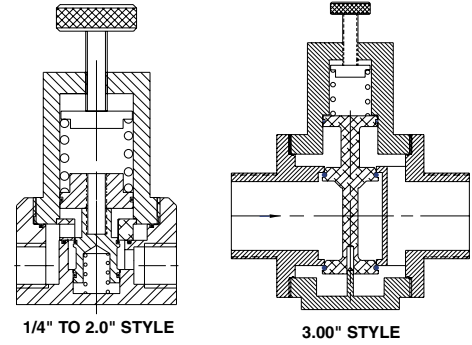


RNF Series

No Lube Pressure Regulator

- Material:** PVC, PP, PVDF, TEFLON
Size: 1/4" - 3"
Pressure Rating: 150 psi
Seals: EPDM, VITON
Connections: IPS Socket (PVC & CPVC only)
 Metric Socket (PP & PVDF only)
 NPT Threaded
 ANSI 150 Flanged
 Metric Butt Fusion (PP & PVDF only)



ISO 9002 CERTIFIED

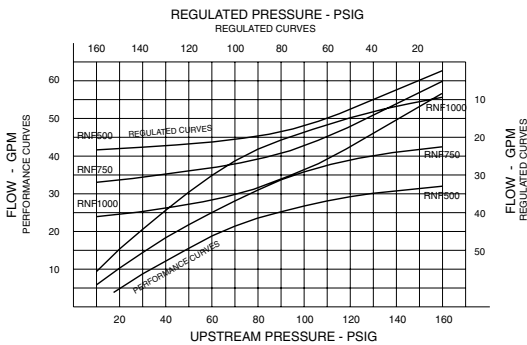
Engineering Guide Specification

Materials of Construction:

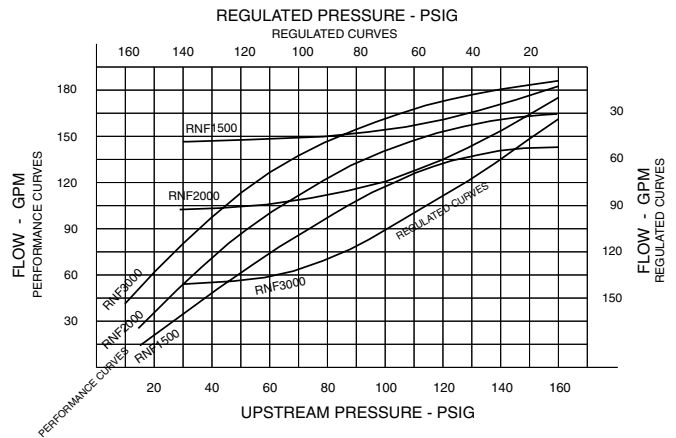
- PVC:** Class 12454B per ASTM D1784
PP: Class PP 110B76383 per ASTM D4101
PVDF: Type 1 per ASTM D3222
Teflon
Seals: EPDM, VITON

Guide Specification: The SIMTECH RNL series No Lube Fluid Pressure Regulator is designed to protect piping systems and equipment from pressure changes. The adjustable screw and lock nut makes it easy to convert varying upstream pressure into accurate pre-set downstream pressure. Outlet pressure should be adjusted in a closed loop system within a range of 15-100 PSI. Top entry and parallel inlet and outlet ports to facilitate installation and avoid piping problems. This patented pressure reducing valve is designed to keep the stainless steel spring totally isolated from the fluid chamber insuring no metal contact with the fluid, as manufactured by SIMTECH.

Pressure/Temperature Graph: Working PSI/Fahrenheit



The performance curves are showing the flow rate of RNF when its piston seal is fully open.
 The regulated curves showing the flow rate of RNF at the points of pre-set downstream pressure.



Dimensional Data

d Inches	A	B	C	Cv	Ports
1/4	2.00	3.12	.500	.580	FNTP
1/2	3 (2.9)	4.2(4.1)	.7(.7)	2.35	FNTP
3/4	3.5(3.33)	4.9(4.9)	.9(.7)	2.72	FNTP
1	4 (3.9)	5.4(5.6)	1.1(.9)	3.48	FNTP
1 1/2	5.00	8.0	1.50	15.8*	MPT
2	6.00	9.0	1.70	21.1*	MPT
3	9.7	10.9	3.8	31.7*	MPT

() MOLDED BODY DIM. UNIT = INCHES

(*) Cv value @ 150 GPM

