

Blackmer®



PSG
a DOVER company

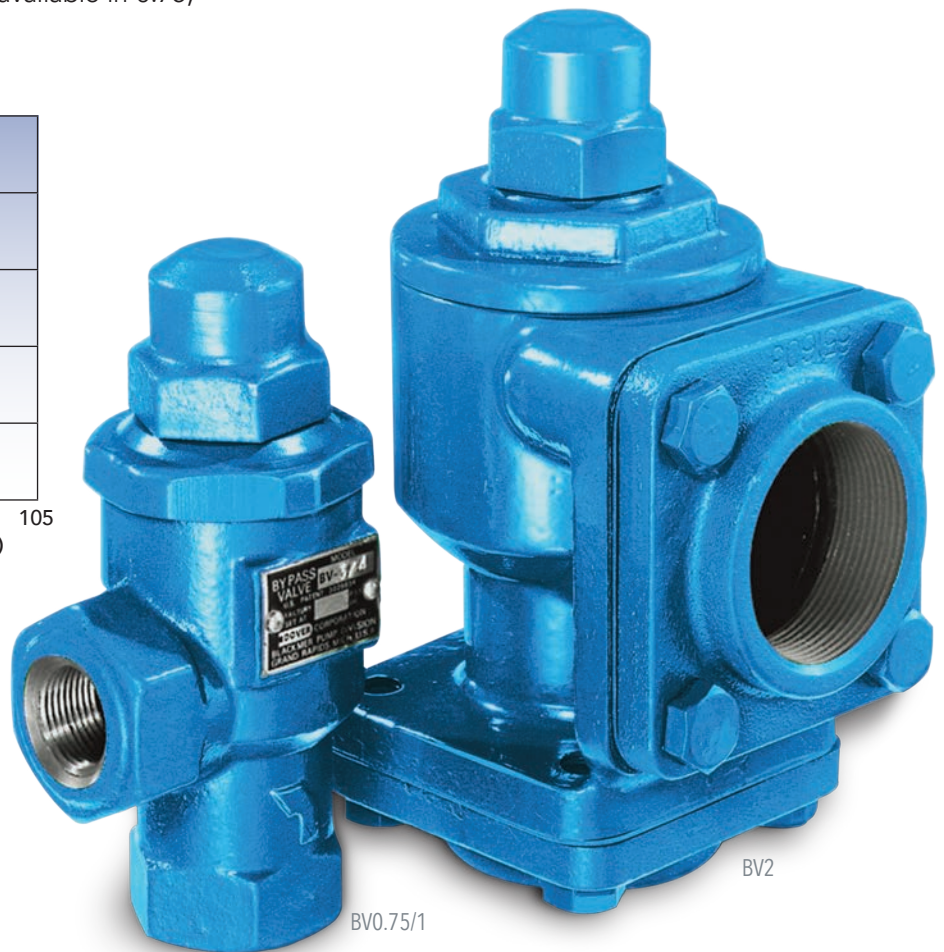
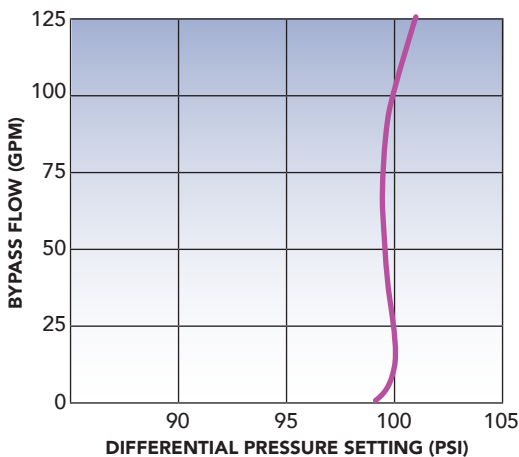
Where Innovation Flows

Blackmer® BV Bypass Valves | Precise, On-Line Pressure Protection

Blackmer BV Differential Bypass Valves provide primary pressure control and are designed to maximize the dispensed flow rate of the overall system.

When downstream connections restrict the flow of product less than what is displaced by the pump, the remaining liquid flow is safely returned to the supply tank through the bypass valve connection which avoids damage to the pump.

The valve design also maximizes dispensed flow rate by having a narrow pressure band between initial cracking pressure and full pump flow when the delivery line is closed. Blackmer BV Bypass Valves are available in 0.75, 1, 1.25, 1.5, & 2 inch sizes.





BV Bypass Valves

Precise, On-Line Pressure Protection

MODEL	CONNECTIONS	PUMP MODELS	Maximum Flow Capacity	APPLICATIONS
BV0.75/1	NPT	1.25" & 1.5" LGL Series Models	60 gpm (227 L/min)	Cylinder filling systems
BV1.25/1.5	NPT	2" & 3" LGL Series Models	125 gpm (473 L/min)	Bobtails and smaller bulk plant systems
BV2	NPT, NPT Elbow, Weld, Weld Elbow	3" & 4" LGL Series Models	250 gpm (946 L/min)	Transports and large bulk plant systems

**Normal maximum bypass flow rates without significantly exceeding the set pressure limit.*

BV Bypass Valve Warranty & Guarantee

Blackmer stands behind the quality of our BV Bypass Valves, with an unmatched extended five-year Product Warranty and two-year Performance Assurance Guarantee.

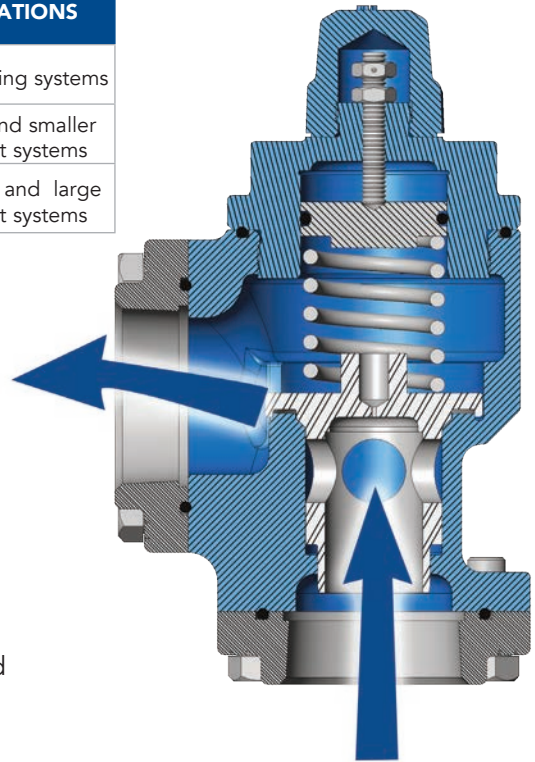
Product Warranty

When working with propane, butane and propane/butane mixtures, Blackmer BV Bypass Valves will be free from defects in materials and workmanship under normal use and service for five years.

Performance Assurance Guarantee

Should a Blackmer BV Bypass Valve fail in the performance of its duties when handling propane, butane, and propane butane mixtures, within two years, free replacement components will be provided to return the valve to like-new condition.

Full details available at psgdover.com/blackmer/LPGWarranty



For more information on these additional solutions, visit us at psgdover.com/blackmer.

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Authorized PSG® Partner:

Where Innovation Flows 



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