

[View this product on Kimray.com](http://kimray.com)

AAR 230 SGT BP-D REGULATOR

Pressure Regulator | Back Pressure
Regulator | Gas Back Pressure

2" Female NPT Through Body
2" Equal Percentage Trim

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



Critical Flow Factor (Cf) = 0.84

100% Cv = **47.00**

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: **2 "**
Connection Type: **Female NPT**
Body Style: **Through Body**
Body Material: **Cast Ductile**
Option Available for NACE MR0175 compliance or certification.
Trim Size: **2 "**
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-to-Face Length: **8.5**
Repair Kit P/N: **RDG**

Cv @ % Stem Travel (%open)

| 10% | 20% | 30% | 40% | 50% | 60% | 70% | 80% | 90% | 100% |
|-----|-----|-----|------|------|------|------|------|------|------|
| 4 | 6.2 | 8.6 | 12.1 | 17.2 | 23.5 | 30.4 | 36.3 | 42.5 | 47 |

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



