

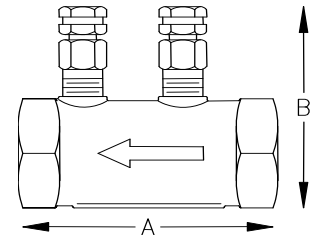
SPECIFICATIONS

PSI / Temperature Rating: 450 PSI / 250° F
Cartridge: AISI Type 304 stainless steel
 AISI Type 17-7 PH stainless steel spring
Body Material: Ductile-Iron ASTM A445-70
Cartridge Seal: EPDM O-Ring
 Optional Viton O-Ring¹
End Connections: Female NPT
Body Tappings: 1/4" NPT with P/T test valves
Assembly: Valve comes fully assembled

DIMENSIONS & WEIGHTS (NOMINAL)

All dimensions are for planning purposes only and may change without notice.

SIZE ²	MODEL NO.	A LENGTH	B HEIGHT	WEIGHT (LBS.)
1/2"	352_	5.13	3.00	1
3/4"		3.50	3.00	1
1"	353_	7.50	4.15	3.5
1-1/4", 1-1/2"		6.00	4.15	3.5



FLOW RATES (+/-5%)

SIZE	MODEL NO.	HEAD LOSS IN FEET ³	PSID RANGE	GPM
1/2", 3/4"	3521	3.5	1-14	.33, .50, .67, 1.00, 1.33, 1.67, 2.00, 2.33, 2.67, 3.33, 4.00, 4.67, 5.00
	3522	7.4	2-32	0.55, 0.75, 1.00, 1.25, 1.50, 1.75, 2.00, 2.25, 2.50, 2.75, 3.00, 3.50, 4.00, 5.00, 6.00, 7.00, 8.00
	3524	13.4	4-57	.75, 1.00, 1.33, 2.00, 2.67, 3.33, 4.00, 4.67, 5.33, 6.67, 8.00, 9.33, 10.00
	3528	30.0	8-128	1.10, 1.50, 2.00, 3.00, 4.00, 5.00, 6.00, 7.00, 8.00, 10.00, 12.00, 14.00, 16.00
1", 1-1/4", 1-1/2"	3531	3.5	1-14	3.0, 3.33, 4.00, 4.67, 5.33, 6.00, 6.67, 7.33, 8.00, 8.67, 9.33, 10.00, 10.67, 11.33, 12.00, 12.67, 13.33, 14.00, 14.67
	3532	7.4	2-32	4.5, 5.0, 6.0, 7.0, 8.0, 9.0, 10.0, 11.0, 12.0, 13.0, 14.0, 15.0, 16.0, 17.0, 18.0, 19.0, 20.0, 21.0, 22.0
	3534	13.4	4-57	6.00, 6.67, 8.00, 9.33, 10.67, 12.00, 13.33, 14.67, 16.00, 17.33, 18.67, 20.00, 21.33, 22.67, 24.00, 25.33, 26.67, 28.00, 29.33
	3538	30.0	8-128	9.0, 10.0, 12.0, 14.0, 16.0, 18.0, 20.0, 22.0, 24.0, 26.0, 28.0, 30.0, 32.0, 34.0, 26.0, 38.0, 40.0, 42.0, 44.0

NOTES

¹ Viton O-Ring only available with "A" for Schrader pressure ports
² 3/4", 1-1/4", and 1-1/2" NPT are basic body sizes. 1/2" and 1" include reducer bushings and length is +/- 0.5" due to thread tolerances.
³ Head Loss in Feet is provided for pump head calculations. (1 PSI = 2.307 Feet of Water)

