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Date: 2016/01/18  
 Subscriber: None  
 PartySite: 1512442  
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 Project No: 4787187741  
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 Type: R  
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Subject: **Procedure And/Or Report Material**

The following material resulting from the investigation under the above numbers is enclosed.

**Issue**

<u>Date</u>	<u>Vol</u>	<u>Sec</u>	<u>Pages</u>	<u>Revised Date</u>
2015/11/20	1	1	Cert of Compliance	
2015/11/20	1	1	Description Page(s)	
2015/11/20	1	1	Revised Test Record T2-1	2016/01/16

Please retrieve the documents via MyHome@CDA.

Inspections at your plant will be conducted under the supervision of BENNY CHRISTIANSEN, UL INSPECTION CENTER SCANDINAVIA, BORUPVANG 5A, BALLERUP, IL, Denmark, 2750., PHONE: 44856269, FAX: 44856500, EMAIL: benny.christiansen@ul.com

Please file revised pages and illustrations in place of material of like identity. New material should be filed in its proper numerical order.

NOTE: Follow-Up Service Procedure revisions DO NOT include Cover Pages, Test Records and Conclusion Pages. Report revisions DO NOT include Authorization Pages, Indices, Section General Pages and Appendixes.

Please review this material and report any inaccuracies to UL's Customer Service Professionals. Contact information for all of UL's global offices can be found at <http://ul.com/aboutul/locations>.

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NBK File

UL INSPECTION CENTER 335

Models	Section	Report Date
HDD09EMa, HDD09EPa, HDD09JKb, HDD09JMa, HDD09JPa, HDD09NMa, HDD09NPa, HDD09QPa, HDD09SPa, HDD14JPa, HDD14NMa, HDD14NPa, ICM09JMa, ICM09JPa, ICM09NMa, ICM09NPa, ICM09QPa, ICM09SPa, ICM0JKb, ICM14JPa, ICM14NMa, ICM14NPa <b>HSM09JPa, HSM09JMa, HSM09JKb, HSM09NPa, HSM09NMa, HSM09QPa, HSM14JPa, HSM14NPa, HSM14NMa</b>	1	2015-11-20

# CERTIFICATE OF COMPLIANCE

**Certificate Number** 20160118-E480628  
**Report Reference** E480628-20151120  
**Issue Date** 2016-JANUARY-18

**Issued to:** HDD Servo Motors AB  
Stallarholmsvagen 40  
124 59 Bandhagen SWEDEN

**This is to certify that representative samples of** COMPONENT - SERVO AND STEPPER MOTORS  
SEE ADDENDUM PAGE FOR MODELS

Have been investigated by UL in accordance with the Standard(s) indicated on this Certificate.

**Standard(s) for Safety:** UL 1004-1 Standard for Rotating Electrical Machines – General Requirements  
UL 1004-6 Standard for Servo and Stepper Motors  
CSA C22.2 No. 100-14 Standard for Motors and Generators

**Additional Information:** See the UL Online Certifications Directory at [www.ul.com/database](http://www.ul.com/database) for additional information

Only those products bearing the UL Certification Mark should be considered as being covered by UL's Certification and Follow-Up Service.

Recognized components are incomplete in certain constructional features or restricted in performance capabilities and are intended for use as components of complete equipment submitted for investigation rather than for direct separate installation in the field. The final acceptance of the component is dependent upon its installation and use in complete equipment submitted to UL LLC.

Look for the UL Certification Mark on the product.



Bruce Mahrenholz, Director North American Certification Program  
UL LLC

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# CERTIFICATE OF COMPLIANCE

**Certificate Number** 20160118-E480628  
**Report Reference** E480628-20151120  
**Issue Date** 2016-JANUARY-18

This is to certify that representative samples of the product as specified on this certificate were tested according to the current UL requirements.

Model Number:-

HDD09EPa, HDD09EMa, HDD09JPa, HDD09JMa, HDD09JKb, HDD09NPa, HDD09NMa, HDD09QPpa,  
HDD09SPa, HDD14JPa, HDD14NPpa, HDD14NMa, ICM09JPa, ICM09JMa, ICM09JKb, ICM09NPa,  
ICM09NMa, ICM09QPpa, ICM09SPa, ICM14JPa, ICM14NPpa, ICM14NMa, HSM09JPa, HSM09JMa,  
HSM09JKb, HSM09NPpa, HSM09NMa, HSM09QPpa, HSM14JPa, HSM14NPpa, HSM14NMa,



Bruce Mahrenholz, Director North American Certification Program

UL LLC

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TEST RECORD NO. 2

The manufacturer requested the evaluation of the HSM09J, HSM09N, HSM09Q, HSM14J and HSM14N servo motors in accordance with UL 1004-1 and -6 as well as CSA C22.2 No. 100.

These models are identical to the HDD models with the same suffix, except the HSM series is provided with a hollow-shaft.

The shaft design does not affect performance and therefore no testing was considered necessary. See Test Reference 1, File E480628, report date, 2015-11-20.

**Test Record Summary:**

The results of this investigation, including construction review and testing, indicate that the products evaluated comply with the applicable requirements in the standards noted below and, therefore, such products are judged eligible to bear UL's Mark as described on the Conclusion Page of this Report. Any information and documentation involving UL Mark services are provided on behalf of UL LLC or any authorized licensee of UL.

Standard	Title	Edition	Revision Date
UL 1004-1	Rotating Electrical Machines - General Requirements	2	2015-06-18
UL 1004-6	Servo and Stepper Motors	2	2012-06-06
CSA C22.2 No. 100-14	Motors and Generators	7	2014-07-01

Test Record by:

Reviewed by:

Kirk Anderson  
Principal Engineer

Sarah Gallichio  
Senior Project Engineer