PREMIER INDUSTRIES

O2 AO 0.80

Oxygen, Air Operated, Normally Closed
High Pressure Valves



Premier O2 AO 0.80 Series air operated high pressure valves are designed for normally closed use with Oxygen. Premier O2 AO 0.80 valves are rated to 3000 PSIG / 206.8 BAR and Cv 0.80.

FEATURES

- Designed for Oxygen Service
- 3000 PSIG/206.8 BAR max inlet pressure
- Cv 0.80
- Robust design for long cycle life
- Customize and optimize to meet your unique requirement (contact Premier)

SOME APPLICATIONS WILL REQUIRE A CUSTOM SOLUTION.
CONTACT PREMIER INDUSTRIES TO REQUEST A MODIFICATION OR A CUSTOM DESIGN.

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SPECIFICATIONS

- **MAXIMUM INLET PRESSURE :**
  - 3000 PSIG / 206.8 BAR
- **ACTUATION PRESSURE RANGE:**
  - 90-110 PSIG / 6.2-7.6 BAR
- **FLOW (Cv):** 0.80

MATERIALS OF CONSTRUCTION

PROCESS SIDE WETTED:

- **BODY**:
  - SAE 360 BRASS
- **VALVE STEM AND INSERT:**
  - Monel® 400
- **MAIN VALVE SEAT:**
  - PCTFE
- **O-RING SEALS:**
  - Viton-A
- **LUBRICANT**:
  - Krytox 240AC *(STANDARD)*

ACTUATOR SIDE WETTED:

- **PISTON, PLUG, AND BONNET**:
  - 303 Stainless Steel

NON-WETTED:

- **SCREW**:
  - 18-8 Stainless Steel
- **SPRING (NON-WETTED)**:
  - Chrome silicon, vinyl coated
- **BACKUP RINGS**:
  - PTFE

ALL WETTED COMPONENTS CLEANED PER PREMIER IND. WI615 (CGA G4.1 STANDARD) FOR OXYGEN SERVICE

PORTING

- **INLET & OUTLET PORTING**:
  - 1/2" AS5202 (-08 TUBE SIZE)
- **ACTUATION PORT:**
  - 1/4" AS5202 (-04 TUBE SIZE)

OPTIONS

- Private label

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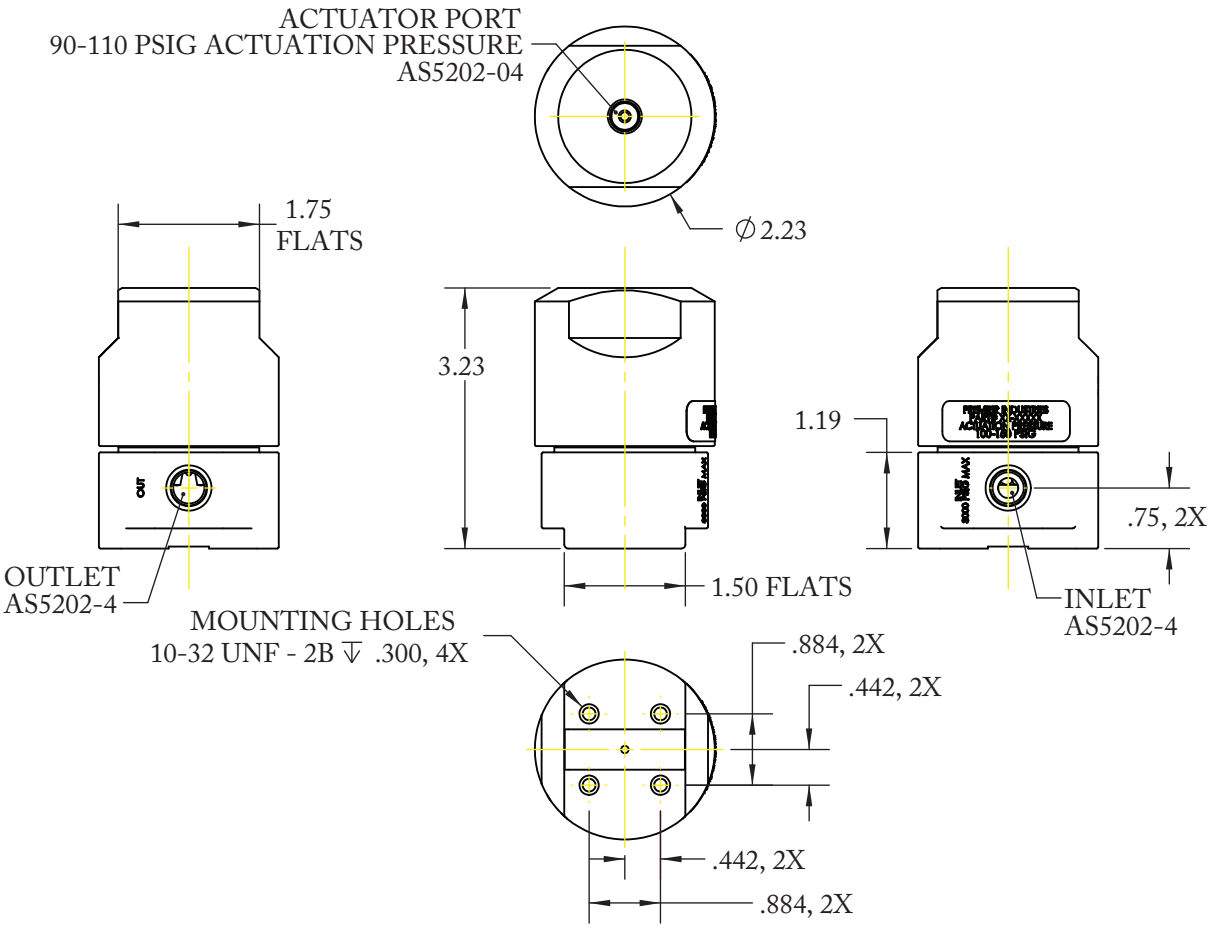
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PART NUMBER: 70-00468



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PART #	-	1
70-00468	-	

Cv 0.80, 3000 PSIG MAX INLET

1	TYPE
BLANK	NORMALLY CLOSED