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AOVD20 302 SGT OPR D W/20# SPRING

Pressure Regulator | Pressure Reducing Regulator | Gas Ounces Pressure Reducing

3" Female NPT Through Body 3" Equal Percentage Trim

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



Critical Flow Factor (Cf) = 0.75

100% Cv = 117.00

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: **3 "**
Connection Type: **Female NPT**
Body Style: **Through Body**
Body Material: **Cast Ductile**
Option Available for NACE MR0175 compliance or certification.
Trim Size: **3 "**
Trim Type: **Equal Percentage**
Seal Class: **Class VI**
Process Fluid: **Gas**
Pilot Type: **Vent**
Max. Working Pressure: **300 psig**
Min. Set Point Pressure: **1 psig**
Max. Set Point Pressure: **20 psig**
Operation: **Pneumatic**
Catalog Page: **A:110.4**
Face-toFace Length: **12.06**
Repair Kit P/N: **RUZ**

Cv @ % Stem Travel (%open)									
10%	20%	30%	40%	50%	60%	70%	80%	90%	100%
9.9	15.6	21.5	30.2	42.9	58.6	75.7	90.4	105.7	117

Flow Coefficient (CV) at Stem Travel (% Open) for Item: AOVD20



