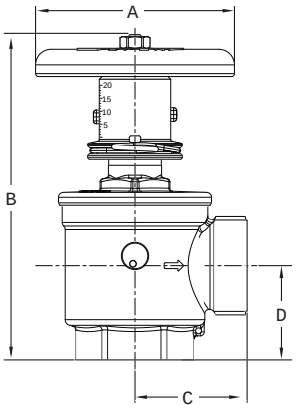
PRESSURE REDUCING ANGLE VALVE

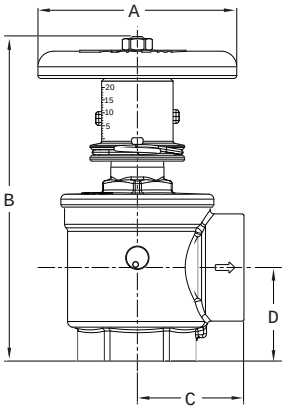
MODEL: SD-A155
SD-A156

- Adjustable restriction of residual pressure
- Working pressure of 175 psi as per UL listing and 300 psi as per FM approval
- Locking pin device restricts full opening of valve by untrained personnel, pin may be removed by fire fighters to allow full opening of valve
- Double Female NPT inlet and outlet or female NPT inlet x male hose thread outlet standard connections
- Forged brass valve body with red hand wheel
- Maximum test pressure of 350 psi
- Optional finishes - polished brass, rough chrome plated, polished chrome plated



Female x Male

SD-A156



Double Female

SD-A155

		1½" x 1½"	2½" x 2½"
A		102	130.17
B		180.18	253.21
C	Double Female	54.37	84.13
	Female x Male	57.54	76.20
D		48.02	67.07

Unit : mm

Part Numbers:

A155Y001: Rough brass
A155Y005: Rough brass
A155Y011: Polished brass
A155Y015: Polished brass
A155X005: Rough chrome
A155X011: Polis hed chrome
A155X015: Polished chrome
A155X035: Polished chrome

