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## AKF 130 SGT PR-D REGULATOR

Pressure Regulator | Pressure Reducing Regulator | Gas Pressure Reducing

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

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



Critical Flow Factor (Cf) = 0.74

100% Cv = 13.20

Control pressure downstream of the valve by adjusting the set point to the desired max downstream pressure. Commonly used as a suction control valve on compressors.

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**  
**Option Available for NACE MR0175 compliance or certification.**  
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:20.3**  
Face-toFace Length: **4.38**  
Repair Kit P/N: **RRU**

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

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



