

## 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 Teflon® 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: Teflon®

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, Teflon® 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: Teflon®  
 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