

Steam Safety Valve

This safety valve is designed for steam, air, gas, and liquid applications. It features a brass body, bonnet, seat, and adjustment rings, along with a zinc-plated carbon steel handle.



Product Overview

High-Performance Steam Safety Valve

These safety valves are expertly designed to ensure operational reliability across steam, air, gas, and liquid applications. Constructed from high-quality brass, they offer exceptional durability and consistent performance in demanding industrial environments. With a maximum working pressure of 1.6MPa and an adaptable temperature range, these valves provide a robust solution for pressure management and system protection.

Technical Specifications

Maximum Working Pressure

1.6 MPa
Max Pressure

230 psi
Max Pressure

Working Temperature

-40 to 120°C

Compatible Media

Steam, Air, Gas, Liquid

Materials

Material Composition

Component	Material
Body, Bonnet, Seat, Adjustment Rings	Brass ASTM C38000
Handle	Zinc-plated carbon steel

Performance Data

Size and Spring Classifications

Size	Nominal Pressure (MPa)	Spring Range (MPa)
1/2"	1.6	0.05-0.3
3/4"	1.6	0.3-0.6
1"	1.6	0.6-0.8
1-1/4"	1.6	0.8-1.0
1-1/2"	1.6	1.0-1.3
2"	1.6	1.3-1.6