



| American Engineering Trusted Worldwide®

DATA SHEET

1481-5-NO

01/20/2026

Product Category

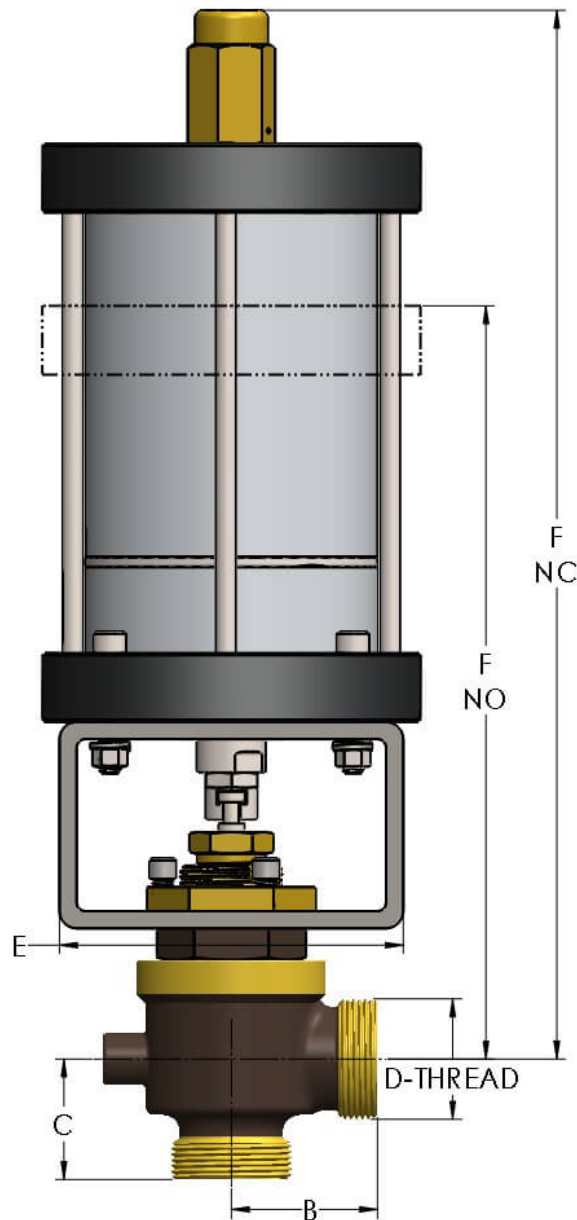
Product Line

Part Description

1481-5-NO

FloMaster® Actuated O-SEAL® Needle Valve (1400 Series)

1.00" Angle Needle Actuated Valve, O-SEAL® Ends, Normally Open



DIMENSIONS

Port Dia.	0.81
B	2.63
C	2.75
CRN	0C17716.2
D-THREAD	2.313"-12UNS
E	8.00
F (Normally Open)	14.25

GENERAL

Pressure Rating	6000 PSI
Temperature Range	-15°F to 400°F (-26°C to 204°C)
Standard Soft Goods	[-G] Polyurethane® Packing and Viton® O-Rings
Cartridge Type	Needle
Connection Type	O-SEAL® Union Thread
Connection Size	1.00"
Body Material	Nickel Aluminum Bronze, ASTM B148, UNS C95800
Bonnet Material	Nickel Aluminum Bronze, ASTM B148/B150, UNS C95800/C63200
CRN	0C17716.2

OPTIONS

[-VC] Vacuum Service	Option to add additional softgoods for internal vacuum service.
Port & Vent Options	[-PA] Port Above Seat (1/4" NPT), [-PB] Port Below Seat (1/4" NPT), '[-VA] Vent Above Seat (1/2"-13 SAE), [-VB] Vent Below Seat (1/2"-13 SAE),
Optional Soft Goods	[-B] Polyurethane® Packing and Buna-N O-Rings, [-C] Viton® Packing & O-Rings, [-D] EPDM Packing & O-Rings

cpvmfg.com | 484.731.4010

The complete catalog contents must be reviewed to ensure that the system designer and user make a safe product selection. When selecting products, the total system design must be considered to ensure safe, trouble-free performance. Function, material compatibility, adequate ratings, proper installation, operation, and maintenance are the responsibilities of the system designer and user. Caution: Do not mix or interchange valve components with those of other manufacturers.