



S39 Micro Forged High Pressure Ball Valves

Part No. [S39BX0M](#)Part No. [S39BZ0M](#)

The S39 NPT is a compact, forged brass ball valve designed for high-pressure applications up to 900 psi. It features a dual sealing system (allows operation in both directions), chrome-plated brass ball, and PTFE seats for maintenance-free operation. Available in 1/8" and 1/4" NPT configurations with a reinforced nylon handle.

Features

- Pressure Rating: 900 psi (60 bar) non-shock cold working pressure
- Temperature Range: -4 to +200 °F [-20 to +90 °C]
- Construction: Hot forged nickel-plated brass body (EN 12165), chrome-plated ball, blowout-proof stem, pure PTFE self-lubricating seats
- Lifetime warranty



See www.AutomationDirect.com for a wide variety of fitting options

RuB S39 Micro Forged High Pressure Valves				
Model	S39AX0M	S39BX0M	S39AZ0M	S39BZ0M
Price	\$5.50	\$6.25	\$5.50	\$6.25
Drawing Link	PDF	PDF	PDF	PDF
Weight (lb)	0.10	0.12	0.10	0.11
Manufacturer Specs	PDF			
Valve Type	2-port (2-way)			
Operator	Wedge handle			
Bidirectional Ports	1/8" FNPT	1/4" FNPT	1/8" MNPT	1/4" MNPT
	1/8" FNPT	1/4" FNPT	1/8" FNPT	1/4" FNPT
Flow (Cv)	1.4	1.4	1.4	1.4
Media	Air; coolant; gas; water			
Wetted Materials	Brass body, chrome plated brass ball, brass stem, Seals: FPM, HNBR, PTFE			
Max. Pressure Range	900 psi			
Temperature	-4 to +200 °F [-20 to +90 °C]			

For additional details see manufacturer's technical specifications.



Control Valves Product Overview

High-Quality Manual Ball Valves for Industrial Applications



S39 Micro Forged High Pressure Valves

The S39 series represents our most robust compact valve solution, engineered specifically for high-pressure pneumatic systems operating up to 900 psi. Built from hot forged brass with a dual sealing system and chrome-plated ball, these maintenance-free valves deliver reliable performance in demanding applications.

S34 Manual Mini Ball Valves

Designed for panel mounting applications where space is at a premium, the S34 series combines compact dimensions with a one-piece drawn brass body for excellent stem guidance. The integrated stem neck design ensures smooth operation while maintaining a 200 psi pressure rating. Available with glass-filled nylon rotary lever or T-handles, these valves offer ergonomic operation and excellent grip in tight spaces, making them particularly suitable for control panels and confined installations requiring frequent operation. Maintenance-free operation from -4 to +200 °F ensures reliable service across a wide temperature range.

S35 Manual Mini Rotary Lever Ball Valves

The patented S35 series represents the next step up in pressure capability, rated to 450 psi while maintaining an extremely compact footprint. The blowout-proof brass stem and reinforced construction make this valve ideal for applications that demand both space efficiency and higher working pressures.

S95 Manual Ball Valves

Built to DIN 3357 standards, the S95 series delivers heavy-duty performance with full port design for maximum flow capacity. With CSA, FM, and UL approvals, pressure ratings up to 600 psi, and an operating range from -40 to +350 °F, the S95 is RuB's workhorse solution for critical industrial applications. Available in standard rotary lever, lockable, and deadman spring return configurations, the series adapts to diverse operational needs. Lockable variants feature a patented handle design that accepts standard padlocks for tamper-proof security in public facilities, utilities, and industrial safety applications. Deadman spring return models incorporate a robust

stainless steel spring mechanism that automatically closes the valve when released, providing essential safety for service stations, trucks, and environments where unattended open valves pose risks or where automatic shut-off is required for regulatory compliance.

S92 Steam-Rated Manual Lever Ball Valves

Specifically engineered for steam service (150 psi non-shock working steam pressure), the S92 series features an adjustable PTFE packing gland design that allows field maintenance and ensures lower torque operation over the valve's service life. Glass-filled PTFE seats withstand the thermal cycling of steam applications while maintaining seal integrity. Suitable for critical steam distribution systems operating up to 366 °F.

S93 Manual Lockable Exhaust Ball Valves

OSHA 1910.147 compliant design featuring both lockout capability and automatic downstream exhaust. When turned to the closed position, these 3-way valves continuously vent downstream pressure through a tapped exhaust port, ensuring safe de-energization of pneumatic equipment. The patented lockable handle only locks in the closed position, allowing authorized maintenance while preventing accidental re-energization. An essential safety valve for compressed air systems.

Puri-T292 Lead Free Ball Valves

Certified for potable water applications under NSF/ANSI 61 and 372 standards, the Puri-T series ensures all wetted surfaces contain less than 0.25% lead as required by U.S. federal law. Hot forged lead-free brass construction meets California AB1953 and similar state regulations while maintaining the durability and performance expected from professional-grade valves. CSA certified for drinking water systems.

RuB Ball Valves Selection Table

Series	Port Sizes	Cold Working Pressure Ratings	Temperature Ratings	Special Features
S39	1/8" to 1/4" NPT	0 to 900 psi	-4 to +200 °F [-20 to +90 °C]	Micro - compact size Available in FxF or MxF
S34	1/8" to 1/2" NPT	0 to 200 psi		Mini ball valve Available in FxF or MxF Lever or T-handle
S35	1/8" to 1/2" NPT	0 to 450 psi	-4 to +200 °F [-20 to +90 °C]	Mini ball valve Blow-out proof brass stem Available in FxF or MxF
S95	1/4" to 2" NPT	0 to 600 psi*	-40 to +350 °F [-40 to +170 °C]	Available as lockable, spring return
S92	1/4" to 2" NPT		-40 to +366 °F [-40 to +185 °C]	Steam rated: 150 psi non-shock steam working pressure
S93	1/4" to 2" NPT	0 to 200 psi	14 to 212 °F [-10 to +100 °C]	Downstream exhaust
T292	1/4" to 1-1/2" NPT	0 to 600 psi	-40 to +350 °F [-40 to +170 °C]	CSA certified to NSF standards for drinking water

*Max pressure varies with application. Please review specifications for details