



UK APPROVAL (ATS3)
Certificate Number: 2001771

Date Issued: 29 January 2020
Date Expired: 28 January 2025

Description: In-line and angled (42147100, 42193700 & 42193900 models) screwdriver operated spherical valves with DZR brass or chromium plated DZR brass bodies, brass ball, EPDM 'O'-rings and PTFE seats. 421 prefix models can also have EPDM seats. The 4361500 model incorporates a stainless steel filter.

Maximum working pressure 10.0 bar. Maximum operating temperature 95°C.

Product Designation: Please see attached approval letter for full range of models.

This is to certify that the above range of products manufactured / supplied by

Company Name: BROEN A/S

has been tested and found to comply with the requirements of the Water Supply (Water Fittings) Regulations 1999 for England and Wales, the Water Byelaws 2014, Scotland and the Water Regulations Northern Ireland.

This certificate must be read in conjunction with the acceptance letter for this product.

This approval is intended for compliance with the above Regulations and must not be considered equivalent to the product certification provided by Kiwa N.V.

To comply with the Regulations and Byelaws all products require the correct installation. Details of the installation requirements (IRN's) can be obtained from the acceptance letter supplied with this certificate.

Applicable IRN's for this certificate – R001

Authorised Signature

CERTIFICATE

Kiwa Watertec
(A Trading Division of
Kiwa Ltd)
Unit 26A
Rassau Industrial Estate
Ebbw Vale, Gwent,
NP23 5SD
UNITED KINGDOM
Tel: 0044 (0) 1495 308185
Web: www.kiwa.co.uk

Certificate Issued to –
Broen A/S
Skovvej 30
5610 Assens
DK - Denmark





Date: 29 January 2020

Our Ref: 2001771
Sample No: S190057

Broen A/S
Skovvej 30
5610 Assens
DK - Denmark

Kiwa Ltd
Unit 26a, Rassau Industrial Estate
Rassau
Ebbw Vale
Gwent
NP23 5SD

+44 (0)1495 308185
uk.water@kiwa.com

www.kiwa.co.uk/water

Dear Sir,

1. Samples of fittings or units described below have been subjected to relevant tests and examinations contained in the "UK Regulators Specification", and after considering the test reports, Kiwa Ltd finds that the fittings or units so described, comply with, when correctly installed, the requirements of the UK Water Supply (Water Fittings) Regulations 1999, The water supply (water fittings) Byelaws 2014 Scotland and the Water Supply (Water Fittings) Regulations (Northern Ireland) 2009.

DIRECTORY INDEX CATEGORY 2260

VALVES

Spherical – Metal

IRN: R001

In-line and angled (42147100, 42193700 & 42193900 models) screwdriver operated spherical valves with DZR brass or chromium plated DZR brass bodies, brass ball, EPDM 'O'-rings and PTFE seats. 421 prefix models can also have EPDM seats. The 4361500 model incorporates a stainless steel filter.

Maximum working pressure 10.0 bar. Maximum operating temperature 95°C.

| | | |
|-------------|-------------------|-------------------------------|
| Size/Model: | B3800 (42100100): | G3/8" (F) x G3/8" (F) |
| | B3800 (42100200): | 1/4" (F) x G1/4" (F) |
| | B3800 (43100800): | G1/2" (F) x G1/2" (F) |
| | B3800 (44150300): | G3/4" (F) x G3/4" (F) |
| | B3800 (45150300): | G1" (F) x G1" (F) |
| | B3800 (45150400): | G1" (F) x G1" (F) |
| | B3801 (42100300): | G3/8" (F) x G3/8" (M) |
| | B3801 (42100400): | G1/4" (F) x G1/4" (M) |
| | B3801 (4354500): | G1/2" (F) x G1/2" (M) |
| | B3801 (44150100): | G3/4" (F) x G3/4" (M) |
| | B3801 (45150200): | G1" (F) x G1" (M) |
| | B3802 (42179500): | G3/8" (F) x Compression Ø10mm |
| | B3802 (42179600): | G3/8" (F) x Compression Ø12mm |
| | B3802 (43150100): | G1/2" (F) x Compression Ø15mm |
| | B3802 (43169700): | G1/2" (F) x Compression Ø12mm |
| | B3802 (43169900): | G1/2" (F) x Compression Ø10mm |
| | B3802 (44154500): | G3/4" (F) x Compression Ø22mm |
| | B3803 (42100500): | G1/2" (F) x G1/2" (F) |
| | B3803 (42100600): | G1/2" (M) x G1/2" (M) |
| | B3803 (43100700): | G1/2" (M) x G1/2" (M) |
| | B3803 (44100900): | G3/4" (M) x G3/4" (M) |

