

## MVL METERING VALVES

### MVL SERIES FEATURES

- Forged-body 316 St.St. or Brass Construction
- Straight and Angle Patterns
- Panel Mounting
- MAWP 2000 psig - (135 bar)
- MAWT 400°F (204°C)
- Flow coefficients (Cv) from 0.004 to 0.15
- Round & Slotted Handles with Screwdriver Slots
- LOK-FIT Ends, Male & Female NPT, LOK-FIT Face Seal Bead End Connections
- 1°, 3° and 5° Stem Taper for required flow control
- Stem with Stopper Shoulder - long lifetime

MVL - MATERIALS				
Item No.	Components	Qty.	Valve Body Material	
			316 St.St.	Brass
1	Handle Set Screw	1	18-8 Stainless Steel	
2	Flow Fixing Screw	1	18-8 Stainless Steel	
3	Handle	1	St.St. ASTM A-276	Brass ASTM B-16
4	Panel Nut	1	St.St. ASTM A-276	Brass ASTM B-16
5	Safety Bonnet Sleeve	1	St.St. ASTM A-276	Brass ASTM B-16
6	Bonnet	1	St.St. ASTM A-276	Brass ASTM B-16
7	Stem	1	St.St. 174PH/A564	
8	Stem Ring	1	Glass-filled TFE	
9	O-ring	1	Viton® (fluorocarbon)	
10	Guide Ring	1	Glass-filled TFE	
11	Orifice	1	St.St. ASTM A-276	Brass ASTM B-16
12	Body	1	St.St. ASTM A-276	Brass ASTM B-16
13	Front Ferrule	2	St.St. ASTM A-276	Brass ASTM B-16
14	Back Ferrule	2	St.St. ASTM A-276	Brass ASTM B-16
15	Nut	2	St.St. ASTM A-276	Brass ASTM B-16

### GENERAL

The MVL Series is a moderate-pressure instrumentation flow-regulating needle valve. It is generally used for instrumentation panels, sampling systems and accurate applications.

The valves are compact in size and structure and offer reliably low and moderate flow regulation with long service life. The MVL Series is rated to max. 2000 psig (340 bar).

### MVL SERIES STRAIGHT VALVE

