



PANAM
ENGINEERING
BEYOND
LIMITS

Pressure Regulators

Maximum Working Pressure upto
6000 psi (414 bar)



+91 22 4146 9000

sales@panam.in

www.panam.in

Rev/03/2022

Pressure Regulator - Applications & Features

PANAM Piston sensed pressure regulator is available in Brass or 316 Stainless Steel construction with outlet pressures up to 2500 psig / 172 bar.

Features and Benefits

- Economical • Compact design • Piston sensed design is safe and reliable • Adjustable stop limits maximum outlet pressure • Choice of Stainless Steel or Brass construction • Venting model is available • Available with a variety of porting and material options.

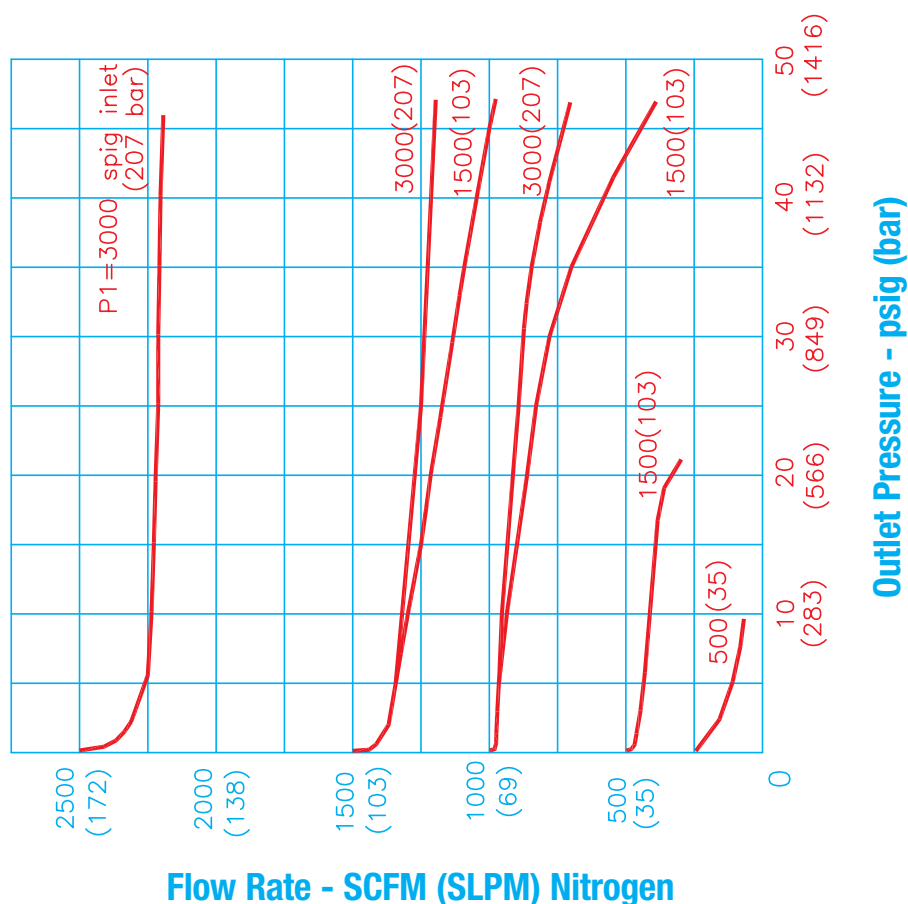
Applications

- General purpose test stands • Industrial equipment.

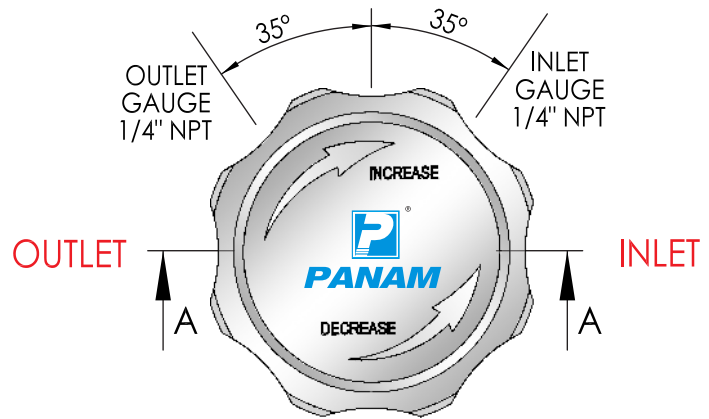
Operating Parameters (Pressure rating per criteria of ANSI / ASME B31.3)

