



Product Service

Attestation of Conformity

No. N8A 121613 0001 Rev. 00

Holder of Attestation: **Suzhou Synexus Motor Co., Ltd**

Building 11, 3rd Floor
Science and Technology City Industrial Park
No. 50 North Guandu Road, Yuexi Street
Wuzhong District
215200 Suzhou City, Jiangsu Province
PEOPLE'S REPUBLIC OF CHINA

Product: **Servo Motor
(AC SERVO MOTOR)**

This Attestation of Conformity is issued on a voluntary basis according to the Low Voltage Directive 2014/35/EU relating to electrical equipment designed for use within certain voltage limits. It confirms that the listed equipment complies with the principal protection requirements of the directive and is based on the technical specifications applicable at the time of issuance. It refers only to the particular sample submitted for conformity assessment. For details see: www.tuvsud.com/ps-cert

Test report no.: 64105233023901

Date, 2023-07-07

(Martin Ma)

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Model(s):

RSA1-n060A02B30Syz(a), RSA1-n060A02B30Nyz(a),
RSK1-n060A02B30Syz(a), RSK1-n060A02B30Nyz(a),
RSQ1-n060A02B30Syz(a), RSQ1-n060A02B30Nyz(a),
RSA1-n060A02B30Eyz(a), RSA1-n060A02B30Cyz(a),
RSK1-n060A02B30Eyz(a), RSK1-n060A02B30Cyz(a),
RSQ1-n060A02B30Eyz(a), RSQ1-n060A02B30Cyz(a),
RSA1-n060A04B30Syz(a), RSA1-n060A04B30Nyz(a),
RSK1-n060A04B30Syz(a), RSK1-n060A04B30Nyz(a),
RSQ1-n060A04B30Syz(a), RSQ1-n060A04B30Nyz(a),
RSA1-n060A04B30Eyz(a), RSA1-n060A04B30Cyz(a),
RSK1-n060A04B30Eyz(a), RSK1-n060A04B30Cyz(a),
RSQ1-n060A04B30Eyz(a), RSQ1-n060A04B30Cyz(a),
RSA1-n080A08B30Syz(a), RSA1-n080A08B30Nyz(a),
RSK1-n080A08B30Syz(a), RSK1-n080A08B30Nyz(a),
RSQ1-n080A08B30Syz(a), RSQ1-n080A08B30Nyz(a),
RSA1-n080A08B30Eyz(a), RSA1-n080A08B30Cyz(a),
RSK1-n080A08B30Eyz(a), RSK1-n080A08B30Cyz(a),
RSQ1-n080A08B30Eyz(a), RSQ1-n080A08B30Cyz(a),
RSA1-n080A10B30Syz(a), RSA1-n080A10B30Nyz(a),
RSK1-n080A10B30Syz(a), RSK1-n080A10B30Nyz(a),
RSQ1-n080A10B30Syz(a), RSQ1-n080A10B30Nyz(a),
RSA1-n080A10B30Eyz(a), RSA1-n080A10B30Cyz(a),
RSK1-n080A10B30Eyz(a), RSK1-n080A10B30Cyz(a),
RSQ1-n080A10B30Eyz(a), RSQ1-n080A10B30Cyz(a)

Remark:

n: H (High inertia)

M (Medium inertia)

S (Low inertia)

y: 1 (17-bit single-turn absolute magnetic encoder)

2 (16-bit multi-turn/17-bit single-turn absolute magnetic encoder)

3 (23-bit single-turn absolute optical encoder)

4 (16-bit multi-turn/17-bit single-turn absolute optical encoder)

z: 1 (Hollow shaft, Straight keyway)

2 (Straight shaft, No keyway, No thread)

6 (Straight shaft, Keyway, Thread)

(a): the model number may include suffix

"XXXXXXXXXX", Where "XXXXXXXXXX" can be blank or combination of any alphanumeric and/or symbols that represents customer identity.

