

## SG5400 Series

### Miniature, Forged Metering Valves

These metering valves are used to control gas flow in a wide variety of applications such as instrument air lines, control panels and gas chromatography. They are available with either brass or Type 316 Stainless Steel bodies and have PTFE packing.

#### Specifications

Maximum Operating Pressure: 3000 psig  
 Operating Temperature Range:  
 -65°F to 165°F  
 Flow Coefficient:  $C_v = 0.35$   
 Inlet and Outlet Connections: See Table I  
 Approximate Weight: 5 oz

#### Materials of Construction

Body: See Table I  
 Handle: Black Phenolic  
 Stem:  
 Brass Valves: Brass or Stainless Steel  
 Stn. Stl. Valves: Type 316 Stainless Steel  
 Packing: PTFE

Table I

Inlet and Outlet Connections	Pattern	Part Number	
		Brass Body	Type 316 Stn. Stl. Body
1/8" NPT male	Angle	SG5402	—
1/4" NPT male	Straight	—	SG5424
1/4" NPT male	Angle	SG5434	SG5425
1/4" compression	Straight	SG5407	SG5427

Miniature Forged Metering Valve Angle Pattern



Miniature Forged Metering Valve Straight Pattern

## AG5400 Series

### Ball Seat, Forged Metering Valves

These economical valves are used to control gas flow in a wide variety of applications such as instrument air lines, control panels and gas chromatography. They are constructed of brass forged bodies, PTFE packing and stainless steel stems with hardened steel ball seats to provide efficient and durable performance.

#### Specifications

Maximum Operating Pressure: 3000 psig  
 Operating Temp. Range: -65°F to 165°F  
 Flow Coefficient:  $C_v = 0.37$   
 Inlet and Outlet Connections: See Table I  
 Approximate Weight: 5 oz

#### Materials of Construction

Body: Brass  
 Stem: Type 316 Stainless Steel  
 Packing: PTFE  
 Handle: Black Phenolic

Table I

Part No.	Inlet and Outlet Connections
AG5400	1/8" NPT male
AG5404	1/4" NPT male



Ball Seat Forged Metering Valve