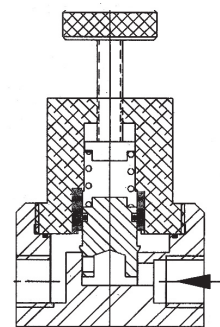


NLR Series

No Lube Pressure Relief Valve

Material: PVC, PP, PVDF, Teflon
Size: 1/4" - 4"
Pressure Rating: 150 psi
Seals: EPDM, VITON, KALREZ
Connections: Female Threaded (1/4" - 1")
 Male Threaded (1 1/2" - 2")



ISO 9002 CERTIFIED

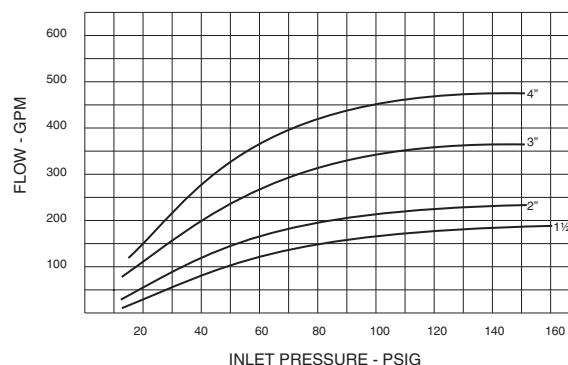
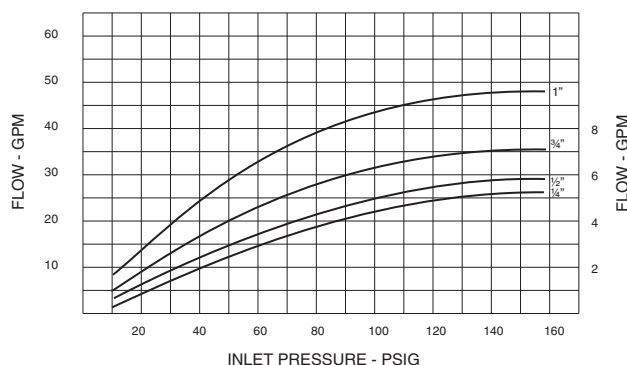
Engineering Guide Specification

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, KALREZ

Guide Specification: The SIMTECH NLR Series no lube pressure relief valve is a 2-port valve, ideal for high purity applications where lubricants are not permitted, to relieve excess pressure that may occur in the line or system. Adjust the threaded stem to obtain selected line or tank relief pressure. An outlet (tee) may be required on the inlet side of the valve. The valve starts to open as line pressure approaches set pressure between 10-80 P.S.I. The 1/4" valve is also available with a relief range of 60-125 P.S.I. It's designed so there is no metal contact with the fluid and top entry makes in-line maintenance easy. Suitable for harsh chemicals. Ideal for DI water and other high purity applications. Controlled pressure settings up to 100 P.S.I. available upon request, as supplied by SIMTECH.

Pressure/Temperature Graph: Working PSI/Fahrenheit



Dimensional Data

Nom. Size	A	B	C	C _v
1/4"	2.00	1.80	0.50	0.58
1/2"	3.00	2.50	0.70	2.87
3/4"	3.50	3.00	0.90	3.31
1"	4.00	3.50	1.10	4.32
1 1/2"	5.00	4.70	1.50	16.4
2"	6.00	5.50	1.70	21.6
3"	5.00	6.75	3.75	32.2
4"	6.00	7.50	4.00	37.4

