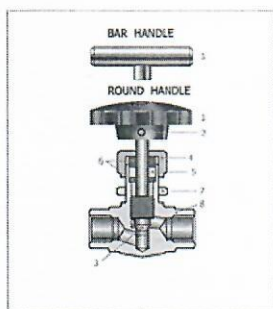


[Printable Page](#)[Download PDF](#)

Forged body, Pressure Rating up to 5000 psig (345 bar)

Integral Bonnet Needle Valves FOR REGULATING and SHUT-OFF

[VIEW CA](#)[2D F](#)[2D Sale](#)[DOWI](#)[V15 Ser](#)

[Specifications](#) | [Dimensions](#) | [Design](#) | [Operation](#) | [Factory Test](#) | [Safe Valve Selection](#)

Specifications

Series	6.4 mm Orifice
End Connections	DK-Lok
Size Inlet x Outlet	3/8" Dk-Lok x 3/8" Dk-Lok
Valve Pattern	Inline
Stem Packing Material	Standard PTFE
Stem	Standard Vee Stem Tip
Handle	Nylon Round Handle
Body Material	Stainless Steel 316

Dimensions

A	71.0 mm
B	33.0 mm
Cv	0.73
D	13.5 mm
E	14.5 mm
H	50.0 mm
H1	64.0 mm

L	66.0 mm
L1	33.2 mm
L2	33.2 mm
Orifice	6.4 mm

Design

- Designed for a wide range of general purpose in gas and liquid applications
- Forged Body with Inline and Angle pattern
- Integral Bonnet design to eliminate inadvertent stem back-out
- Standard metal seal for pressure tightness at elevated temperatures
- Standard PTFE packing, and optional PEEK packing for higher temperature service
- Packing nut allows external packing adjustment to ensure leak-free packing on stem
- Broad choices of end connections include reliable DK-LOK, NPT & ISO Male & Female pipe threads

Operation

- Pressure rating up to 5000 psig (345 bar) at 100°F (38°C)
- Temperature rating up to 450°F (232°C) with standard PTFE packing; up to 600°F (315°C) with optional PEEK packing
- Panel mounting without packing disruption
- Standard SS316 and Brass material valve construction
- DK-LOK Gap gauge allows easy inspection for sufficient tube pull-up before a system is pressurized
- Valves for Sour Gas Service meeting the requirements of NACE MR0175 are available

Factory Test

Every valve is tested with the nitrogen at 1000 psig (68 bar) for leakage at the seat to a maximum allowable leak rate of 0.1 SCCM. The packing is tested for no detectable leakage.

Safe Valve Selection

The selection of a valve for any application or system design must be considered to ensure safe performance. Valve function, valve rating, material compatibility, proper installation, operation and maintenance remain the sole responsibility of the system designer and the user. Dk Tech accepts no liability for any improper selection, installation, operation or maintenance.