



# Brass Poppet Check Valve, Fixed Pressure, 1/2 in. Swagelok Tube Fitting, 1/3 psig (0.03 bar)

Part #: B-8C-1/3

Specifications	
Body Material	Brass
Cleaning Process	Standard Cleaning and Packaging (SC-10)
Connection 1 Size	1/2 in.
Connection 1 Type	Swagelok® Tube Fitting
Connection 2 Size	1/2 in.
Connection 2 Type	Swagelok® Tube Fitting
Cracking Pressure	1/3 psi (0.03 bar, 0.003 MPa)
CV Maximum	1.68
O-Ring Material	Buna N
Room Temperature Pressure Rating	2100 PSIG @ 100°F /144 BAR @ 37°C
Surface Finish	Standard
Testing	No Optional Testing
eClass (4.1)	37010801
eClass (5.1.4)	27300400
eClass (6.0)	27300601
eClass (6.1)	27300601
eClass (10.1)	27300601
UNSPSC (4.03)	40141622
UNSPSC (10.0)	40141641
UNSPSC (11.0501)	40141641
UNSPSC (13.0601)	40141641
UNSPSC (15.1)	40141641
UNSPSC (17.1001)	40183101

## Contact

If you have questions about this product, please contact your local authorized sales and service center. They can also tell you about supporting services to help you get the most out of your investment.

*The complete catalog contents must be reviewed to ensure that the system designer and user make a safe product selection.*

*When selecting products, the total system design must be considered to ensure safe, trouble-free performance. Function, material compatibility, adequate ratings, proper installation, operation, and maintenance are the responsibilities of the system designer and user.*

*Do not mix/interchange Swagelok products or components not governed by industrial design standards, including Swagelok tube fitting end connections, with those of other manufacturers.*

## Fixed Pressure

Control back flow in general-service and high-purity applications with Swagelok check valves available in a range of adjustable and fixed cracking pressures.

 © 2026 Swagelok Company. All rights reserved.