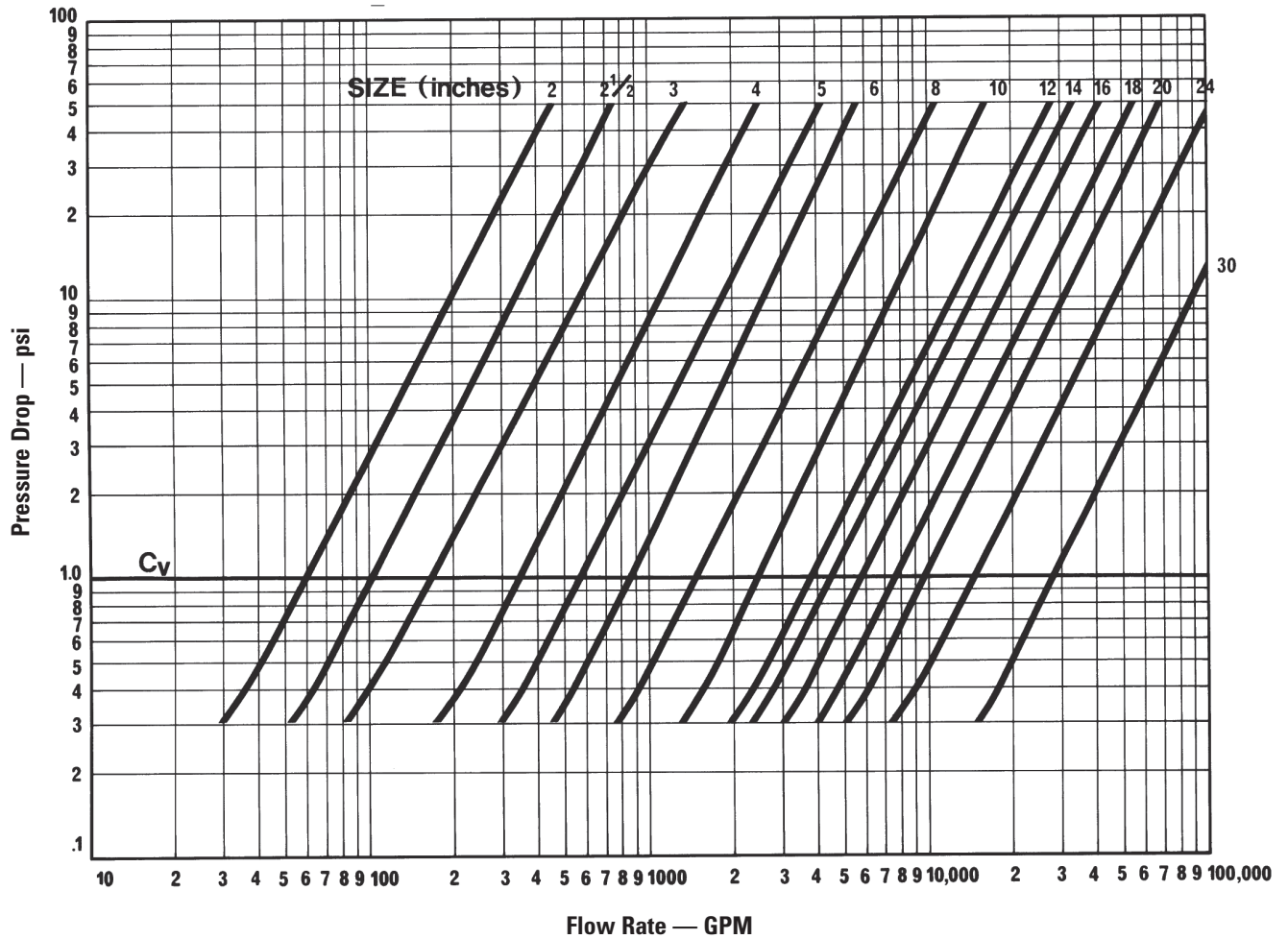


Pressure Drop Chart

Sure Check™ Valves



This chart is based on the flow of clean water at ambient temperature. Consult our Engineering Department for pressure drop information for steam, gases or viscous fluids.

Good piping practice recommends placement of check valves a distance equal to 5 to 10 pipe diameters from any turbulence producing device such as elbow, pumps, etc.

Consult factory for pressure drops of sizes larger than 30".

When selecting a valve, check flow rate and pressure drop.

A flow rate resulting in a pressure drop of at least 0.25 psi is required to prevent chatter

	Size:	2"	2-1/2"	3"	4"	5"	6"	8"	10"	12"	14"	16"	18"	20"	24"	30"
Flow Coefficient	Cv	62	110	175	350	550	850	1500	2400	3700	4500	5500	7500	9200	14000	29000
Cracking Pressure	psi	≤ 0.25	≤ 0.25	≤ 0.25	≤ 0.25	≤ 0.25	≤ 0.25	≤ 0.25	≤ 0.25	≤ 0.25	≤ 0.25	≤ 0.25	≤ 0.25	≤ 0.25	≤ 0.25	≤ 0.25

Cracking Pressure is for horizontal installation only. For installation with valve in a vertical position, consult factory.



A Watts Water Technologies Company