



## The National BIM Library

BIM Object Guide: DB1650 Dolphin Blue Monobloc Mixer Tap



Version 1.0

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[www.nationalBIMlibrary.com](http://www.nationalBIMlibrary.com)

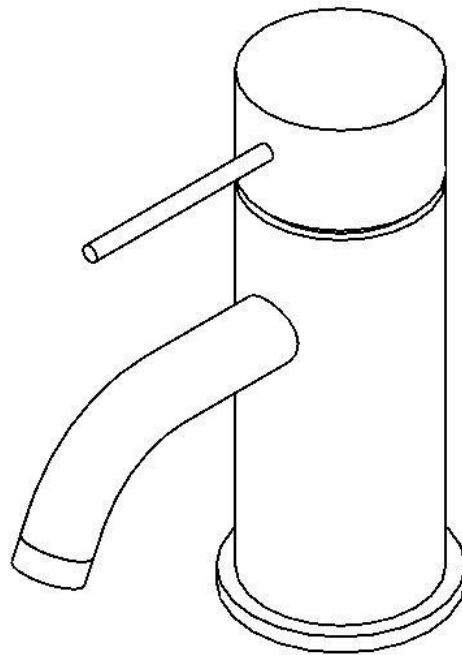
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## 1.0 Introduction

This guide covers the use of DB1650 Dolphin Blue Monobloc Mixer Tap included within the National BIM Library.

### DB1650 Dolphin Blue Monobloc Mixer Tap



All products listed below are included in the following file:

nbl\_WtrSplyFitngsForWshBsnsAndTrghs\_DolphinDispensers\_DB1650DolphinBlueMonobloc MixerTap

DB1650 Dolphin Blue Monobloc Mixer Tap

## 1.1 Naming

National BIM Library objects are named to identify their type and configuration. Fields are segregated using an under bar (\_) and information within each field is segregated using hyphens (-). Fields are abbreviated to reduce characters and capitals used at the start of each abbreviation to aid readability.

File name and objects are named as below:

### File name

**Field1** *Author\_* **Field2** *Category\_* **Field3** *Manufacturer\_* **Field4** *Product Range*

### Object

**Field1** *Author\_* **Field2** *Category* **Field3** *Manufacturer\_* **Field4** *Product\_* **Field5** *Differentiator*

## 2.0 Parameters

Parameters included in the DB1650 Dolphin Blue Monobloc Mixer Tap BIM object are as follows:

### 2.1 National BIM Library Parameters

<b>Author</b>	The name of the BIM objects Author.
<b>BIMObjectName</b>	Name of the BIM object as it will appear in software. Using NBL naming procedure.
<b>Description</b>	The full description of a product or system.
<b>Help</b>	URL of a website where additional help notes are available.
<b>IssueDate</b>	The issue date of this BIM object.
<b>ManufacturerURL</b>	URL of the product or system manufacturer.
<b>NBSDescription</b>	NBS Uniclass title.
<b>NBSNote</b>	Where a second system which is related to the BIM object can be described.
<b>NBSReference</b>	NBS Uniclass section/clause number.
<b>NBSTypeID</b>	A reference to the object for the user if one or more is used within the project.
<b>Uniclass2</b>	Uniclass2 code.
<b>Version</b>	The version number of the BIM object.

## 2.2 NBS Parameters

<b>Certification</b>	Product approval and certification by an accredited organization.
<b>IntegralAccessories</b>	Manufacturer's prefitted accessories and fittings.
<b>MaximumFlowRate</b>	Maximum flow rate measured in [L/mute].
<b>MaximumWaterSupplyTemperature</b>	Maximum water temperature supplied from taps measured in [°C].

## 2.3 Manufacturers Parameters

<b>AutomaticShutOffTime</b>	Time measured in [s].
<b>FinishOptions</b>	Available finish options.
<b>PowerConnections</b>	Connection type.
<b>SensorRange</b>	Range measured in [mm].
<b>WaterFeed</b>	Feed diameter measured in ["].
<b>WaterSupply</b>	Supply type.

## 2.4 IFC Parameters

Note: IFC definitions have been obtained from BuildingSmart IFC2x3 website (<http://buildingsmart-tech.org>).

