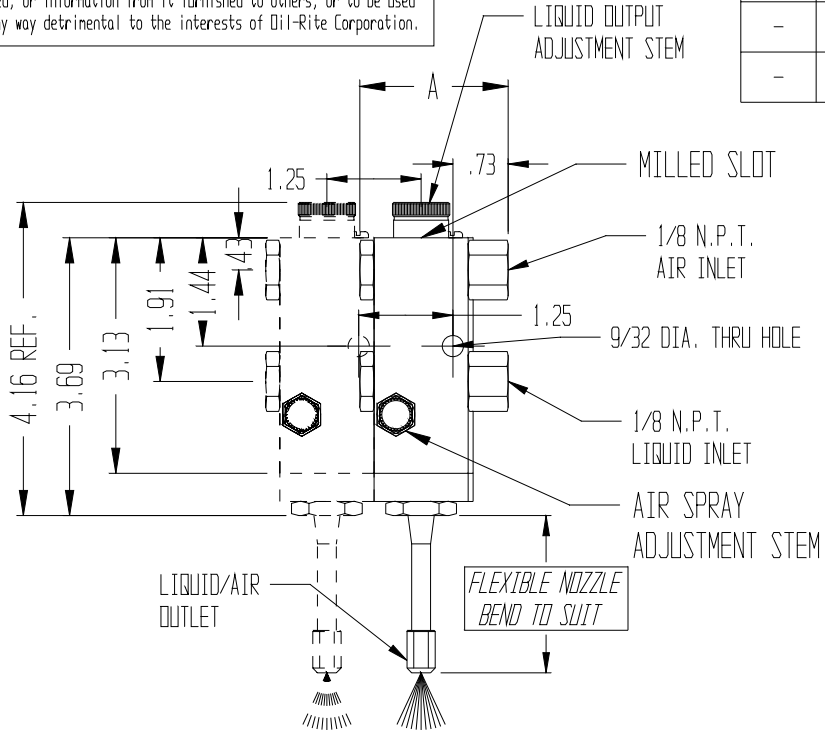


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REV	CD NO	CHANGE	BY	DATE	APVD
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-



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

SPECIFICATIONS:
 AIR PRESSURE REQUIRED: 40-120 PSI
 OPERATING TEMPERATURE: -15 TO 180° F
 SEALS: BUNA OR VITON STANDARD
 OTHER MATERIALS: ALUMINUM, BRASS, STAINLESS STEEL, & PLATED STEEL

ASS'Y NO. B-3584

NO. OF 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 nozzle at the point 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.
 2. Set the air cycle rate and air pressure.
 3. Set liquid output using liquid output adjustment stem.
 4. Set air spray using air output adjustment stem.
 5. Pump is ready to operate.
 6. For faster start-up, prefill lines.

B. Liquid Output Adjustment:

- Use the adjustment stem atop each feed in conjunction with the air cycle rate. Individual conditions may vary.
- Turn the liquid output adjust stem clockwise until it bottoms out.
- Turn the liquid output adjust stem counterclockwise until the zero lines up with the milled slot in the top of the body. At this point the liquid output per cycle is zero.
- From this zero point, each counterclockwise turn of the adjustment stem increases output per cycle by:

$$.00026 \text{ in}^3 / .0042 \text{ cc} / .00014 \text{ oz.}$$

- Max output, per cycle, per feed, with liquid output adjustment stem backed completely out:

$$.0012 \text{ in}^3 / .02 \text{ cc} / .00068 \text{ oz.}$$

C. Air Spray Control:

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



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: RSH 3-1-04
 APV'D: MW 3-1-04

TITLE:
 INSTALLATION & OPERATION
 INSTRUCTIONS - INJECTOR PUMP
 ASS'Y B-3584 STYLE: DGMS

DRAWING NUMBER:
 A-7256

REV
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