CERTIFIKAT

SWEDISH TYPE APPROVAL 1357
WITH DECISION ON PRODUCTION CONTROL

Holder: Grohe AG
Industriepark Edelburg, 58675 Hemer, Germany
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E-mail: grohe@grohe.se Homepage: www.grohe.com

Grohe sink mixer taps with extractable spout

Product description
Single-lever mixer valves with or without shut-off valve, in chrome-plated brass. The mixer tapware is equipped with type approved flexible connecting hoses.

Intended use
Kitchen mixer for hot and cold tap water.

Scope
According to the table in section "Associated documents" in this certificate.

Approval
The products meet the requirements of Chapter 8, Section 4, of the "Planning and Building Act" (PBA) regarding the technical characteristics of construction works, 3. Protection with regard to hygiene, health and environment, depending on, that what is stated in this approval is followed. The products are approved according to the following section(s) of "Boverket's Building Regulations" (BBR):

Construction products with assessed properties	1:4
Tao water installations	6:62, first sentence, paragraph 2 and general advice
Tap water flow	6:623
Backflow	6:624
Design	6:625, paragraph 1 and 4

Marking
Marking must be affixed on the product or, if there are special reasons, on the packaging or the delivery note. Marking shall indicate the following information:

Holder:	Grohe AG
Product name, and relevant article number:	Product name (article number)
Production site:	Applicable manufacturer or ID code
Traceability to the production:	(e.g. yyyy-mm-dd or batchnumber)
Information about requirements or class, if relevant:	-
The registered trademark of Boverket No 241 217:	Ψ
Certification Body:	Kiwa Certification AB
Accreditation number:	1913
Type Approval No:	1357
Inspection Body:	Kiwa Certification AB

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Accred. no. 1913
Certification of Products
ISO/IEC 17065

Production site:
Factory code 0202 and 1702.

Control
The manufacturers´ continuing internal control is combined with surveillance inspections conducted by an accredited Inspection Body.
Inspection Body: **Kiwa Certification AB** Inspection agreement: **0148/15, revision 5**

Factory production control shall be carried out in accordance with the current instructions for control.

During inspection at the construction site, the building proprietor must verify the identity of the product by means of the marking. Furthermore, the building proprietor must ensure that the correct products are delivered and that they are installed in accordance with the manufacturer's instructions in the accompanying documents. It must also be verified that the product is accompanied by a manufacturer's declaration that certifies that production has been carried out in accordance with the documents that formed the basis for this type approval.

The validity of the Swedish Type Approval also implies that the factory production control is carried out according to the instructions for control and that the holder annually fulfils the requirement in "Boverket's regulations and general recommendations for type approval", BFS 2013:6, § 5 (TYP 7), on continuing internal control. The holder shall annually, at the latest on the 15th of December, report to Kiwa Certification at the e-mail address se.annualreporting@kiwa.com about continuing surveillance.

Associated documents

Product designation	Article no.	Installation instructions
Eurosmart	30305xx0	99.0639.231
Zedra	31203xx0	99526
	32553xx0	96748
	31795xx0	990384231
Start	30307xx0	99.1723.031 99.1667.031 99.1524.131
K7	31379xx0	99141
Minta	31558xx0	95.581.531
	32918xxE	94.433
	30274xx0	95.581.331
	31916xx0	95.581.631
	30347xx0	
	30437xx0	
	31668xx0	
	32168xx0	
	32067xx0	

The assessment basis for the approval
Test report: 623974A-F by DTI ; 201900073 by SINTEF ; 7313266-05 by TÜV-LGA ; 120004075-2 by MPA-NRW.
Kiwa inspection reports: dated 2021-11-04 (SAR-1702) and dated 2021-10-05 (SAR-0202).
Report 57216222-04 from TÜV Rheinland. DTI report 565204-2.
Kiwa Certification AB, Assessment report 0237/2021, dated 18/06/2021.

Comments
The approved kitchen mixers have been verified according to EN 817:2008 and NKB Product Rules No. 4

The Type approval is valid provided that the product shall neither be CE marked according to the Construction Product Regulation (EU) No 305/2011 (CPR), nor has it been suspended or withdrawn by Kiwa Certification AB.

Date of decision: 2022-08-16 Registration number: 289/2022

Valid until: 2026-06-20 Previous registration number: 185/2022

Bengt-Olov Andin **Kasem Bjelevac**