

Pneumatic and Hydraulic Actuated Valve

This valve features a 316 cold-work stainless steel body, offering excellent corrosion resistance and high tensile strength. It is available with pneumatic or hydraulic pilot options and multiple pressure levels.



ADDITIONAL IMAGES



Overview

High-Performance Actuated Valves

These pneumatic and hydraulic actuated valves are engineered for demanding industrial environments, featuring a 316 cold-work stainless steel body for superior corrosion resistance and high tensile strength. Designed for versatility, they support both normally open and normally closed configurations across six distinct pressure levels up to 60,000 psig. The modular design allows for quick removal of the valve from the actuator, ensuring easy maintenance and reduced operational costs.

Technical Performance

Operating Configurations

Normally Open (NO) • Normally Closed (NC) • Air to Open • Air to Close

Available Pressure Levels

6000 psig, 10000 psig, 15000 psig, 20000 psig, 30000 psig, 60000 psig

Standard Working Temperature

-40°F to 250°F (-40 to 120)

Material Specifications

Actuator Materials

- 316 Stainless Steel (IFV Series)
- Aluminium Alloy (NV & NR Series)

Valve Body Material

316 Cold-Work Stainless Steel

Installation & Maintenance

Mounting Options

- Panel Mounting
- Bracket Installation (Integral through-holes)

Maintenance Benefits

- Quick-remove valve design
- Low maintenance costs
- Easy repair access

Actuation System

Pilot Control Types

- Pneumatic Pilot
- Hydraulic Pilot
- Air Pilot

Operating Air Pressure

75 PSI

Min Operating Pressure

100 PSI

Max Operating Pressure

Series Specifications

NV Series Valves

Valve Technical Parameters		Ordering Code						
Work Press.	Size	Ports	Air to Open			Air to Close		
			Straight	Angl	3 way/1on press.	Straight	Angl	3 way/1on press.
15000 psig	1/4"	FN 4	NV15FN4A-1NC	NV15FN4B-1NC	NV15FN4C-1NC	NV15FN4A-1NO	NV15FN4B-1NO	NV15FN4C-1NO
	3/8"	FN 6	NV15FN6A-1NC	NV15FN6B-1NC	NV15FN6C-1NC	NV15FN6A-1NO	NV15FN6B-1NO	NV15FN6C-1NO
	1/2"	FN 8	NV15FN8A-1NC	NV15FN8B-1NC	NV15FN8C-1NC	NV15FN8A-1NO	NV15FN8B-1NO	NV15FN8C-1NO
20000 psig	1/4"	MF 4	NV20MF4A-1NC	NV20MF4B-1NC	NV20MF4C-1NC	NV20MF4A-1NO	NV20MF4B-1NO	NV20MF4C-1NO
	3/8"	MF 6	NV20MF6A-1NC	NV20MF6B-1NC	NV20MF6C-1NC	NV20MF6A-1NO	NV20MF6B-1NO	NV20MF6C-1NO
	9/16"	MF 9	NV20MF9A-1NC	NV20MF9B-1NC	NV20MF9C-1NC	NV20MF9A-1NO	NV20MF9B-1NO	NV20MF9C-1NO
30000 psig	1/4"	HF 4	NV30HF4A-1NC	NV30HF4B-1NC	NV30HF4C-1NC	NV30HF4A-1NO	NV30HF4B-1NO	NV30HF4C-1NO
	3/8"	HF 6	NV30HF6A-1NC	NV30HF6B-1NC	NV30HF6C-1NC	NV30HF6A-1NO	NV30HF6B-1NO	NV30HF6C-1NO
	9/16"	HF 9	NV30HF9A-1NC	NV30HF9B-1NC	NV30HF9C-1NC	NV30HF9A-1NO	NV30HF9B-1NO	NV30HF9C-1NO
60000 psig	1/4"	HF 4	NV60HF4A-1NC	NV60HF4B-1NC	NV60HF4C-1NC	NV60HF4A-1NO	NV60HF4B-1NO	NV60HF4C-1NO
	3/8"	HF 6	NV60HF6A-1NC	NV60HF6B-1NC	NV60HF6C-1NC	NV60HF6A-1NO	NV60HF6B-1NO	NV60HF6C-1NO
	9/16"	HF 9	NV60HF9A-1NC	NV60HF9B-1NC	NV60HF9C-1NC	NV60HF9A-1NO	NV60HF9B-1NO	NV60HF9C-1NO

