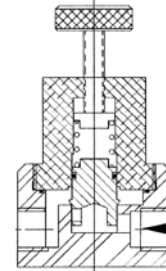


# RMR Series

## Pressure Relief Valve

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



ISO 9002 CERTIFIED

## Engineering Guide Specification

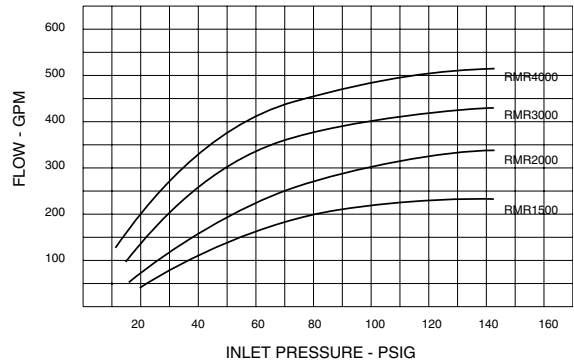
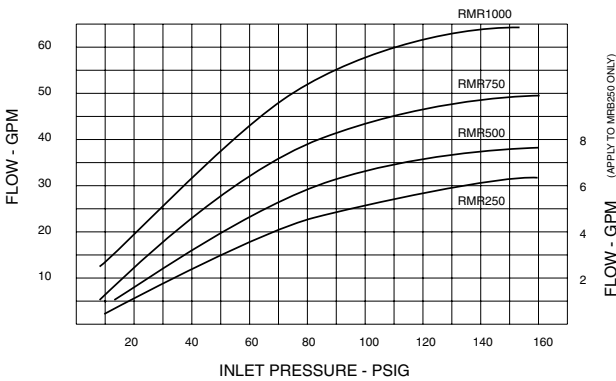
### Materials of Construction:

**PVC:** Class 12454B per ASTM D1784  
**PP:** Class PP 110B76383 per ASTM D4101  
**PVDF:** Type 1 per ASTM D3222

**Guide Specification:** The SIMTECH RMB series pressure relief valve is a 2-port valve designed to relieve excess pressure that may occur in the line or system even with back pressure or head pressure on the downstream side. Adjust the threaded stem to obtain the 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 until fully open. The valve can be set to relieve excess 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. Can be factory pre-set upon request. Controlled pressure setting up to 100 P.S.I. available on request, as manufactured by SIMTECH.

Note: Teflon Internals Available for Non Lubricant and Extended Cycle Life Applications

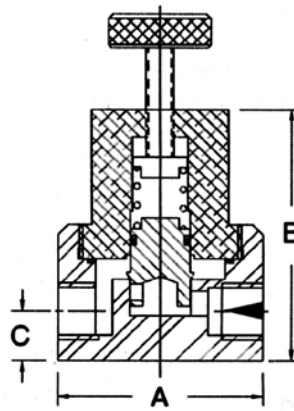
## Pressure/Temperature Graph: Working PSI/Fahrenheit



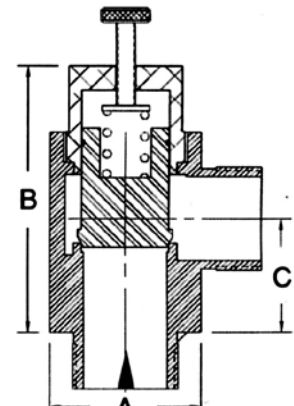
## Dimensional Data

d Inches	A	B	C	Cv	Ports
1/4	2.00	1.80	.500	.580	FNTP
1/2	3.00	2.50	.700	2.87	FNTP
3/4	3.50	3.00	.900	3.31	FNTP
1	4.00	3.50	1.00	4.32	FNTP
1 1/2	5.00	4.70	1.50	16.4*	MPT
2	6.00	5.50	1.70	21.6*	MPT
3	5.00	6.75	3.75	32.2*	MPT
4	6.00	7.50	4.00	37.4*	MPT

(\* Cv value @ 150 GPM)



1/4" TO 2.00" VALVE STYLE



3.00" VALVE STYLE

SIMTECH

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