Clean Storm 46905SS, 316 Stainless Steel High Pressure Mini Ball Valve, 1/2" MIP x FPT, 1000 PSI, 368Â°F High Temp



Model Number: 46905SS

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Manufacturer: Clean Storm

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Description
The Clean Storm 46905SS Mini Ball Valve is built for high-pressure and high-temperature applications demanding maximum durability and chemical resistance. Constructed entirely from premium 316 stainless steel, this 1/2" MPT x FPT full-port mini ball valve delivers reliable shut-off performance up to 1000 PSI WOG and operates smoothly across extreme temperatures ranging from -36°F to 368°F. Featuring a compact design, robust PTFE seals and seats, and a quick 1/4-turn lever operator, it is ideal for commercial pressure washing, industrial liquid handling, and heavy-duty piping systems.

Features

- 316 Stainless Steel Construction: High-grade 316 SS body, ball, and stem offer superior corrosion resistance and longevity in harsh environments.
- High-Pressure Performance: Rated up to 1000 PSI WOG for demanding water, gas, oil, and chemical transfer applications.
- High-Temperature Tolerance: Designed to perform reliably in extreme fluid temperatures from -36°F up to 368°F.
- Full Port Flow: Unrestricted flow path maximizes output and minimizes pressure drops across the connection.
- Leak-Free Seals: Outfitted with high-durability PTFE seats/seals and a fluoroelastomer O-ring for tight, leak-resistant operation.
- Compact 1/4-Turn Control: Easy quarter-turn handle operation allows rapid shut-off even in tight spaces.

Specifications

Brand	Clean Storm

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Part / SKU Number
46905SS

Nominal Size
1/2 in

Connection Type
MPT x FPT (1/2 Male Pipe x Female Pipe)

Thread Size
1/2 - 14

Body Material
316 Stainless Steel

Ball Material
316 Stainless Steel

Stem Material
316 Stainless Steel

Handle Material
Steel

Trim Material
Fluoroelastomer O-Ring

Seat / Seal Material
PTFE

Pressure Rating
1000 PSI WOG

Temperature Rating

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-36°F to 368°F

Port Type
Full Port

Operator Type
1/4-Turn Butterfly Handle

Overall / Inlet-to-Outlet Length
2.81 in

Top to Inlet Center
1-1/2 in

Cross Reference SKUs

46905SS

CS-46905SS

MBV-12-316SS

1/2-SS-1000PSI-BV

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Availability: This product was added to our catalog on Thursday 20 November, 2025

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