Detailed technical parameters and ordering codes for NV Series actuated valves, including pressure ratings and port configurations.

NR Series Valves

Valve Technical Parameters		Ordering Code						
Work Press.	Size	Ports	Air to Open			Air to Close		
			Straight	Angl	3 way/1on press.	Straight	Angl	3 way/1on press.
15000 psig	1/4"	FN 4	NR15FN4A-1NC	NR15FN4B-1NC	NR15FN4C-1NC	NR15FN4A-1NO	NR15FN4B-1NO	NR15FN4C-1NO
	3/8"	FN 6	NR15FN6A-1NC	NR15FN6B-1NC	NR15FN6C-1NC	NR15FN6A-1NO	NR15FN6B-1NO	NR15FN6C-1NO
	1/2"	FN 8	NR15FN8A-1NC	NR15FN8B-1NC	NR15FN8C-1NC	NR15FN8A-1NO	NR15FN8B-1NO	NR15FN8C-1NO
20000 psig	1/4"	MF 4	NR20MF4A-1NC	NR20MF4B-1NC	NR20MF4C-1NC	NR20MF4A-1NO	NR20MF4B-1NO	NR20MF4C-1NO
	3/8"	MF 6	NR20MF6A-1NC	NR20MF6B-1NC	NR20MF6C-1NC	NR20MF6A-1NO	NR20MF6B-1NO	NR20MF6C-1NO
	9/16"	MF 9	NR20MF9A-1NC	NR20MF9B-1NC	NR20MF9C-1NC	NR20MF9A-1NO	NR20MF9B-1NO	NR20MF9C-1NO
30000 psig	1/4"	HF 4	NR30HF4A-1NC	NR30HF4B-1NC	NR30HF4C-1NC	NR30HF4A-1NO	NR30HF4B-1NO	NR30HF4C-1NO
	3/8"	HF 6	NR30HF6A-1NC	NR30HF6B-1NC	NR30HF6C-1NC	NR30HF6A-1NO	NR30HF6B-1NO	NR30HF6C-1NO
	9/16"	HF 9	NR30HF9A-1NC	NR30HF9B-1NC	NR30HF9C-1NC	NR30HF9A-1NO	NR30HF9B-1NO	NR30HF9C-1NO
60000 psig	1/4"	HF 4	NR60HF4A-1NC	NR60HF4B-1NC	NR60HF4C-1NC	NR60HF4A-1NO	NR60HF4B-1NO	NR60HF4C-1NO
	3/8"	HF 6	NR60HF6A-1NC	NR60HF6B-1NC	NR60HF6C-1NC	NR60HF6A-1NO	NR60HF6B-1NO	NR60HF6C-1NO
	9/16"	HF 9	NR60HF9A-1NC	NR60HF9B-1NC	NR60HF9C-1NC	NR60HF9A-1NO	NR60HF9B-1NO	NR60HF9C-1NO

Comprehensive specification table for NR Series valves showing available sizes and air-to-open/close options.

NV Series Technical Parameters

Working Pressure (psig)	Connection Sizes	Port Types
15000	1/4", 3/8", 1/2"	FN4, FN6, FN8
20000	1/4", 3/8", 9/16"	MF4, MF6, MF9
30000	1/4", 3/8", 9/16"	HF4, HF6, HF9
60000	1/4", 3/8", 9/16"	HF4, HF6, HF9