

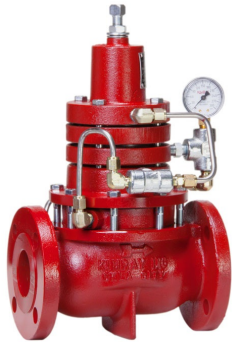
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## AJJ 218 FGT PRB-D REGULATOR

Pressure Regulator | Pressure Reducing Regulator | Gas Pressure Reducing Balanced

**2" 150 RF Through Body  
2" Equal Percentage Trim**

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

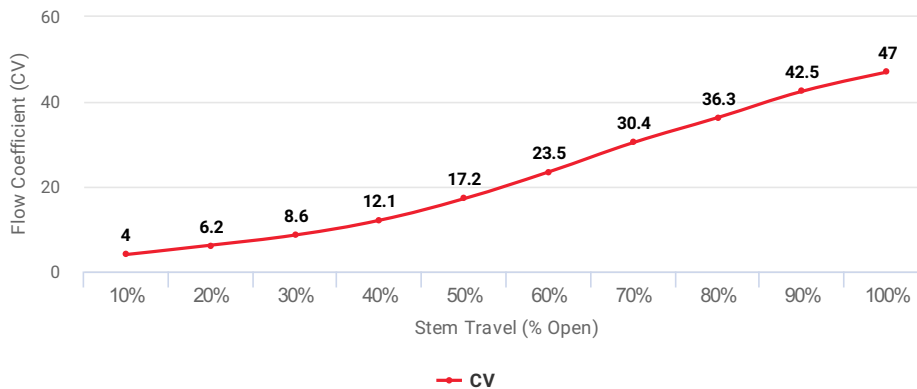


Critical Flow Factor (Cf) = 0.84

100% Cv = **47.00**

| 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: AJJ



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.

Set point increases 1 psi for every 100 psi upstream increase, and vice versa. Utilizes process gas to operate integrated pilot. Gas must be clean and dry.

### Specifications

- Connection Size: **2 "**
- Connection Type: **150 RF**
- 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: **250 psig**
- Min. Set Point Pressure: **10 psig**
- Max. Set Point Pressure: **250 psig**
- Operation: **Pneumatic**
- Catalog Page: **A:30.3**
- Face-to-Face Length: **9**
- Repair Kit P/N: **RRM**

