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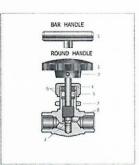
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Forged body, Pressure Rating up to 5000 psig (345 bar)

Integral Bonnet Needle Valves FOR REGULATING and SHUT-OFF

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 Standard PTFE **Stem Packing Material** Standard Vee Stem Tip Stem Nylon Round Handle Handle Stainless Steel 316 **Body Material** 

Α	71.0 mm	
В	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.

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