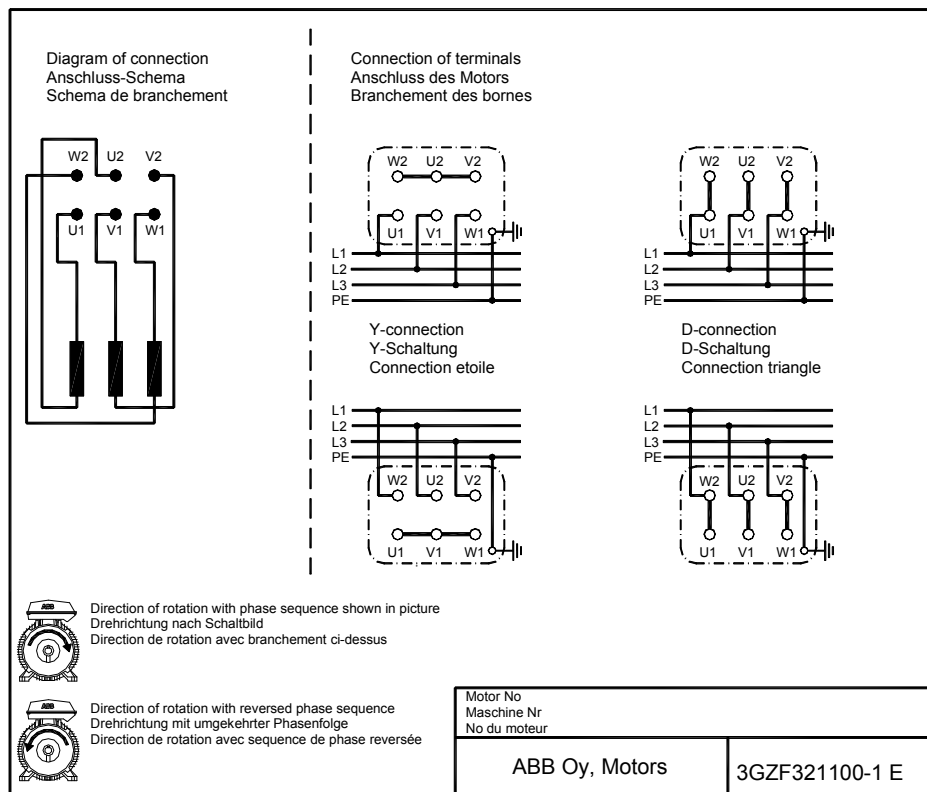
M3AA 71A 2

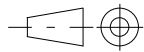
Definition	Data	Unit	Remarks
Product code	3GAA071311-**E		
Voltage code	S		
Type/Frame	M3AA 71A 2		
Design	CENELEC		
Efficiency class	IE3		
Rated output P_N	0.37	kW	
Rated voltage U_N	400	V	± 5 % (IEC 60034-1)
Rated frequency f_N	50	Hz	± 2 % (IEC 60034-1)
Rated speed n_N	2800	r/min	
Rated current I_N	0.95	A	
Starting current I_S/I_N	4.9		
Nominal torque T_N	1.26	Nm	
Locked rotor torque T_l/T_N	2.7		
Maximum torque T_b/T_N	2.7		
Efficiency - full load 100%	73.8	%	Acc. to IEC 60034-2-1
Efficiency - 75%	75.8	%	
Efficiency - 50%	73.9	%	
Power factor - full load 100%	0.76		
Bearing DE/NDE	6203-2Z/C3 6202-2Z/C3		
Sound pressure level L_{pA} dB	58	dB(A)	+3dB(A)
Moment of inertia $J = \frac{1}{4} GD^2$ kgm ²	0	kg-m ²	
Weight	4.9	kg	

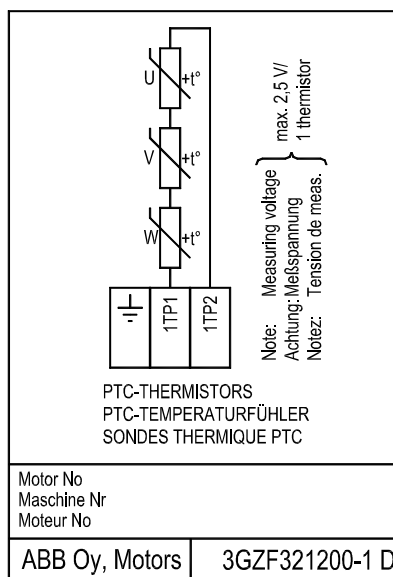


Additional information:

Dimension Print	Motor Type: M2(3)AA 063 (E) 2-6p B3, V6, B6, B7, B8	Document No: 9AKK106713A0964
Description: Three phase motor		
Unit: Date:	ABB Oy, Motors and Generators 31.08.2017	Issued by: J. Cieslikowski Approved by: M. Kulon Replaces: Replaced by:
ABB Oy		Customer Reference: 



Connection Diagram			Document No: 3GZF321100-1 E
Description: 3-PHASE SQUIRREL-CAGE MOTOR			
Unit: Motors	Issued by: M Prusi	Replaces:	
Date: 21.09.2005	Approved by: Jari Raittila	Replaced by:	
ABB Oy	Customer Reference:		



Accessory Connection Diagram			Document No: 3GZF321200-1 D
Description: PTC-THERMISTORS			
Unit: Motors	Issued by: K.Högvist	Replaces:	
Date: 30.11.2005	Approved by: M.Prusi	Replaced by:	
ABB Oy	Customer Reference:		ABB