

Signatory to the Multilateral Agreements of
EA for mutual recognition

represented in the

Deutscher Akkreditierungsrat



Accreditation

The **DGA Deutsche Gesellschaft für Akkreditierung mbH** herewith confirms that the inspection body

**Bosch Rexroth Electric Drives and Controls GmbH
Competence Center Murrhardt
Fornbacher Str. 92
D-71540 Murrhardt**

is competent under the terms of DIN EN ISO/IEC 17020 to carry out inspections in the fields of

**tightening and press fit spindles and their associated integrated devices,
the examination of measuring transducers for torque,
machine capability testing for torque, rotational angle, force**

The annex forms part of the certificate and comprises 1 page.

The accreditation is valid from **2009-12-22** to **2014-12-21**.

DAR registration number: **DGA-IS-012/06-01**

Frankfurt, 2009-12-22

Dipl.-Ing. (FH) Ralf Egner
Head of the Department Electrical Engineering/IT

Member in EA, ILAC, IAF

DGA Deutsche Gesellschaft für Akkreditierung mbH
Ernst-Augustin-Straße 15
12489 Berlin

with its places of business

Ernst-Augustin-Straße 15
12489 Berlin

Gartenstraße 6
60594 Frankfurt am Main

DGA is signatory to the Multilateral Agreement for Inspection (MLA) of European co-operation for Accreditation (EA). For inspection bodies, EA concluded further bilateral agreements for mutual recognition. The signatories to these agreements mutually recognise their accreditations of inspection bodies.

The up-to-date status of membership can be retrieved from the following website:
EA: <http://www.european-accreditation.org>

This accreditation has been awarded on the basis of an assessment and pursuant to the contract concluded with the accreditation body with respect to the accreditation of an inspection body in accordance with the rules and procedures of the German Accreditation System in conformity with the Standards DIN EN ISO/IEC 17020 and DIN EN ISO/IEC 17011.

The requirements in terms of materials and personnel as specified in DIN EN ISO/IEC 17020 for the specific inspection fields indicated in the accreditation certificate, as well as for the test methods described in the annex to the accreditation certificate, have been met.

Details of the scope of the accreditation (inspection fields, inspection methods and specifications) are given in the annex to this accreditation certificate.

The annex and the documents submitted form part of the accreditation certificate. Any amendments are to be made in writing.

The accreditation is awarded subject to revocation at any time due to the lapse of any conditions defined in the contract and in the annex to this accreditation certificate.

Accreditation certificates and annexes are not to be disseminated in any form other than the present one. The publication of extracts is subject to approval by DGA. The impression shall not be given that inspection by the inspection body also extends to products and services of the certificate holder which are not covered by this accreditation. If such an impression is given, the accreditation body is entitled to demand that changes be made.

This document is the property of DGA.

Anlage zur Akkreditierungsurkunde DGA-IS-012/06-01 vom 22.12.2009
Annex to the accreditation certificate

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Inhaber der Akkreditierungsurkunde:
Holder of this accreditation certificate:

Bosch Rexroth Electric Drives and Controls GmbH
Competence Center Murrhardt
Fornbacher Str. 92
D-71540 Murrhardt

Der Geltungsbereich der Akkreditierung erstreckt sich auf die nachstehend genannten Gebiete und die zugehörigen Inspektionsbereiche:

The scope of this accreditation indicates:

Norm / Standard Prüfvorschrift	Beschreibung / Description Messgröße / Prüfgegenstand
RNC-73411-000 In Anlehnung an die DIN 51309 und VDI/VDE 2646	Prüfung von Meßwertgebern für Drehmomente in Schraub- und Einpreßsystemen, Drehmoment in Nm
RNC-73410-000 In Anlehnung an die VDI/VDE 2647	Maschinenfähigkeitsuntersuchung, Drehmoment Drehmoment in Nm
RNC-73412-000 In Anlehnung an die VDI/VDE 2647	Maschinenfähigkeitsuntersuchung, Winkel Winkel in Grad
RNC-73413-000 Anweisung zur dynamischen Prüfung von Werkzeugen für Kraft	Maschinenfähigkeitsuntersuchung, Kraft Kraft in kN

Für die fachliche Richtigkeit der Inspektionsberichte verantwortlich:

Technical responsibility for the inspection reports:

Jürgen Kriz, Albrecht Schindler, Colin Emmerson, Jürgen Senner, Peter Malek, Thomas Schubert, Dieter Fromme, Andreas Piech, Joachim Meuser, Hugo Ludwig, Thomas Ott, Ralf Riez, Alexander Kovacs, Leonardo Cocomazzi, Martin Manhalter, Oliver Konrads, Marco Baumann, Tanja Merkle, Martin Karpf, Maik Weidner, Thomas Pfreundtner, Björn Mause

Die Akkreditierung gilt nur für Produkte, deren Prüfung, Zertifizierung und/oder Inspektion durch Drittstellen nicht durch Rechtsvorschriften vorgeschrieben sind.

The accreditation is valid for products which are not mandatory to be tested, certified and/or inspected by third parties.