

Quick Exhaust Valve

This quick exhaust valve is designed to rapidly bleed control pressure from an actuator or other device. It is typically used on safety valves, control valves, or other devices that must respond quickly when control signals are removed.



ADDITIONAL IMAGES



Product Overview

High-Performance Quick Exhaust Valve

This quick exhaust valve is precision-engineered to rapidly bleed control pressure from actuators and safety valves, ensuring immediate response when control signals are removed. Constructed from durable 316 stainless steel, it is designed for reliable operation in high-pressure industrial environments. The valve features a large CV factor for fast system response and operates with minimal noise, making it an ideal choice for pneumatic and hydraulic control systems.

Technical Specifications

Working Pressure	MAX. 10000 psig(689 bar)	Inlet Cracking Press.	80 psig(5.5 bar)
Wetted Material	316, X-750 & Buna N standard	Valve Ports	1/2 Female NPT
Work Temperature	-40~250°F (-40~120°C) standard	Size A	2.58 in.(65.5mm)
Size B	2.75 in.(69.8mm)	CV Factor (IN)	1.1 for 689bar, 1.4 for 414 bar
Size H	5.89 in.(144.5mm)	CV Factor (EX)	5.4 for 689bar, 7 for 414 bar

Ordering Code : **QEV-10SS-FN8-H-N1**

Code	Work Press.	Code	Body Material	Code	Valve Ports	Code	Media	Code	MR-0175
D2	200 psig	SS	316SS	FN8	1/2 Female NPT	P	Pneumatic	None	No
D6	6000 psig			FN12	3/4 Female NPT	H	Hydraulic	N1	-18~120°C, Yes
D10	10000 psig							N2	-40~120°C, Yes

6000 psig and 10000 psig just for hydraulic valve. Other sizes and types available upon request. For special requirements, please contact us.

Technical diagram showing port configuration and dimensions.

Flow Capacity (CV Factor)

1.1 CV

CV (IN) at 689 bar

5.4 CV

CV (EX) at 689 bar

Physical Dimensions

Dimension	Value
Size A	65.5 mm
Size B	69.8 mm
Size H	144.5 mm

Key Features

- Rapid pressure bleeding for actuators
- Easy installation and maintenance
- No special tools required for assembly
- Low operating noise

Maximum Allowable Working Pressure	10000 psig
Inlet Cracking Pressure	80 psig
Materials and Standards	316 Stainless Steel, Buna N Seals, X-750, NACE MR-0175 Compliant
Operating Temperature Range	-40 to 120°C