

[View this product on Kimray.com](#)

AKSD 418 FGT PR-NV-D REG

Pressure Regulator | Pressure Reducing Regulator | Gas Pressure Reducing Non Venting

**4" 150 RF Through Body
4" Equal Percentage Trim**

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



Critical Flow Factor (Cf) = 0.75

100% Cv = **210.00**

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: **4 "**
Connection Type: **150 RF**
Body Style: **Through Body**
Body Material: **Cast Ductile**
Option Available for NACE MR0175 compliance or certification.
Trim Size: **4 "**
Trim Type: **Equal Percentage**
Seal Class: **Class VI**
Process Fluid: **Gas**
Pilot Type: **Non Vent**
Max. Working Pressure: **250 psig**
Min. Set Point Pressure: **10 psig**
Max. Set Point Pressure: **250 psig**
Min. Differential Pressure: **5 psi**
Operation: **Pneumatic**
Catalog Page: **A:25.3**
Face-toFace Length: **15**
Repair Kit P/N: **RDINV**

Cv @ % Stem Travel (%open)									
10%	20%	30%	40%	50%	60%	70%	80%	90%	100%
17.8	27.9	38.6	54.2	77	105.2	135.9	162.2	189.8	210

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



