



*This certifies that*

**DOLPHIN SOLUTIONS LTD**

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*has had the undermentioned product(s) examined, tested and certified as being of an appropriate quality and standard as required in the Water Supply (Water Fittings) Regulations and Scottish Water Byelaws, subject to scheme requirements being met when installed.*

*Model Numbers*

**DB3020.x(.xx) Dolphin Blue range of handheld shower outlets**

*The certificate by itself is not evidence of a valid WRAS Approval. Confirmation of the current status of an approval must be obtained from the WRAS Approvals Directory ([www.wras.co.uk/directory](http://www.wras.co.uk/directory))*

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*The product so mentioned will be valid until the end of:*

**June 2026**

*Certificate No.*

**2106335**

A handwritten signature in blue ink, appearing to read 'Ian Hughes', with a long horizontal flourish extending to the right.

Ian Hughes,  
WRAS Approvals Manager

# Directory Search Results

WRAS Approval Number: 1904081

Approved Product

Range of brass or stainless steel double interlocked hoses incorporating EPDM inner hoses. The hoses are supplied with EPDM gaskets. Maximum working pressure 5.0 bar. Maximum operating temperature 80°C.

- **Section:** 1863 Tubes (?section=1863)
- **Section Subtitle:** Elastomeric.
- **WRAS Approval Number:** 1904081
- **Expiry date:** 30/04/2024
- **Size:** For DN 14 various brass end connectors: 1/2" knurled nuts - female 1/2" hexagonal nuts - female 1/2" smooth nuts - female 1/2" conical nuts - female 1/2" anti-twist conical nuts - female 3/4" knurled round nut - female 3/8" nuts - female 3/8" cylindrical connector - female 1/2" demountable connector - female 3/8 M 15 x1 M 12 x 1M For DN 15 various brass end connectors: 1/2" knurled nuts - female 1/2" hexagonal nuts - female 1/2" smooth nuts - female 1/2" conical nuts - female 1/2" anti-twist conical nuts - female 3/8 M For DN 17 brass end connectors: F1/2 x F1/2
- **Marking:** DOLPHIN LOGO (D) ON FERRULE
- **Installation Requirements** R001 (/approvals/testing-requirements/installation\_requirements/irn\_r001)
- **Model**  
 Dolphin Blue DB30ab.ccc.d.ee  
 "a" Identifies the material type of the metal interlocked hose and threaded end connectors; these codes can be:  
 DB303x. for brass material  
 DB304x. for stainless steel material  
 "b" Identifies the type of fitting/threaded connector at either end of the hose ranging from DB30a1. to DB30a9.  
 "ccc" Identifies the length range of the metal interlocked hose from 500mm "DB30ab.200"  
 "d" Identifies the external finish to the metal parts from "DB30ab.ccc.1 to DB30ab.ccc.9":  
 "1" denotes brushed/satin polished  
 "2" denotes mirror polished  
 "3" denotes brushed/satin polished with PVD coating  
 "4" denotes mirror polished with PVD coating  
 "5" denotes powder coated  
 "6 - 9" to denote other material and finish options that may be available in the future  
 "ee" indicates the colour of PVD or powder coat that has been applied from "DB30ab.ccc.d.00" to "DB30ab.ccc.d.99"
- **Factor:** Dolphin Solutions Ltd View All Listings by this Company (?company=18034)



*This certifies that*

**DOLPHIN SOLUTIONS LTD**

*has had the undermentioned product examined, tested and found, when correctly installed, to comply with the requirements of the United Kingdom Water Supply (Water Fittings) Regulations and Scottish Water Byelaws.*

**DB3100.X(.XX), DB3101.X(.XX), DB3200.X(.XX) & DB3201.X(.XX)  
THERMOSTATIC BLENDING VALVES**

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*The product so mentioned will be valid until the end of:*

**November 2024**

**1911347**

*Certificate No.*

A handwritten signature in black ink, appearing to read 'J Funnell', written in a cursive style.

*Secretary*

A handwritten signature in black ink, consisting of several vertical strokes followed by a horizontal line, written in a cursive style.

*Chairman, Product Assessment Group*