

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

AOSD55 2.5 SGT OPR5-D W/5#SPRNG

Pressure Regulator | Pressure Reducing Regulator | Gas Ounces Pressure Reducing

2" Female NPT Through Body 1.25" Equal Percentage Trim

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



Critical Flow Factor (Cf) = 0.75

100% Cv = **21.00**

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: **2 "**
Connection Type: **Female NPT**
Body Style: **Through Body**
Body Material: **Cast Ductile**
Option Available for NACE MR0175 compliance or certification.
Trim Size: **1.25 "**
Trim Type: **Equal Percentage**
Seal Class: **Class VI**
Process Fluid: **Gas**
Pilot Type: **Vent**
Max. Working Pressure: **300 psig**
Min. Set Point Pressure: **0.0625 psig**
Max. Set Point Pressure: **5 psig**
Operation: **Pneumatic**
Catalog Page: **A:110.4**
Face-toFace Length: **8.5**
Repair Kit P/N: **RUAD**

Cv @ % Stem Travel (%open)									
10%	20%	30%	40%	50%	60%	70%	80%	90%	100%
1.8	2.8	3.9	5.4	7.7	10.5	13.6	16.2	19	21

Flow Coefficient (CV) at Stem Travel (% Open) for Item: AOSD55