<b>ElectricalDeviceNominalPower</b>	The output power rating that is certified for a device.
<b>FaucetFunction</b>	Defines the operating temperature of a faucet that may be specified.
<b>FaucetOperation</b>	Defines the range of ways in which a faucet can be operated that may be specified.
<b>FaucetTopDescription</b>	Description of the operating mechanism/top of the faucet.
<b>FaucetType</b>	Defines the range of faucet types that may be specified.
<b>Finish</b>	Description of the finish applied to the faucet.
<b>HasProtectiveEarth</b>	Indicates whether the electrical device has a protective earth connection (=True) or not (= FALSE).
<b>InsulationStandardClass</b>	Insulation standard classes provides basic protection information against electric shock. Defines levels of insulation required in terms of constructional requirements (creepage and clearance distances) and electrical requirements (compliance with electric strength tests). Basic insulation is considered to be shorted under single fault conditions. The actual values required depend on the working voltage to which the insulation is subjected, as well as other factors. Also indicates whether the electrical device has a protective earth connection.
<b>IPCode</b>	IEC 529 (1989) Classification of degrees of protection provided by enclosures (IP Code).
<b>NominalCurrent</b>	The maximum allowed current that a device is certified to handle.
<b>NominalVoltage</b>	The range of allowed voltage that a device is certified to handle. The upper bound of this value is the maximum.
<b>NumberOfPoles</b>	The number of logical connections that can be made on an electrical device.

<b>PhaseAngle</b>	The angular difference between two waveforms of the same frequency.
<b>PhaseReference</b>	The phase identification used for the device electrical input. This should be the same phase identifier that is used for the conductor segment providing the electrical service to the device. In general, it is recommended that IEC recommendations for phase identification are used (L1, L2 etc.). However, other phase identifiers may be used such as by color (Red, Blue, Yellow) or by number (1, 2, 3) etc.
<b>Reference</b>	Reference ID for this specified type in this project (e.g. type A-1 ).
<b>UsageCurrent</b>	The current that a device is actually handling or is calculated to be handling at a point in time.



## 2.5 COBie Parameters

The following COBie parameters have been included within the DB1650 Dolphin Blue Monobloc Mixer Tap BIM object and can be used to prepare COBie data schedules:

<b>AccessibilityPerformance</b>	Accessibility issue(s) which the product satisfies.
<b>AssetIdentifier</b>	The asset identifier assigned to an occurrence of a product (prior to handover).
<b>BarCode</b>	The identity of the bar code (or rfid) given to an occurrence of the product.
<b>CodePerformance</b>	Code Compliance requirement(s) which the product satisfies.
<b>Colour</b>	Characteristic or primary colour of product.
<b>Constituents</b>	Optional constituent features, parts or finishes.
<b>Cost</b>	Cost impact of replacement process.
<b>Documentation</b>	Location (Uniform Resource Information) for further product information.
<b>DocumentReference</b>	Location (Uniform Resource Information) for the source or updates to this product information.
<b>Features</b>	Features or other important characteristics relevant to product specification.
<b>Grade</b>	Standard grading(s) to which the product corresponds.
<b>InstallationDate</b>	The date that the manufactured item was installed.
<b>LifeCyclePhase</b>	Life Cycle Phase as defined in ISO 15978.
<b>Manufacturer</b>	The organization that manufactured or assembled the item.
<b>Material</b>	Main material of the covering/
<b>MethodOfMeasurement</b>	Method of measurement.
<b>ModelLabel</b>	The model number assigned by manufacturer.
<b>ModelReference</b>	The name used by the manufacturer.

<b>NominalHeight</b>	Nominal height of product, typically the vertical or secondary characteristic dimension.
<b>NominalLength</b>	Nominal length of product, typically the larger or primary horizontal dimension.
<b>NominalWidth</b>	Nominal width of product, typically the characteristic or secondary horizontal or characteristic dimension.
<b>Process</b>	Specification of process.
<b>ProductionYear</b>	The year of production for the manufactured item.
<b>ReferenceStandard</b>	Reference standard(s) to which the product is compliant.
<b>ReplacementCost</b>	An indicative cost for unit replacement.
<b>SerialNumber</b>	The serial number assigned to an occurrence of a product by the manufacturer.
<b>ServiceLifeDuration</b>	The length or duration of a service life.
<b>ServiceLifeType</b>	The typical service life that is quoted for an artefact under reference operating conditions.
<b>Shape</b>	Characteristic shape of product.
<b>Size</b>	Characteristic size of product.
<b>SustainabilityPerformance</b>	Sustainability issue(s) which the product satisfies.
<b>TagNumber</b>	The tag number assigned to an occurrence of a product.
<b>WarrantyDescription</b>	Description of the warranty.
<b>WarrantyDurationLabour</b>	Duration of labour warranty (years).
<b>WarrantyDurationParts</b>	Duration of parts warranty (years).
<b>WarrantyGuarantorLabour</b>	Organization acting as guarantor of labour warranty.
<b>WarrantyGuarantorParts</b>	Organization acting as guarantor of parts warranty.
<b>WarrantyStartDate</b>	The date on which the warranty commences.

### 3.0 Abbreviations

<b>Bsns</b>	Basins
<b>Fitngs</b>	Fittings
<b>nbl</b>	national BIM library
<b>Sply</b>	Supply
<b>Trghs</b>	Troughs
<b>Wsh</b>	Wash
<b>Wtr</b>	Water