

Performance Characteristics

Series 1100

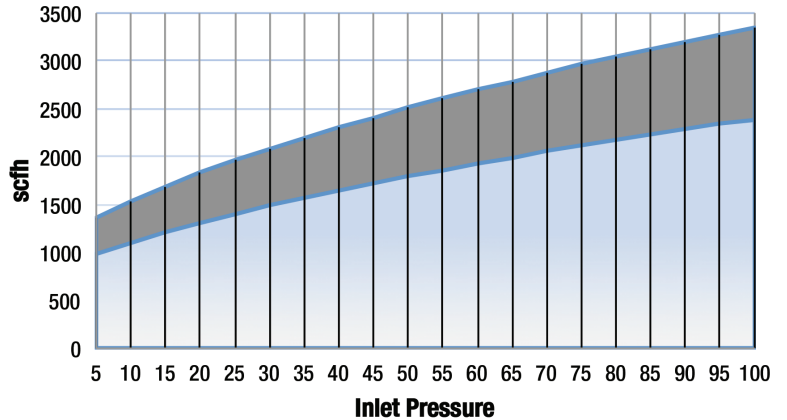
Gray Label Excess Flow Valves



5 psig to 1,000 psig – inlet Pressure

INLET PRESSURE	SERIES 1100 MINIMUM TRIP POINT	BYPASS FLOW AFTER TRIP (NOM. MAX)
psig	SCFH	SCFH
5	1,000	18
10	1,100	20
15	1,230	23
20	1,310	25
30	1,530	28
40	1,670	32
50	1,870	35
60	2,030	37
70	2,180	39
80	2,300	41
90	2,450	46
100	2,550	50
150	2,859	75

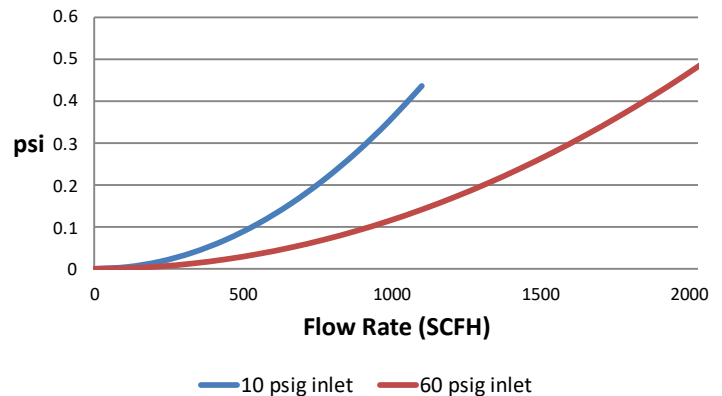
TRIP RANGE CHART



PROTECTED LENGTH (ft)

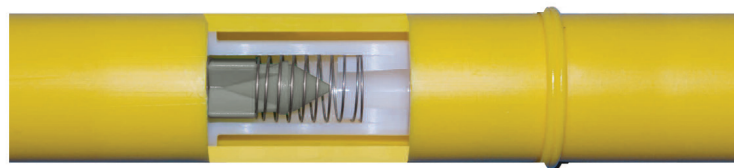
INLET PRESSURE (psig)	1 CTS (.099) 0.915	3/4 IPS 0.849	1 IPS 1.061	1 1/4 IPS DR10 1.308	2 IPS 1.917
10	967	675	1968	5375	33668
20	1876	1309	3817	10425	65302
40	3593	2509	7313	19970	125100
60	5297	3698	10781	29440	184419
80	7018	4900	14284	39005	244338

Pressure Drop



Note:

Calculate service line capacities from given flow and pressure drop data to ensure adequate flow capacity is available to operate valve. Tables and Charts developed for standard conditions: 60° and 0.6 specific gravity gas. For additional assistance with sizing and technical information on GasBreaker Excess Flow Valves, please contact GasBreaker.



AVAILABILITY

Series 1100 EFVs available in 3/4 IPS – 2 IPS sticks and prefabricated models in other sizes. (see page 4 for examples)

COMPLIANCE

All valves comply with: DOT Part 192.381, ASTM F 2138 and MSS SP-115: Excess Flow Valves Tested to, or in accordance with, ASTM F 1802.

