

GAUGE VALVES

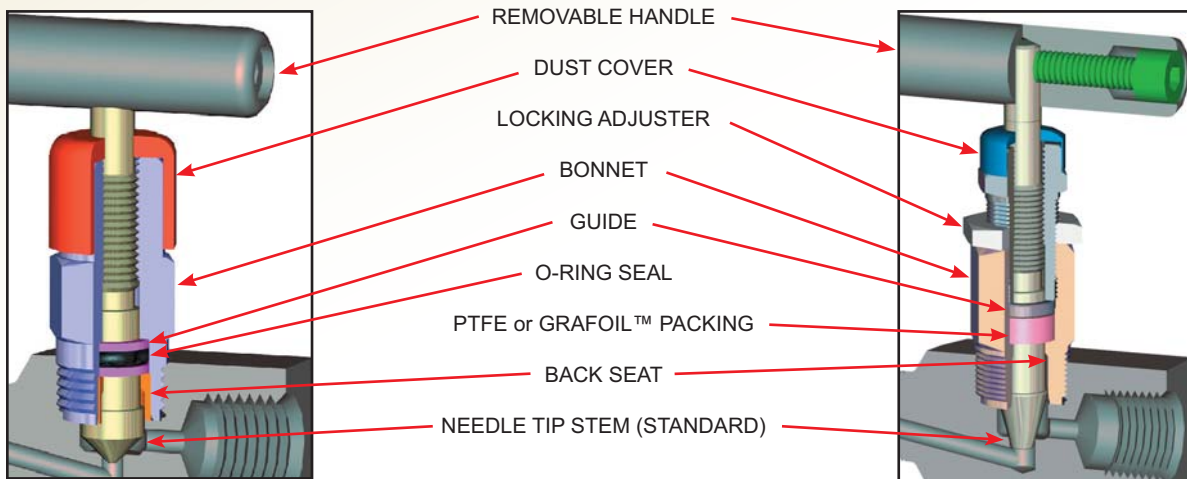
Versatility in Design

Phoenix Precision Gauge valves offer several key features that reflect on their versatility, reliability and safety, including:

- ▶ Solid Barstock construction
- ▶ Backseating on all bonnet styles
- ▶ All bonnet-to-body seals are below the threads to prevent corrosion and contamination
- ▶ Extended length option for insulation
- ▶ Several bonnet and packing styles to meet requirements
- ▶ All valves 100% hydrostatically tested as per ASME B31.3-2004
- ▶ Single point NPT threads eliminate tap lines
- ▶ Extended length bodies available



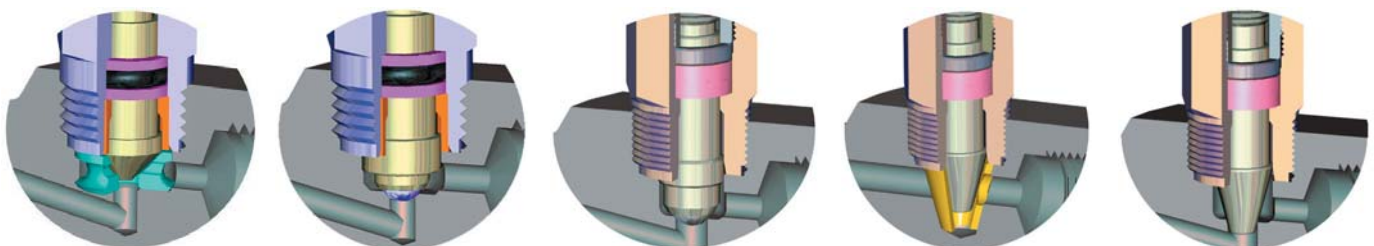
BONNET AND STEM DETAILS: Includes a full line of packing and tip options



O-RING BONNET ASSEMBLY

PACKED BONNET ASSEMBLY

OPTIONAL STEM AND SEAT CONFIGURATIONS:



