

Main Specifications

▼ Pressure gauge connection

Size: 1/4" , 3/8" , 1/2"

Spec.: NPT, PT

Other thread spec. are available made-to-order

▼ Outlet pressure range

150 psig (10 bar)

100 psig (7 bar)

50 psig (3.5bar)

▼ Max. inlet pressure

400 psig (28 bar)

▼ Operating temperature

-10°C to 60°C

▼ Accessories (Option)

Installation rack

Other Specifications

▼ Body

SS316L

▼ Measuring elements

Diaphragm & spring

Please refer to component material table

▼ Bonnet

SS316L

▼ Stem

Copper alloy

▼ Seat

PFA

▼ Poppet

SS316L

▼ Flow capacity

400 psig / 27.6 bar

Gas inlet: Cv = 0.2

▼ Max. pressure resistance

150% of rated pressure

▼ Other requests (Option)

Third party notarized

documents

Inspection report

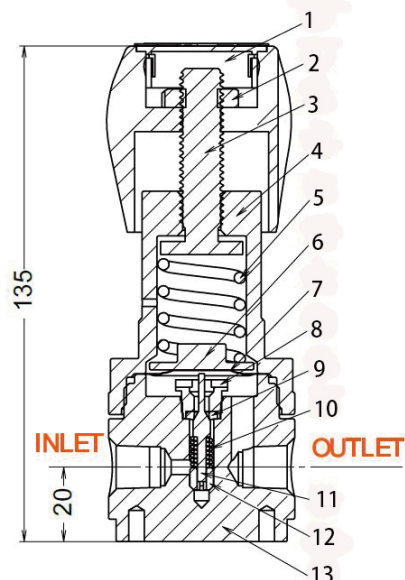
Tag

Inlet gauge port at 90°

Outlet gauge port at 90°

Outlet gauge port at 80°

Component – Material table



No.	Component	Material
1	Knob handle	Nylon
2	Stem nut	SS304
3	Stem	Copper alloy
4	Bonnet	SS316L
5	Range spring	SS316L
6	Stop plate	SS316L
7	Diaphragm	Stainless steel
8	Seat retainer	SS316
9	Seat	PFA
10	Spring	SS316L
11	Poppet	SS316L
12	Poppet damper	PFA
13	Body	SS316L

Pressure Reducing Valve

Model: PRRA-LY

Introduction

PRRA-LY series pressure reducing valve is suitable for regulating gas pressure.

This product has been precisely calculated, measured and processed to precisely adjust the pressure and has a long service life. The sensing system also has a smooth adjustment process and high stability.

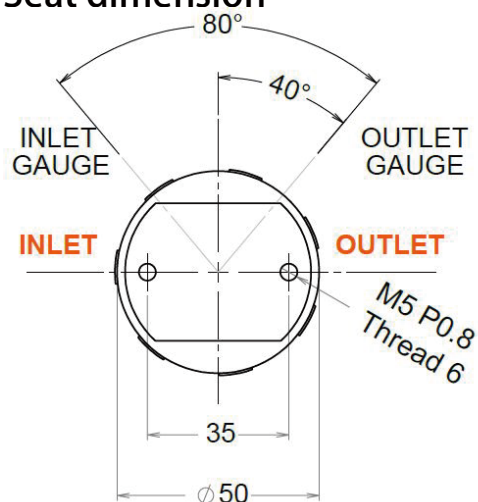


Due to the variety of customization, the picture is only for reference, please confirm the actual item with our sales. (If there is any change on specification, please take the latest version as standard.)

Features

- OEM service
- Lightweight structural design, suitable for general pressure regulation requirements
- Adopts stainless steel diaphragm as pressure measuring elements, which has long service life and good sensitivity
- Adopts SS316L as body material, which is easy to maintain and good corrosion resistance
- Adjust and control pressure by spring
- Installation rack is optional for easier installation

Seat dimension



Structure description

KNOB HANDLE ADJUSTMENT
(1) Knob Stop Design Prevents the Stork Of The Diaphragm

VENT
The Vent Design Is To Ensure The Regulator System Works Normally

PANEL MOUNTING
Panel Mounting Is An Option

BODY DESIGN
Two Pieces Body Design Is For Easy Maintenance

BODY MATERIAL
Stainless Steel 316L For Better Corrosion Resistance And Wide Application

STEM
Stem Threads With Close Tolerance Provide Better Adjustability

SPRING
Based On Professional Calculation And Repeated Testing, The Spring Is Designed For Applying In A Wide Range Of Flow Rates

DIAPHRAGM
Metal To Metal Design Is Convuluted Diaphragm Provide Longer Life And Better Sensitivity

STOP PLATE
Distributes Forces Evenly And Increase The Cycle Life

SEAT
PFA Material :PFA Offers High Melt Strangth ,Stability At High Processing Temperatures,Excellent Crack And Stress Resistance,A Low Coefficient Of Friction,And Longer Life

POPPET DAMPER
The Poppet Is Designed For Stable Pressure Regulating

BOTTOM MOUNTING
Provides Easy Installation

How to order

PRRA-LY		Pressure Reducing Valve		
		Code	Inlet / Outlet pressure gauge connection size	
		2	1/4"	
		3	3/8"	
		4	1/2"	
		Code	Inlet / Outlet pressure gauge connection spec.	
		N	NPT	
		P	PT	
		Code	Outlet pressure range	
		A	0...150 psig (10 bar)	
		B	0...100 psig (7 bar)	
		C	0...50 psig (3.5 bar)	
PRRA-LY	2	N	A	Order example: PRRA-LY-2-N-A