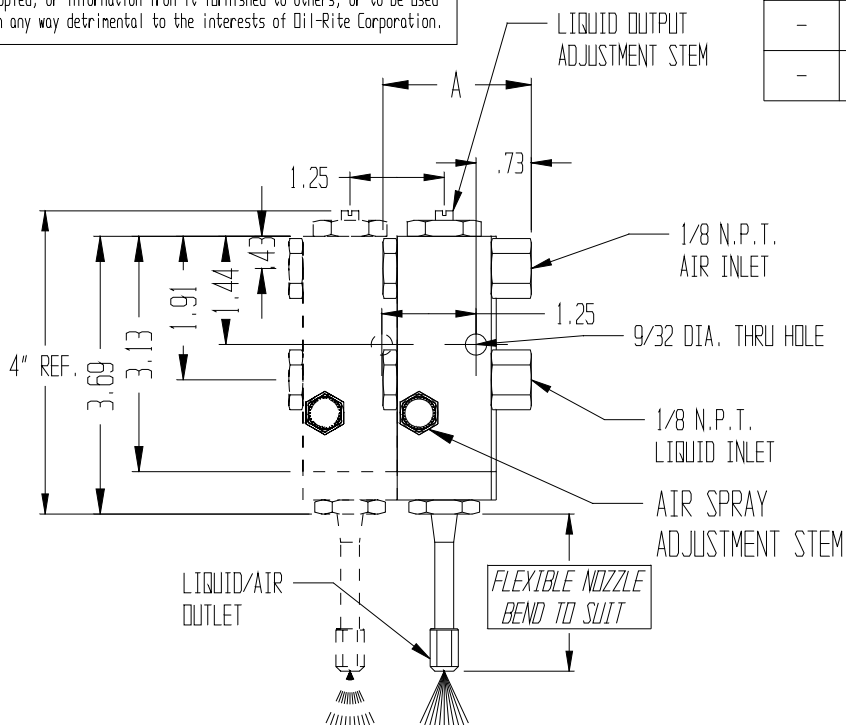


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REV	CD NO	CHANGE	BY	DATE	APVD
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-	-	-	-	-	-
-	-	-	-	-	-



ASS'Y NO. B-3559

PART/FEEDS	-1	-2	-3	-4	-5	-6
A	1 31/32	3 7/32	4 15/32	5 23/32	6 31/32	8 7/32

BODY IS 1 1/8 THICK

I) INSTALLATION

A. Mounting:

One 9/32" DIA. through mounting hole per body. Secure to flat surface. Pump may be mounted in any position (such as up side down).

B. Air and Liquid Connections:

1. Attach suction line to 1/8 N.P.T. liquid inlet.
2. Aim the nozzles at the points to be lubricated.
3. Attach air line from air control equipment, to 1/8 N.P.T. air inlet.

II) OPERATION:

A. Start-Up Procedure:

1. Fill reservoir with liquid to be pumped.
2. Set the air cycle rate and air pressure.
3. Set liquid output using adjustment stem.
4. Set air spray using adjustment stem.
5. Pump is ready to operate.
6. For faster start-up, prefill lines.

B. Liquid Output Adjustment:

1. Use the adjustment stem atop each feed in conjunction with the air cycle rate. Individual conditions may vary.
2. Each clockwise turn of the adjustment stem reduces output per cycle by:

.002 in³/.03 cc/.001 oz./1.78 (1/8 dia) drops.

3. Max output, per cycle, per feed, with adjustment stem backed all the way out:

.012 in³/.20 cc/.007 oz./12 (1/8 dia) drops.

C. Air Spray Control:

Use the adjustment stem to vary or shut off the air spray.

NOTE: START UP PROCEDURE MUST BE DONE IN A CLEAN ENVIRONMENT.

SPECIFICATIONS:

AIR PRESSURE REQUIRED: 40 P.S.I. MINIMUM
 OPERATING TEMPERATURE: -15 TO 180° F
 SEALS: BUNA/VITON STANDARD
 OTHER MATERIALS: ALUMINUM, BRASS, STAINLESS STEEL, & PLATED STEEL



TOLERANCES UNLESS OTHERWISE SPECIFIED
 FRACTIONAL ± 1/64
 DECIMAL .XX ± .020
 DECIMAL .XXX ± .005
 DECIMAL .XXXX ± .002
 ANGLES ± 1 DEG
 ASSEMBLIES: ALL DIMENSIONS ARE REF.

SCALE: 3:8	DATE
DRAWN: SB	09-30-02
APV'D: MW	09-30-02

TITLE:
 INSTALLATION & OPERATION
 INSTRUCTIONS - INJECTOR PUMP
 ASS'Y B-3559 STYLE: DGMS

DRAWING NUMBER:	REV
A-7205	-
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