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Parameters:

Parameter concerns	Specification			
Type designation:	RSA1-n060A02B30Syz(a)	RSA1-n060A02B30Eyz(a)	RSA1-n060A04B30Syz(a)	RSA1-n060A04B30Eyz(a)
	RSA1-n060A02B30Nyz(a)	RSA1-n060A02B30Cyz(a)	RSA1-n060A04B30Nyz(a)	RSA1-n060A04B30Cyz(a)
	RSK1-n060A02B30Syz(a)	RSK1-n060A02B30Eyz(a)	RSK1-n060A04B30Syz(a)	RSK1-n060A04B30Eyz(a)
	RSK1-n060A02B30Nyz(a)	RSK1-n060A02B30Cyz(a)	RSK1-n060A04B30Nyz(a)	RSK1-n060A04B30Cyz(a)
	RSQ1-n060A02B30Syz(a)	RSQ1-n060A02B30Eyz(a)	RSQ1-n060A04B30Syz(a)	RSQ1-n060A04B30Eyz(a)
	RSQ1-n060A02B30Nyz(a)	RSQ1-n060A02B30Cyz(a)	RSQ1-n060A04B30Nyz(a)	RSQ1-n060A04B30Cyz(a)
Phase:	3P	3P	3P	3P
Rated voltage (for driver):	200V~240VAC	200V~240VAC	200V~240VAC	200V~240VAC
Rated voltage (for motor):	220VAC	220VAC	220VAC	220VAC
Rated current:	1.30A	1.30A	2.60A	2.60A
Rated frequency:	250Hz	250Hz	250Hz	250Hz
Rated output:	0.2kW	0.2kW	0.4kW	0.4kW
Duty class:	S1	S1	S1	S1
Class of equipment:	Class I	Class I	Class I	Class I
Rated speed:	3000r/min	3000r/min	3000r/min	3000r/min
Thermal classification according to IEC 62114:	Class F	Class F	Class F	Class F
IP degree:	IP 67	IP 67	IP 67	IP 67

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Parameter concerns	Specification			
Type designation:	RSA1-n080A08B30Syz(a)	RSA1-n080A08B30Eyz(a)	RSA1-n080A10B30Syz(a)	RSA1-n080A10B30Eyz(a)
	RSA1-n080A08B30Nyz(a)	RSA1-n080A08B30Cyz(a)	RSA1-n080A10B30Nyz(a)	RSA1-n080A10B30Cyz(a)
	RSK1-n080A08B30Syz(a)	RSK1-n080A08B30Eyz(a)	RSK1-n080A10B30Syz(a)	RSK1-n080A10B30Eyz(a)
	RSK1-n080A08B30Nyz(a)	RSK1-n080A08B30Cyz(a)	RSK1-n080A10B30Nyz(a)	RSK1-n080A10B30Cyz(a)
	RSQ1-n080A08B30Syz(a)	RSQ1-n080A08B30Eyz(a)	RSQ1-n080A10B30Syz(a)	RSQ1-n080A10B30Eyz(a)
	RSQ1-n080A08B30Nyz(a)	RSQ1-n080A08B30Cyz(a)	RSQ1-n080A10B30Nyz(a)	RSQ1-n080A10B30Cyz(a)
Phase:	3P	3P	3P	3P
Rated voltage (for driver):	200V~240VAC	200V~240VAC	200V~240VAC	200V~240VAC
Rated voltage (for motor):	220VAC	220VAC	220VAC	220VAC
Rated current:	4.60A	4.60A	6.30A	6.30A
Rated frequency:	250Hz	250Hz	250Hz	250Hz
Rated output:	0.75kW	0.75kW	1.0kW	1.0kW
Duty class:	S1	S1	S1	S1
Class of equipment:	Class I	Class I	Class I	Class I
Rated speed:	3000r/min	3000r/min	3000r/min	3000r/min
Thermal classification according to IEC 62114:	Class F	Class F	Class F	Class F
IP degree:	IP 67	IP 67	IP 67	IP 67

Remark: These test motors were tested in accordance with EN IEC 60034-5:2020. All models comply with EN IEC 60034-5:2020.

Tested EN 60034-1:2010
according to:

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