


EU – Declaration of Conformity

Document number / Month.Year: 1000000153.01 / 09.2017

We: Schneider Electric Automation GmbH
Subsidiary of Schneider Electric SE (FR 92500 Rueil-Malmaison)

Schneiderplatz 1
97828 Marktheidenfeld
Germany

Hereby declare that this declaration of conformity is issued under our sole responsibility as manufacturer and that the product(s):

Trademark:	Schneider Electric 
Product, Type, Function:	Lexium BMP 3 phase synchronous motor
Models:	BMP070 series, BMP100 series, BMP140 series (Details see list of models)
Serial Number:	YYZZXXXXXX (YY: Year + 10, ZZ: Factory code = 06; XXXXXX: Continuous number)

is/are in conformity with the requirements of the following directives and conformity was checked in accordance with the following standards:

Directive	Harmonized Standard
DIRECTIVE 2014/35/EU OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 26 February 2014 on the harmonisation of the laws of the Member States relating to the making available on the market of electrical equipment designed for use within certain voltage limits	EN 60034-1:2010 Rotating electrical machines - Part 1: Rating and performance EN 60034-5:2001 + A1:2007 Rotating electrical machines - Part 5: Degrees of protection provided by integral design of rotating electrical machines (IP code) - Classification EN 61800-5-1:2007 Adjustable speed electrical power drive systems - Part 5-1: Safety requirements - Electrical, thermal and energy
DIRECTIVE 2014/30/EU OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 26 February 2014 on the harmonisation of the laws of the Member States relating to electromagnetic compatibility (recast)	EN 61800-3:2004 + A1:2012 Adjustable speed electrical power drive systems -- Part 3: EMC requirements and specific test methods

It is important that the component is subject to correct installation, maintenance and use conforming to its intended purpose, to the applicable regulations and standards, to the supplier's instructions, user manual and to the accepted rules of the art.

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Nomenclature

	BMP	070	1	C	3	N	A	2	A
Product family									
BMP: Synchronous motor - medium moment of inertia									
Size (housing)									
070 = 70 mm flange									
100 = 100 mm flange									
140 = 140 mm flange									
Length									
1 = 1 stack									
2 = 2 stacks									
3 = 3 stacks									
Winding									
C = 1500 min ⁻¹ (drive with 400 V _{ac} supply voltage)									
F = 1500/3000 min ⁻¹ (drive with 200/400 V _{ac} supply voltage)									
R = 3000 min ⁻¹ (drive with 200 V _{ac} supply voltage)									
Shaft and degree of protection									
3 = Parallel key; degree of protection: shaft and housing IP65 ¹⁾									
Encoder system									
N = No encoder									
Holding brake									
A = Without holding brake									
Connection version									
2 = Angular connector 90°, can be rotated									
Mechanical Interface - mounting									
A = International IEC Standard									

1) In the case of mounting position IM V3 (drive shaft vertical, shaft end up), the motor only has degree of protection IP50.

List of Models:

Model	Description
BMP0701F3NA2A	Synchronous motor 480VAC 0,37kW IP65 IEC
BMP0701R3NA2A	Synchronous motor 230VAC 0,37kW IP65 IEC
BMP0702F3NA2A	Synchronous motor 480VAC 0,55kW IP65 IEC
BMP0702R3NA2A	Synchronous motor 230VAC 0,55kW IP65 IEC
BMP1001F3NA2A	Synchronous motor 480VAC 0,95kW IP65 IEC
BMP1001R3NA2A	Synchronous motor 230VAC 0,75kW IP65 IEC
BMP1002F3NA2A	Synchronous motor 480VAC 1,5kW IP65 IEC
BMP1002R3NA2A	Synchronous motor 230VAC 1,5kW IP65 IEC
BMP1401C3NA2A	Synchronous motor 480VAC 1,35kW IP65 IEC
BMP1401F3NA2A	Synchronous motor 480VAC 2,2kW IP65 IEC
BMP1401R3NA2A	Synchronous motor 230VAC 2,2kW IP65 IEC
BMP1402C3NA2A	Synchronous motor 480VAC 2,2kW IP65 IEC
BMP1402F3NA2A	Synchronous motor 480VAC 3,95kW IP65 IEC