Maximum Inlet Pressure	6000 psig / 414 bar
Outlet Pressure Range	0-2500 psig / 0-172 bar
Design Proof Pressure	150% Maximum Rated
Leakage	Bubble-Tight
Ambient Operating & Fluid Media Temperature	-15°F / -26°C to 74°C
Flow Capacity	Non-Venting: Cv = 0.06
	Venting: Cv = 0.15
Maximum Operating Torque	25 in-ibs / 2.8 N.m
End Connections	1/4" NPTF / BSPPF

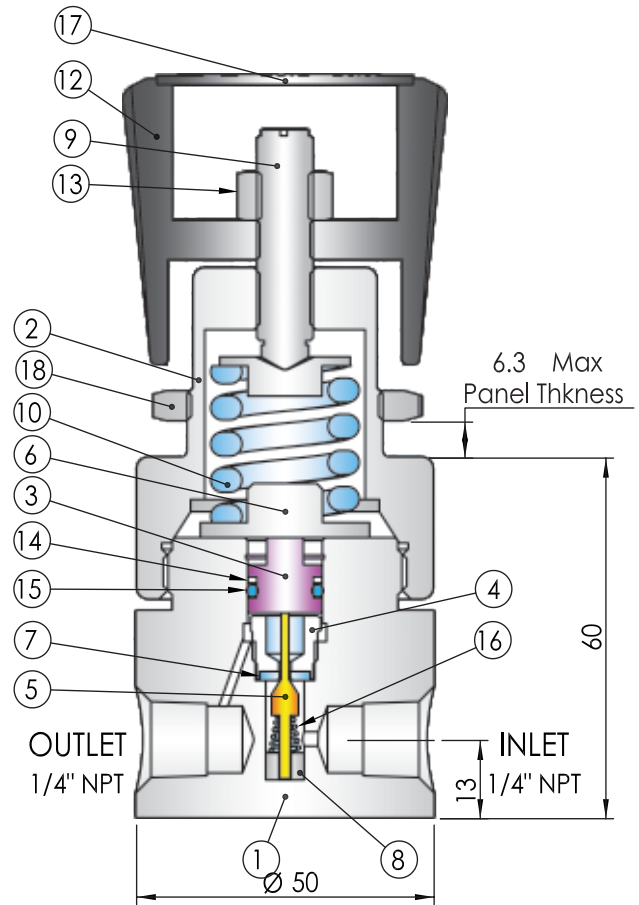
Pressure Regulator Flow Chart



Material of Construction



Sr. No.	Part Name	Qty.	Material
1	Body	1	SS 316 / Brass
2	Top	1	SS 316 / Brass
3	Pusher	1	SS 316 / Brass
4	Gland	1	SS 316
5	Puppet	1	Monel
6	Bush	1	SS 316 / Brass
7	Seat	1	PCTFE / PEEK
8	Guide	1	SS 316 / Brass
9	Spindle	1	SS 316 / Brass
10	Main Spring	1	Spring Steel
11	Spring Guide	1	SS 316 / Brass
12	Handle	1	Aluminium
13	Hex Nut	1	SS 316 / Brass
14	Backup Ring	1	PTFE
15	O-ring	1	Viton
16	Sub Spring	1	Spring Steel
17	Cap	1	Plastic
18	Panel Nut	1	SS 316 / Brass





PANAM ENGINEERS LTD.

501, Jaisingh Business Center, Parsiwada, Sahar Road, Andheri (East),
Mumbai - 400 099. BHARAT • Tel.: +91 22 4146 9000 / 4146 9001 / 4146 9002 / 4146 9003 / 4146 9004.

Email: sales@panam.in / sales@panamengineers.com

Website: www.panam.in / www.panamengineers.com