

**FLOW DATA/CHART****Flow / Resistance Coefficients****IRON GATE VALVES (NON-RISING, RESILIENT SEAT)****Model Number: MV40-1232X/ MV40-1235X**

Valve Size	Cv (Full Open)
DN50	301
DN65	500
DN80	796
DN100	1443
DN125	1579
DN150	3552
DN200	6314
DN250	10465
DN300	15069
DN350	20510
DN400	26789
DN450	33905
DN500	41858
DN600	60276

Cv Calculation: $Cv = Q / (\Delta P)^{1/2}$

Q is the volume flow rate, the unit Usgal/min

ΔP is the pressure drop, the unit is (lbf/in²)^{1/2}

The unit of Cv is

$$\frac{\text{Usgal/min}}{(\text{lbf/in}^2)^{1/2}}$$