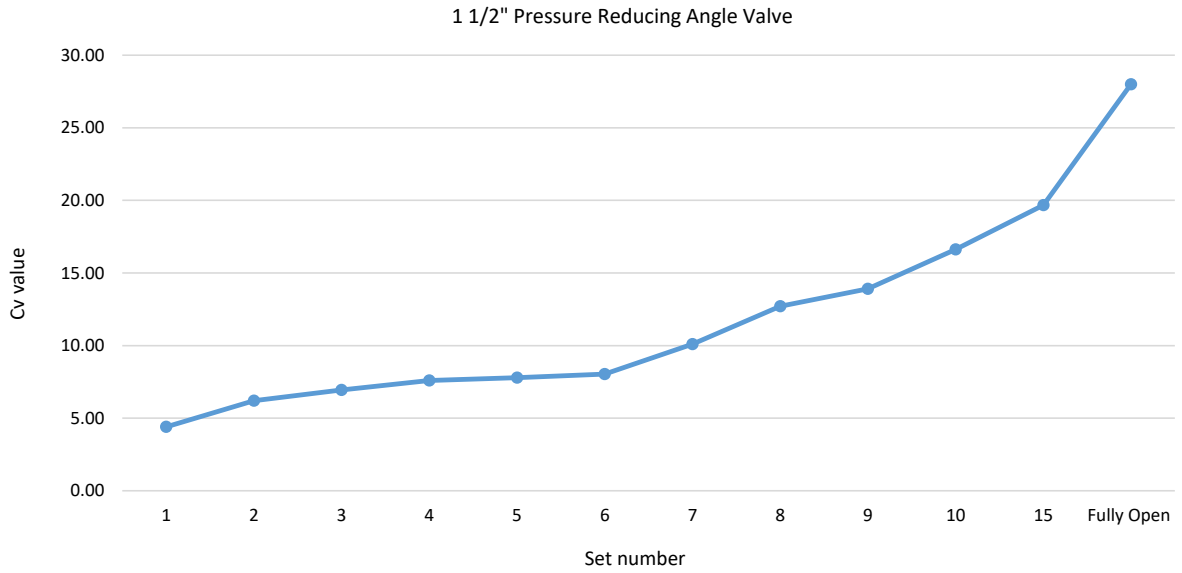
Loss Pressure Calculation

$$\triangle P = \left[\frac{GPM}{Cv}\right]^2$$

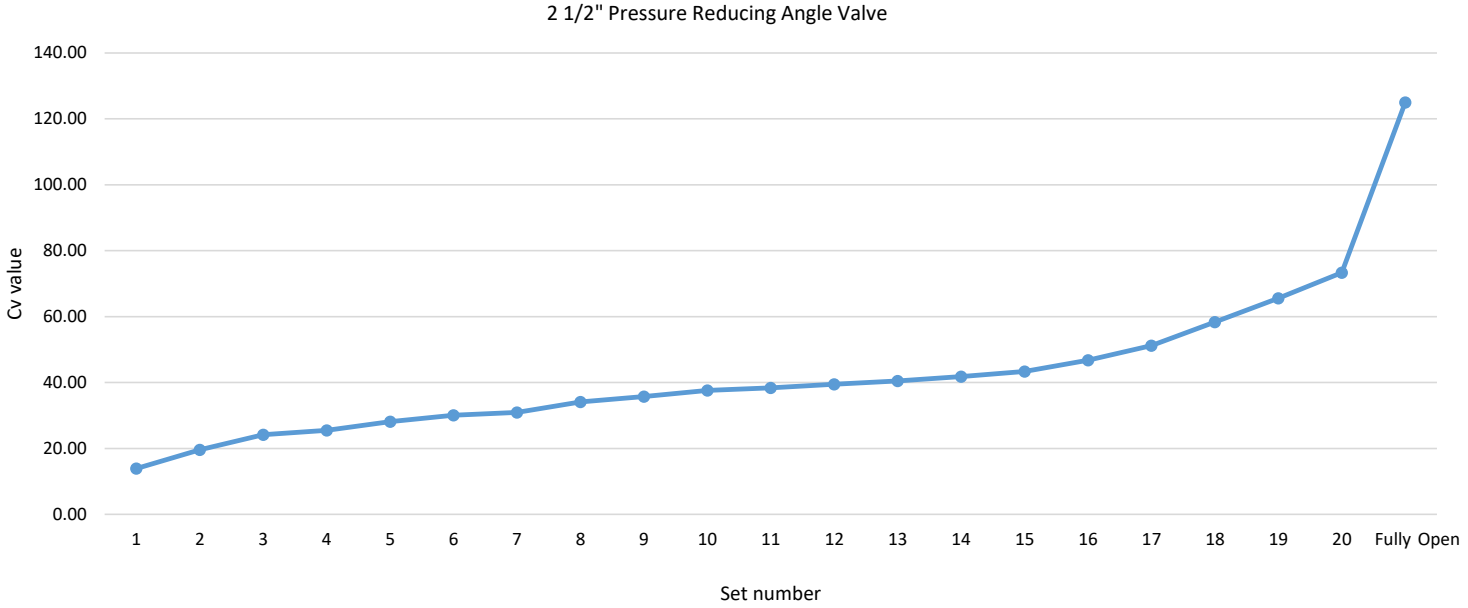
△P=Differential Pressure (Difference between inlet and outlet pressure) in PSI

GPM= Water Flow Rate in Gallons per minute

Cv = Valve Coefficient



Set number	1	2	3	4	5	6	7	8	9	10	15	Fully Open
Cv	4.40	6.20	6.95	7.60	7.78	8.03	10.09	12.70	13.91	16.63	19.67	28.00



Set number	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	Fully Open
Cv	13.90	19.60	24.20	25.50	28.10	30.05	30.90	34.08	35.78	37.60	38.40	39.45	40.45	41.80	43.39	46.80	51.20	58.36	65.60	73.32	125.00