| | |
|-------------------|--|
| B3804 (42174100): | G1/2" (M) x Compression Ø10mm |
| B3804 (42174200): | G1/2" (M) x Compression Ø12mm |
| B3804 (42174300): | G1/2" (M) x Compression Ø15mm |
| B3805 (42176600): | Swivel nut - G1/2" x G1/2" (M) |
| B3805 (44147900): | Swivel nut - G3/4" x G3/4" (M) |
| B3806 (42100700): | Compression Ø15mm x Compression Ø15mm |
| B3806 (42100800): | Compression Ø15mm x Compression Ø10mm |
| B3806 (42100900): | Compression Ø12mm x Compression Ø12mm |
| B3806 (42101000): | Compression Ø12mm x Compression Ø10mm |
| B3806 (42178200): | Compression Ø8mm x Compression Ø8mm |
| B3806 (42178300): | Compression Ø10mm x Compression Ø8mm |
| B3806 (42178400): | Compression Ø10mm x Compression Ø10mm |
| B3806 (42178500): | Compression Ø12mm x Compression Ø8mm |
| B3806 (42178800): | Compression Ø15mm x Compression Ø8mm |
| B3806 (42179000): | Compression Ø15mm x Compression Ø12mm |
| B3806 (42179200): | Compression Ø16mm x Compression Ø10mm |
| B3806 (42179300): | Compression Ø16mm x Compression Ø12mm |
| B3806 (43151300): | Compression Ø17mm x Compression Ø10mm |
| B3806 (43159100): | Compression Ø15mm x Compression Ø15mm |
| B3806 (43159300): | Compression Ø22mm x Compression Ø15mm |
| B3806 (44153700): | Compression Ø18mm x Compression Ø18mm |
| B3806 (44153800): | Compression Ø22mm x Compression Ø22mm |
| B3806 (45152500): | Compression Ø28mm x Compression Ø28mm |
| B3812 (42193700): | Compression Ø12mm x Compression Ø12mm |
| B3812 (42193900): | Compression Ø15mm x Compression Ø15mm |
| B9027 (4361500): | Compression Ø15mm x Compression Ø15mm |
| B9041 (42182300): | G3/8" (M) x Tectite Ø10 |
| B9041 (42182400): | G3/8" (M) x Tectite Ø12 |
| B9041 (42182600): | G1/2" (M) x Tectite Ø12 |
| B9041 (42182700): | G3/8" (M) x Tectite Ø15 |
| B9041 (43100300): | G1/2" (M) x Tectite Ø15 |
| B9044 (42182500): | Tectite Ø15 x Tectite Ø15 |
| B9044 (43101800): | Tectite Ø10 x Tectite Ø15 |
| B9045 (42176400): | Swivel nut - G1/2" x Compression Ø12mm |
| B9045 (42177000): | Swivel nut - G1/2" x Compression Ø15mm |
| B9055 (42147100): | Swivel nut - G1/2" x Compression Ø15mm |

Marking: Ballofix logo (brand of Broen), size, pressure and DR on the body.

Manufacturer: BROEN A/S

2. Installation Requirements & Notes are set out at the end of this approval letter.
3. Fittings or units (and any non-metallic components within them) are re-assessed and, where necessary, retested every 5 years. You will be advised when your product is due for re-assessment. The extent of any retesting required for a product will be at the discretion of the Technical Manager.
4. Acceptance for listing entitles the applicant to identify your product with the Scheme's (Kiwa Water Regulations Approval Scheme) mark. The use of the Mark will make the identification easier of the approved products by the Water Undertakers. Copies of the Mark are available on request for the purposes of producing artwork.
5. Manufactures or applicants may only quote in their sales literature, items used in this letter when indicating the decision of the Scheme in respect to their fittings or units, namely that the

use of these fittings or units, when correctly installed, will not contravene the requirements of the Water Supply (Water Fittings) Regulations 1999, Water Byelaws 2004 Scotland or Water Regulations (Northern Ireland) 2009 and that a reference to the fittings or units will be included in the Scheme's web site.

6. Since the incorrect installation of water fittings could result in contravention of the Regulations or Byelaws requirements, the attention of your customers should be drawn to any Installation Requirements for Regulations or Byelaws compliance set out on Page 3.
7. Would you please supply the Scheme with a copy of any of your company literature, which may or will make reference to the Scheme's decisions about the products and/or quotes any of the installation requirements.
8. A condition of listing is that no modifications to these fittings or units described above shall be made without first notifying the Scheme and submitting to the Scheme details of the modifications and, if so required, samples of the fittings or units as so modified for consideration by the Scheme. Failure to comply with this condition may result in the removal from the Scheme's listing for the entry relating to the fittings or units in question.
9. Your products are requested to be replicas of the samples described above, and the right is reserved to carry out quality surveillance inspections of your production arrangements, reasonable written notice of which will be given.
10. Please note that the use of the items described in any particular area of supply is at the discretion of the Local Water Undertaking.
11. Manufactures or factors having appliances or units referred to in the Scheme's listing which incorporated individually approved components and materials are asked to ensure that such components and materials continue to be approved and/or listed in the relevant approved listings, during the current period of approval of their appliance. This may require modifications to approved appliances to ensure their retention in the Scheme's listings. The Scheme must be informed of any modifications (See Paragraph 8).
12. You are asked to verify the details of your products as set out in Paragraph 1 and advise us of any discrepancies.

Yours faithfully



David Jay
Business Manager

Installations Requirements & Notes.

IRN R001

See text of entry for Installation Requirements or Notes.