



Stainless Steel 3-Piece High Pressure 3-Way Ball Valve, PCTFE Seats, 8 mm Tube Fitting x 8 mm Tube Fitting x 1/4 in. FNPT

Part #: SS-83XKS8MM

Specifications	
Body Material	316 Stainless Steel
Cleaning Process	Standard Cleaning and Packaging (SC-10)
Connection 1 Size	8 mm
Connection 1 Type	Swagelok® Tube Fitting
Connection 2 Size	8 mm
Connection 2 Type	Swagelok® Tube Fitting
Connection 3 Size	1/4 in.
Connection 3 Type	Female NPT
CV Maximum	0.75
Flow Pattern	3-Way, Switching
Handle Color	Black
Handle Style	Phenolic Handle
Low Emissions Certified	Yes
Orifice	0.187 in /4.7 mm
Room Temperature Pressure Rating	6000 PSIG @ 100°F /413 BAR @ 37°C
Seat Material	PCTFE
Service Class	General
Testing	Testing according to WS-22
eClass (4.1)	37010401
eClass (5.1.4)	37010401
eClass (6.0)	37010401
eClass (6.1)	37010401
eClass (10.1)	37010401
UNSPSC (4.03)	40141607
UNSPSC (10.0)	40141607
UNSPSC (11.0501)	40141607
UNSPSC (13.0601)	40141607
UNSPSC (15.1)	40141607
UNSPSC (17.1001)	40183108

3-Way Switching

Trunnion-style 83 and H83 series ball valves deliver reliable performance in both low- and high-pressure environments. Designed for compactness and maximum flow, they offer low operating torque and a broad temperature range. ECE R110-type approval is available upon request.

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.



© 2026 Swagelok Company. All rights reserved.