

Performance Characteristics

Series 10000

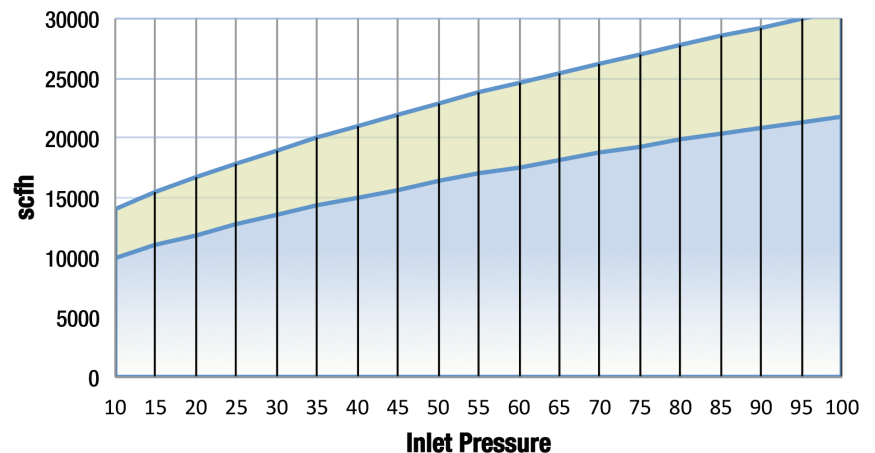
Tan Label Excess Flow Valves



10 psig to 150 psig – inlet Pressure

INLET PRESSURE	SERIES 10000 MINIMUM. TRIP POINT	BYPASS FLOW AFTER TRIP (NOM. MAX)
psig	SCFH	SCFH
10	10,000	20
15	10,500	23
20	11,000	25
30	12,500	28
40	14,000	32
50	15,000	35
60	16,000	37
70	17,286	39
80	18,629	41
90	20,026	46
100	21,474	50
150	24,265	75

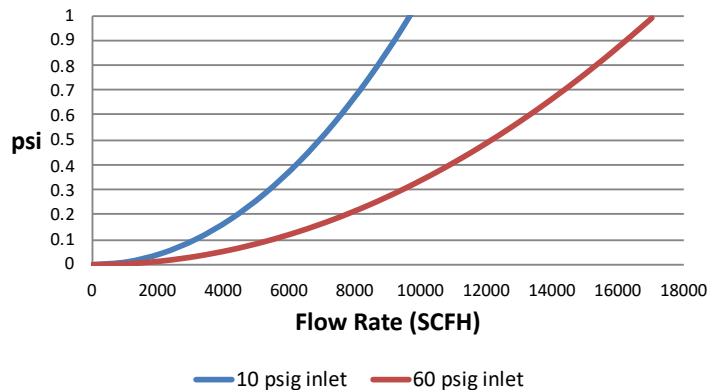
TRIP RANGE CHART



PROTECTED LENGTH (ft)

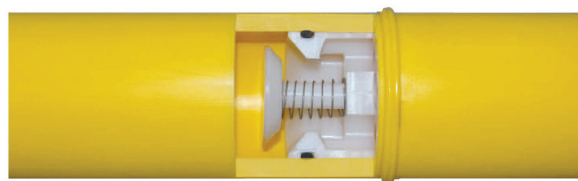
INLET PRESSURE (psig)	1 1/4 IPS DR10 1.308	2 IPS 1.917
10	86	536
20	180	1126
40	358	2244
60	536	3356
80	715	4480

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 10,000 EFVs available in 2 IPS sticks and other prefabricated models. (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.

