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## AKBS6V 130 SGT BP REGULATOR S6 VITON

Pressure Regulator | Back Pressure  
Regulator | Gas Back Pressure

**1" Female NPT Through Body**  
**1" Equal Percentage Trim**

Process Fluid: **Gas**  
Operation: **Pneumatic**  
Pilot Type: **Vent**

Options Included In This Model:

- Elastomer: **FKM**
- Trim Material: **Stainless Steel**



Critical Flow Factor (Cf) = 0.74

100% Cv = 13.20

Cv @ % Stem Travel (%open)									
10%	20%	30%	40%	50%	60%	70%	80%	90%	100%
1.1	1.8	2.4	3.4	4.8	6.6	8.5	10.2	11.9	13.2

Control pressure upstream of the valve by adjusting the set point to the desired max upstream pressure. Used on separators, heater treaters, compressor stations, and gas gathering systems.

Utilizes process gas to operate integrated pilot. Gas must be clean and dry.

## Specifications

Connection Size: **1 "**  
Connection Type: **Female NPT**  
Body Style: **Through Body**  
Body Material: **Cast Ductile**  
**NACE MR0175 Compliant**  
Trim Size: **1 "**  
Trim Type: **Equal Percentage**  
Seal Class: **Class VI**  
Process Fluid: **Gas**  
Pilot Type: **Vent**  
Max. Working Pressure: **300 psig**  
Min. Set Point Pressure: **10 psig**  
Max. Set Point Pressure: **300 psig**  
Operation: **Pneumatic**  
Catalog Page: **A:10.3**  
Face-toFace Length: **4.38**

### Flow Coefficient (CV) at Stem Travel (% Open) for Item: AKBS6V

