CERTIFIKAT

SWEDISH TYPE APPROVAL 1414
WITH DECISION ON PRODUCTION CONTROL

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

GROHE Lineare mechanical mixing valves

Product description
Single-lever mixing valve in brass, equipped with type approved flexible connecting hoses.

Intended use
Single-lever basin mixing valve 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 regarding hygiene, health and the 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
Tap water installations	6:62, first sentence and paragraph 2.
Tap water flow	6:623, first sentence.
Back flow	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:	ID code 0202
Traceability to the production:	(e.g. yyyy-mm-dd or batchnumber)
The registered trademark of Boverket No 241 217:	Ψ
Certification Body:	Kiwa Certification AB
Accreditation number:	1913
Type Approval No:	1414
Inspection Body:	Kiwa Certification AB

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

Production site:
ID code 0202

Control
The manufacturers´ continuing internal control is combined with surveillance inspections conducted by an accredited Inspection Body.
Inspection Body: **Kiwa Certification AB** Inspection agreement: **148/15, 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 current agreement 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 AB at the e-mail address se.annualreporting@kiwa.com about continuing surveillance.

Associated documents

Product designation	Product description	Article no.	Installation instructions
Lineare	New EHM Kaltstart WT XS	23790xx1	99.0747.031
	New EHM WT "Click" XS	23791xx1	99.0747.031
	EHM WT PushOpen S	23106xx1	99.0747.031
	New EHM WT S	32114xx1	99.0747.031
	New EHM Bidet	33848xx1	99.0747.031
	New EHM WT XS	32109xx1	99.0747.031
	New EHM FMS WT 2-L UP M	19409xx1	99.0755.031
	New EHM Waschschuessel WT XL	23405xx1	99.0747.031
	New 2-Gr WT 3-L M	20304xx1	99.0747.031
	New EHM FMS WT 2-L UP L	23444xx1	99.0755.031
	New EHM WT L	23296xx1	99.0747.031
	EHM WT S	23996xx1	99.0747.031

The assessment basis for the approval
SINTEF test reports 201700088, 201700100a and 201700100b.
Reports according to KTW and DVGW W270 as in the report list dated 2022-09-19.

Comments
Lineare 19409xx1 and 23444xx1 are wall mounted by use of concealed body for OHM with article number 23571000.

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: 2022-09-20 Registration number: 345/2022

Valid until: 2027-09-19 Previous registration number: 0026/2020

Bengt-Olov Andin **Kasem Bjelevac**