

Emergency Shutdown Valve

This emergency shutdown valve is designed to quickly close or exhaust a system in critical situations. It is commonly used in emergency shutdown control circuits to immediately close SSV or SDV actuators and surface-controlled subsurface safety valves.



ADDITIONAL IMAGES



Product Overview

Emergency Shutdown Capabilities

These emergency shutdown valves are precision-engineered for critical safety applications, designed to immediately close or exhaust systems in emergency scenarios. Built with 316 stainless steel, they offer exceptional durability and corrosion resistance for demanding pneumatic or hydraulic environments. With a large Cv factor for rapid system response and an easily repairable design, these valves ensure reliable performance and minimal downtime.

Technical Specifications

Work Pressure	MAX.200 psig(13.8 bar)	Ports Size	1/4 Female NPT
Work Temperature	-40~250°F(-40~120°C)standard valve	Orifice	0.55 in.(14mm)
Wetted Material	316,Buna N standard	Panel Hole	1 in.(25.4 mm)

Ordering code : ESV-SS-FN4-2B-PE-N1

Code	Body Material	Code	Ports	Code	Valve Type	Code	Handle	Code	Valve Type	Code	MR-0175
SS	316 SS	FN4	1/4FNPT	2	2-way	R	Red	PC	Push to close	None	No
		3		3	3-way	B	Black	PE	Push to exhaust	N1	-18~120°C, Yes
						G	Green			N2	-40~120°C, Yes

Other sizes and types available upon request. For special requirements, please contact us.

Technical specifications overview including pressure ratings, temperature ranges, and port dimensions.

Maximum Working Pressure	200 psig
Temperature Range	-40 to 250°F (-40 to 120°C)
Port Size	1/4 Female NPT
Orifice Diameter	0.55 in
Panel Hole Size	1 in

Materials & Construction

Body Material	316 Stainless Steel
Standard Seal Material	Buna N
Compliance	NACE MR-0175

Operational Features

Configuration Options

- 2-way
- 3-way
- Push to exhaust (Normally closed)
- Push to close (Normally opened)

Performance Highlights

200 psig

Max Pressure

14 mm

Orifice