Mini Soft Seat

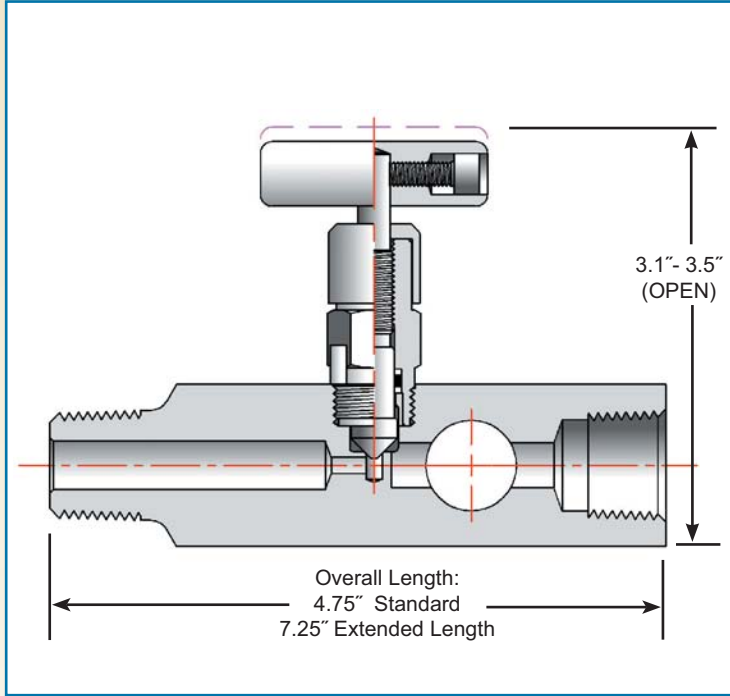
Mini Ball Tip

Standard Ball Stem

Roddable Soft Seat

Non-Rotating

GAUGE VALVES



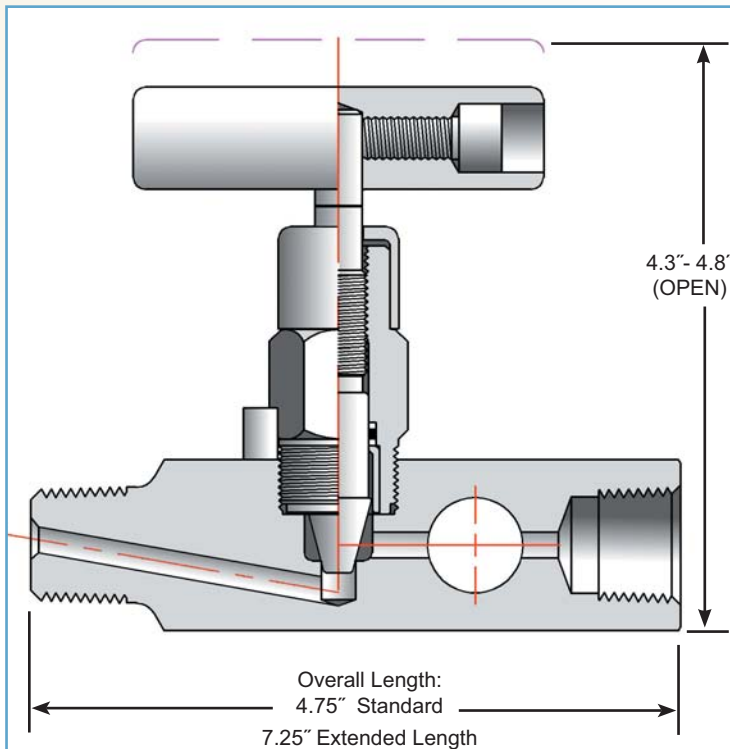
6M™ Series

Economical Globe Pattern Mini Bonnet

Specifications:

Type: Mini-valve, Globe Pattern
 Rating: Max. 6000 psi @ 100°F (41370 kPa @ 38°C)
 Stem: Needle or Ball tip
 Packing: O-ring or Adjustable
 Seat: Metal
 Handle: Removable
 Bore Size: 1/8"
 Inlet Connection: 3/8" to 3/4" NPT or SW
 Outlet Connection: 1/2" NPT or SW
 Gauge Ports: 1/2" FNPT
 Bonnet Lock: Pin or Bracket
 Body Stock: 1.25" sq
 Weight: 1.5 - 1.7 lbs (Stand) 2.4 - 2.6 lbs (Ext)
 Special Service: H₂S or O₂ available*

* Other specifications or services may be available.



