

Performance Characteristics

Series 300

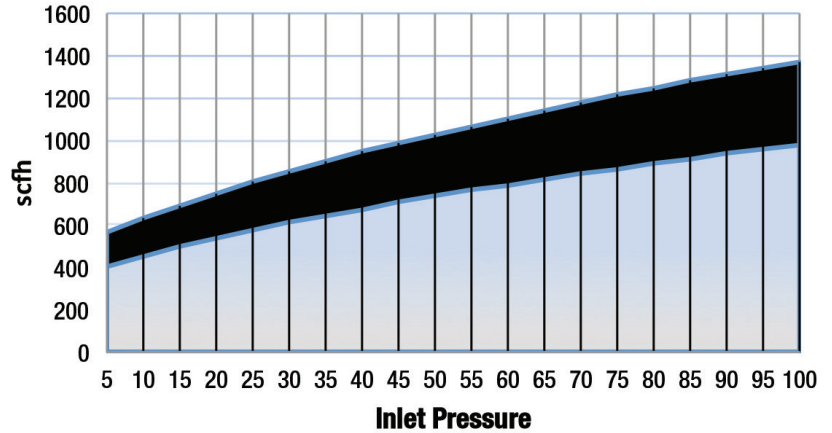
Black Label Excess Flow Valves



5 psig to 1,000 psig – inlet Pressure

INLET PRESSURE	SERIES 300 MINIMUM TRIP POINT	BYPASS FLOW AFTER TRIP (NOM. MAX)
psig	SCFH	SCFH
5	400	18
10	450	20
15	490	23
20	540	25
30	620	28
40	680	32
50	740	35
60	800	37
70	860	39
80	910	41
90	950	46
100	1,000	50
150	1,190	75

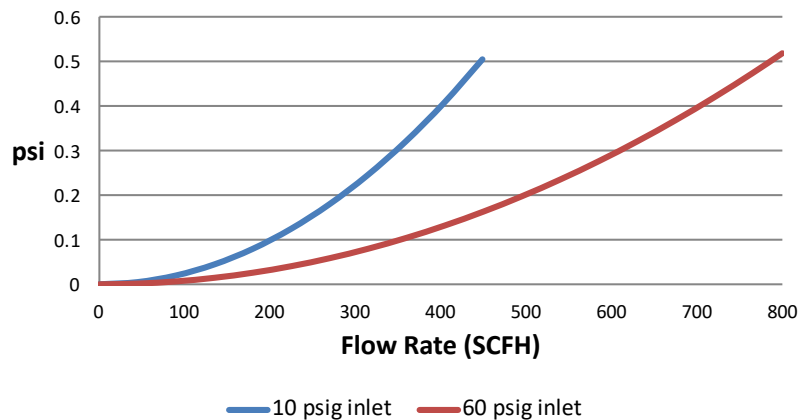
TRIP RANGE CHART



PROTECTED LENGTH (ft)

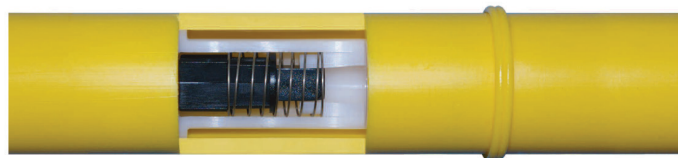
INLET PRESSURE (psig)	1 CTS (0.915)	3/4 IPS (0.849)	1 IPS (1.061)
10	5113	3570	10407
20	9959	6953	20269
40	19120	13348	38914
60	28209	19693	57412
80	37390	26103	76097

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 300 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.

