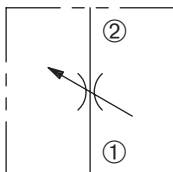


NC-**-S

Adjustable,
Needle Valve

SERIES NC



DESCRIPTION

A non-self-contained cartridge valve designed to provide a variable flow restriction with positive shut-off. Valve sizes range from 1/8" to 3/4". Available sizes; SAE 4, SAE 6 and NPTF sizes from 1/8" to 3/4".

OPERATION

The NC series of valves vary flow restriction by adjusting needle in or out and will shut off when fully closed. These valves will meter flow in either direction.

FEATURES and BENEFITS

- Aluminum knob.
- Full range of adjustments.
- Adjustment may be locked in place.
- Positive shut-off.
- Compact size.

SPECIFICATIONS

Operating Pressure: 3000 PSI (207 Bar)

Flow: See FLOW CHARACTERISTICS chart.

Temperature: -15°F to +400°F (-26°C to +204°C)

Recommended Filtration: ISO 20/18/14

Fluids: Mineral-based fluids. For other fluid compatibility, consult factory.

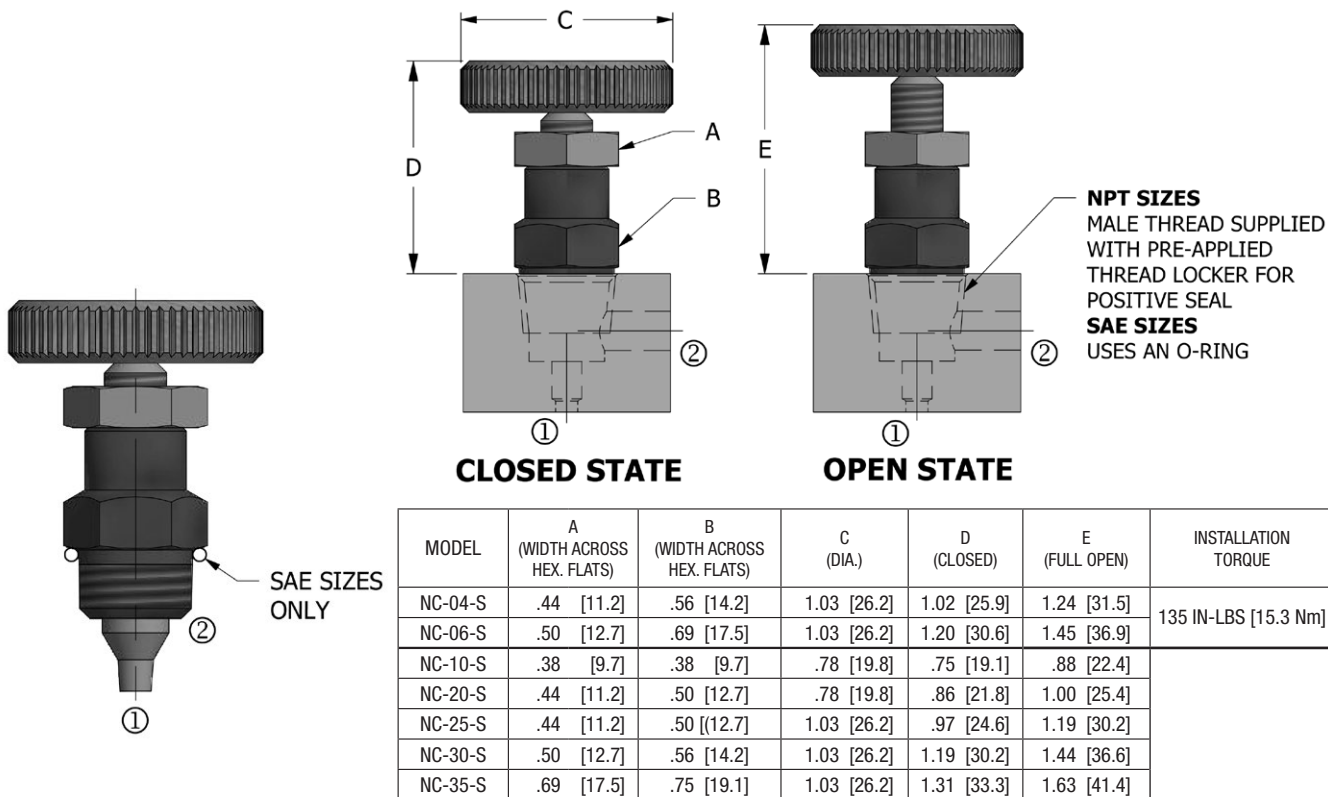
Cavities/Cavity Tools: NC**, see page 11.21.1



FLOW CHARACTERISTICS

MODEL	FLOW MAX. RECOMMENDED gpm (lpm)	CV FLOW FACTOR (FULL OPEN)
NC-04-S	13.5 (51.1)	.78
NC-06-S	22.5 (85.2)	1.24
NC-10-S	3.2 (12.1)	.19
NC-20-S	7.0 (26.5)	.43
NC-25-S	13.5 (51.1)	.78
NC-30-S	22.5 (85.2)	1.24
NC-35-S	34.0 (128.7)	1.78

DIMENSIONS Inches [Millimeters]



HOW TO ORDER

NC - ****** - **S**
Needle Valve Size Carbon Steel

Size		Flow - Maximum	Cavity	Seals	Seal Kit (external)
04	SAE 4	13.5 gpm (51.1 lpm)	NC4T	Viton	(1) 10031-20
06	SAE 6	22.5 gpm (85.2 lpm)	NC6T	Buna N	(1) 10031-22
10	1/8" NPT	3.2 gpm (12.1 lpm)	NC10	Viton (internal)	Thread Locker
20	1/4" NPT	7.0 gpm (26.5 lpm)	NC20		
25	3/8" NPT	13.5 gpm (51.1 lpm)	NC25		
30	1/2" NPT	22.5 gpm (85.2 lpm)	NC30		
35	3/4" NPT	34.0 gpm (128.7 lpm)	NC35		

All variations may not be configurable. Minimum order quantities may be required on other models. Contact Deltrol Fluid Products for complete details.

PNEUTROL INTERNATIONAL LIMITED

UK OFFICE
5 CAULSIDE DRIVE, ANTRIM, NORTHERN IRELAND, BT41 2DU
TEL: +44 (0) 28 9448 1800, www.pneutrol.com/industrialspares/

sales@pneutrol.com

EUROPEAN OFFICE

UNIT 6, SAINT ANTHONY'S BUSINESS PARK, DUBLIN, IRELAND, D22 VW95
TEL: +353 (0) 1 4373653, www.pneutrol.com/industrialspares/

SOLENOID

CHECK

MOTION
CONTROL

FLOW
CONTROL

RELIEF

PRESSURE
CONTROL

SEQUENCE

SHUTTLE

DIRECTIONAL
VALVES

HAND PUMPS

TECHNICAL
DATA