10H™ Series

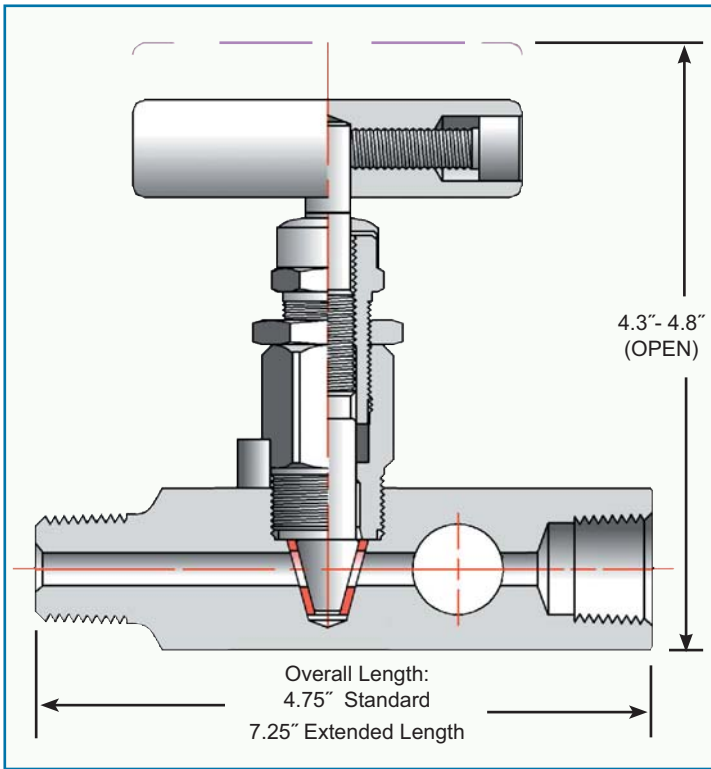
Rugged Globe Pattern Gauge Valve

Specifications:

Type: Standard, Globe Pattern
 Rating: Max. 10000 psi @ 100°F (68950 kPa @ 38°C)*
 Stem: Needle tip, Ball tip, or Non-rotating
 Packing: O-Ring or Adjustable
 Seat: Metal
 Handle: Removable
 Bore Size: 3/16"
 Inlet Connection: 3/8" to 1" NPT or SW
 Outlet Connection: 1/2"
 Gauge Ports: 1/2" FNPT
 Bonnet Lock: Pin or Bracket
 Body Stock: 1.25" sq to 1.75" sq
 Weight: 2.1 - 4.0 lbs (Stand) 3.0 - 5.8 lbs (Ext)
 Special Service: H₂S or O₂ available**

* Grafoil rated to 6000 psi

** Other specifications or services may be available. Please contact Phoenix for your specific requirements.

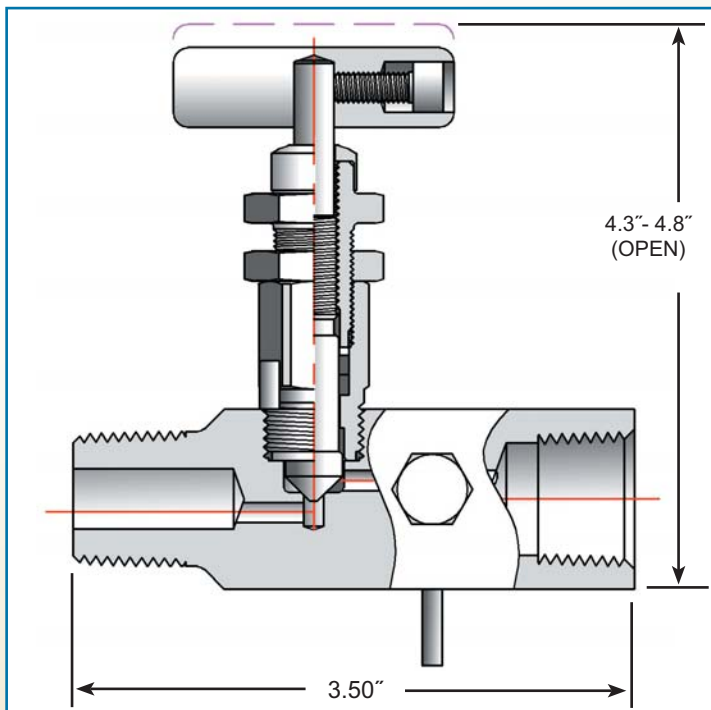


6S™ Series
Soft seated Roddable Gauge Valve,
1/4" Bore

Specifications:

