Datasheet

Smooth Open Aerator
STD Size





Aerated



Laminar

Materials used

Body:	POM
	silicone
Damper:	POM
	stainless steel
	NBR
Washer:	NBR



Aerated stream



Laminar stream

Smooth Open aerators open with a slight delay to prevent splashing. This is especially useful when filling glasses, cups, or pots. They are particularly suitable for kitchen faucets with a large drop height between the spout and basin, as well as for touchless electronic faucets.

Model Overview

Model | Flow Rate @ 3 bar	STD insert	M22x1	M24x1	Wetted Surface (in mm²)
Aerated | 16 l/min	02.0445.000	01.0435.000	01.0445.000	6.049
Laminar | 16 l/min	02.0439.000	01.0439.000	01.0449.000	6.022

Assembly Instructions

ATTENTION!

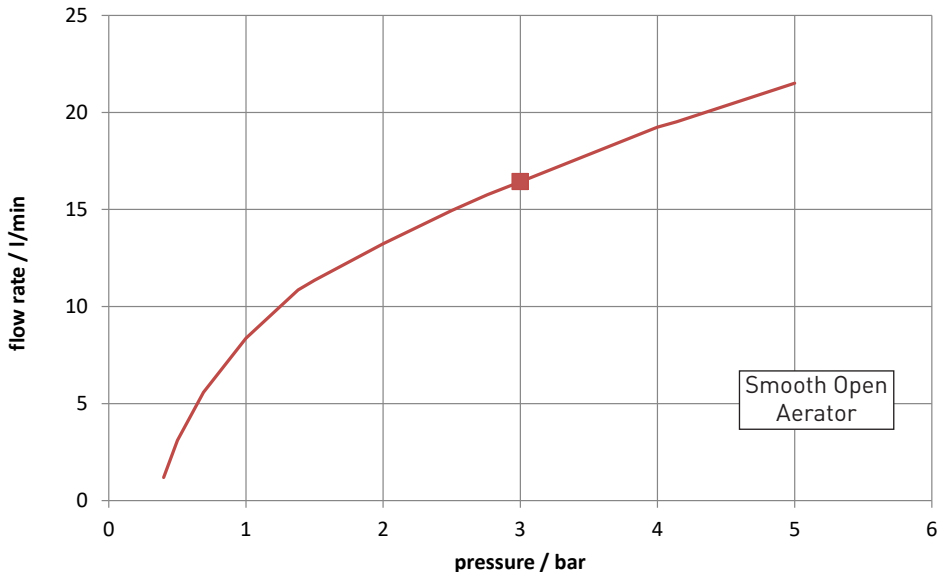
Product may not be altered!
May not be used for hot water application exceeding 70°C

ATTENTION!
MAXIMUM MOUNTING TORQUE
1.5 Nm
steadily applied

Suitable Housings

Please refer to the datasheet „Housing Overview STD Size“

Flow Range



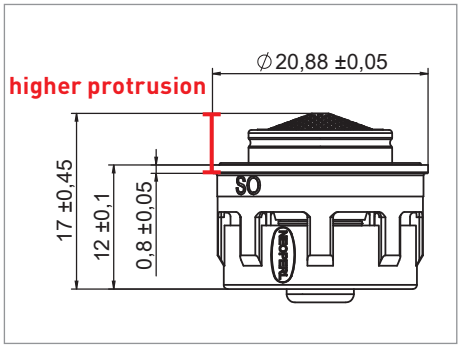
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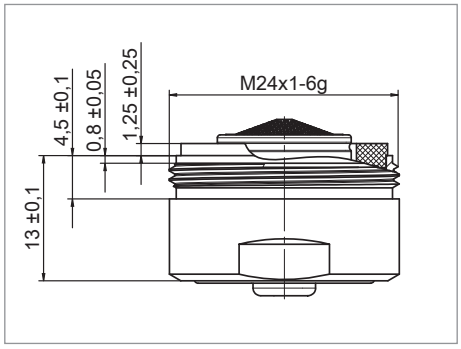
NEOPERL®
flow, stop and go®

Dimensions (in mm)

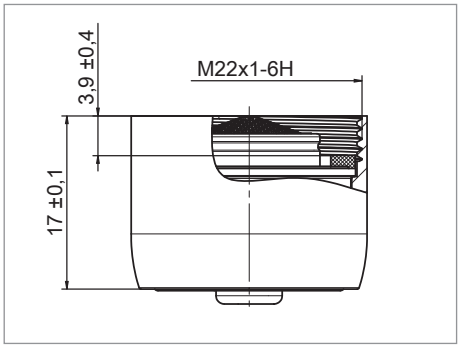
according to EN246



Smooth Open STD Insert



Smooth Open M24×1



Smooth Open M22x1

Smooth Open inserts are basically compatible with any other STD size inserts. However, it must be ensured that the faucet bore is large enough to accommodate the higher protrusion of the Smooth Open compared to other aerator inserts. Otherwise, leakage may occur.

Application Areas



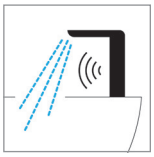
Drinking water only



Basin faucets



Kitchen faucets



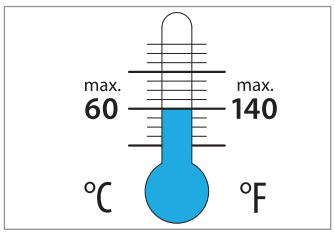
Touchless faucets

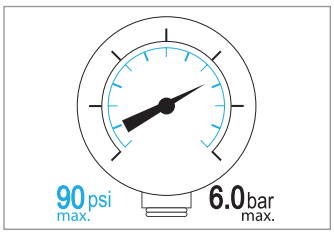


Not suitable for pressureless water heaters

Operating Conditions

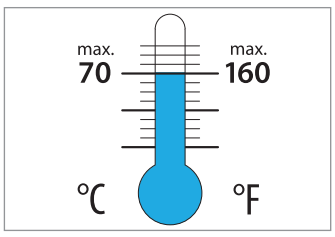
Continuous

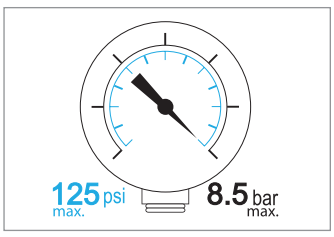




Damping function is influenced by water temperature (increased damping at lower temperatures and lower pressures).

Short-term (3 minutes max.)





Indicated pressure values refer to supply line pressure.
Avoid water hammer.

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