Series AK 9200
Single Stage Regulator
Flow Rates to 2,000 slpm (71 scfm)

- SS 316 construction
- High performance / high flow
- Cleaned for O₂ service
- 3/4 inch port size
- Tied diaphragm design
- Vacuum to 300 psig (21 bar) inlet
- Machined from bar stock
- Diffusion resistant metal diaphragm
- Field repairable
- Knob LOTO option (refer to AP KL data sheet)
- Installation and operating instructions available at www.aptech-online.com in the Tech Briefs section

**Engineering Data**

**Operating Parameters**

| AK 9200 | Source pressure | vacuum to 300 psig (21 bar) |
| AK 9202 | Delivery pressure | 1 to 30 psig (0.07 to 2 bar) |
| AK 9206 | | 2 to 60 psig (0.14 to 4 bar) |
| AK 9210 | | 2 to 100 psig (0.14 to 7 bar) |
| AK 9215 | | 5 to 150 psig (0.34 to 10 bar) |
| | Proof pressure | 150% of operating pressures |
| | Burst pressure | 300% of operating pressures |

**Other Parameters**

| Inlet/outlet connectors | 3/4” NPT or compression |
| Flow coefficient, Cv | 1.6 |
| Internal volume | 2.2 in³ (36 cm³) |
| Operating temperature | -40º to +160ºF (-40º to +71ºC) |
| Leak rate | 1 x 10⁻⁹ scccs |
| Supply pressure effect | 7 psig per 100 psig source pressure change |

**Materials of Construction**

| AK 9200 S |
| Body, nozzle | SS 316L |
| Poppet | SS 316 |
| Diaphragm | Ni-Cr-Mo alloy / UNS N06022 |
| Seat | PFA |

All specifications subject to change without notice.
**SERIES AK 9200 — SERVICE AND SUPPORT BEYOND COMPARE**

**ORDERING INFORMATION**

**S** = Stainless steel (SS)

AK 9202 = 1-30 psig (0.07 to 2 bar)
AK 9206 = 2-60 psig (0.14 to 4 bar)
AK 9210 = 2-100 psig (0.14 to 7 bar)
AK 9215 = 5-150 psig (0.34 to 10 bar)

**4PL** = 4 ports

**12** = 3/4 inch NPT

**12T** = 3/4 inch compression

**0** = No gauge or device installed

**V3** = 30-0-30 psig/bar

**1** = 30-0-100 psig/bar

**2** = 0-200 psig/bar

**P Options**

**P** = Panel installation*

**BP** = Bonnet vent port

**KL** = Knob LOTO (refer to AP KL data sheet)

*Panel hole 1.56” diameter.

CAUTION: Product selection is the sole responsibility of the user, regardless of any recommendations or suggestions made by the factory. The user shall make selections based upon their own analysis and testing with regard to function, material compatibility and product ratings. Proper installation, operation and maintenance are also required to assure safe, trouble free performance.

**NOTE:** Ports, other than 1 and 2, are only available 1/4 inch NPT.

**NOTE:** Designations required for all four ports.

**CAUTION:** Product selection is the sole responsibility of the user, regardless of any recommendations or suggestions made by the factory. The user shall make selections based upon their own analysis and testing with regard to function, material compatibility and product ratings. Proper installation, operation and maintenance are also required to assure safe, trouble free performance.

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All dimensions in inches (mm). Metric dimensions are for reference only.