Type: Standard, Roddable
 Rating: Max. 6000 psi @ 100°F (41370 kPa @ 38°C)
 Stem: Needle tip or Non-rotating
 Packing; O-Ring or Adjustable
 Seat: Replacable Delrin or Peek
 Handle: Removable
 Bore Size: 1/4"
 Inlet Connection: 3/8" to 1" NPT or SW
 Outlet Connection: 1/2"
 Gauge Ports: 1/2" FNPT
 Bonnet Lock: Pin or Bracket
 Body Stock: 1.25" sq
 Weight: 2.1 - 2.2 lbs (Stand) 3.0 - 3.1 lbs (Ext)
 Special Service: H₂S or O₂ available*

* Other specifications or services may be available. Please contact Phoenix for your specific requirements.



6MB™ Series
Mini Block Valve with Integral Bleed

Specifications:

Type: Block and Bleed, Globe Pattern
 Rating: Max. 6000 psi @ 100°F (41370 kPa @ 38°C)
 Stem: Needle tip or Ball tip
 Packing; O-Ring or Adjustable
 Seat: Metal
 Handle: Removable
 Bore Size: 1/8"
 Inlet Connection: 3/8" to 1" NPT or SW
 Outlet Connection: 1/2"
 Gauge Ports: 1/2" FNPT
 Bonnet Lock: Pin or Bracket
 Body Stock: 1.25" sq
 Weight: 2.1 - 2.2 lbs
 Special Service: H₂S or O₂ available*

* Other specifications or services may be available. Please contact Phoenix for your specific requirements.



Plug Style Bleed Valve

PB8M*

Economical Bleed Accessory

Specifications:

Type: 1/2 NPT bleed
Rating: 6000 psi @ 100°F (41370 kPa @ 38°C)
Stem: Needle
Seat: Integral
Handle: Removable
Connections: 1/2" NPT
Hex Size : 3/4"
Weight: .31 lbs
O/A Length: 2" Open installed
* Add SS for A182 316SS, CS for A108 CS



Standard 1/2" Plug

PP8M*

Specifications:

Type: NPT plug
Rating: 10000 psi @ 100°F (68950 kPa @ 38°C)
Hex Size : 3/4"
Weight: .15 lbs
Length: 1"

* Add SS for A182 316SS, CS for A108 CS

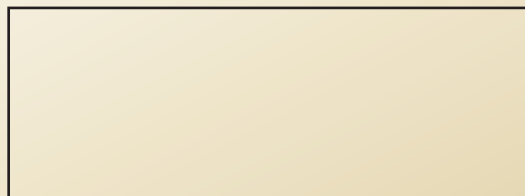
ORDERING DETAILS: Use chart below to determine model designations:

TYPE	CONNECTION	INLET	OUTLET*	MATERIAL	PACKING	SEAT	STEM TIP	***
PG6M	4 = 1/4"	M = Male NPT	F = Female NPT	SS = ASTM A182 Gr 316/316L	A = Aflas	Integral (Standard)	Needle tip (Standard)	
PG10H	6 = 3/8"	F = Female NPT	M = Male NPT	SC = ASTM A105	V = FKM **	D = Delrin™	NR = Non-Rotating	
PG6S	8 = 1/2"	MS = Male Socketweld	MS = Male Socketweld	CS = ASTM A108	T = PTFE	P = Peek™	B = Ball tip	
PB6M	12 = 3/4"	FS = Female Socketweld	FS = Female Socketweld		G = Grafoil™			
EXAMPLE: PG6S8MFCSVD = 1/2" MNPT inlet, 1/2" FNPT outlet, A108 CS, FKM Packing, Delrin™ Seat, Needle-tip stem								
PG6S	8	M	F	CS	V	D		***
* If inlet and outlet are different, outlet connection must also be specified before outlet type (eg: - 12M8F for 3/4" male x 1/2" female).								
** V1238-95 for 316SS and A105CS bodies. Standard FKM is for A108CS								
*** FOR SPECIAL DESIGNATION - SEE PHOENIX SALES REPRESENTATIVE FOR DETAILS								

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