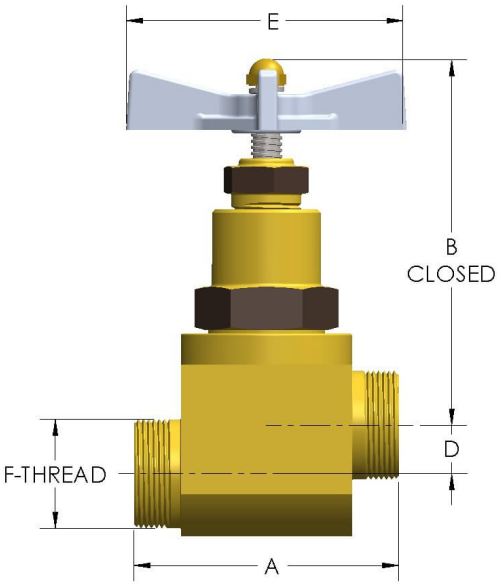
Product Category	482-5
Product Line	O-SEAL® Needle Valves (400 Series)
Part Description	1.00" Offset Needle Valve with O-SEAL® Ends



DIMENSIONS

Port Dia.	0.81
A	5.250
B	7.00
D	1.250
E	7.25
F-THREAD	2.313"-12UNS
Lift	0.59

GENERAL

Pressure Rating	6000 PSI
Temperature Range	-15°F to 275°F (-26°C to 135°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

OPTIONS

[-VC] Vacuum Service	Option to add additional softgoods for internal vacuum service.
[-P] Panel Mount	Option to add external thread and panel mounting nut to bonnet
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

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.