

3 GPM OIL PUMP

GEAR TYPE
(TUTHILL)

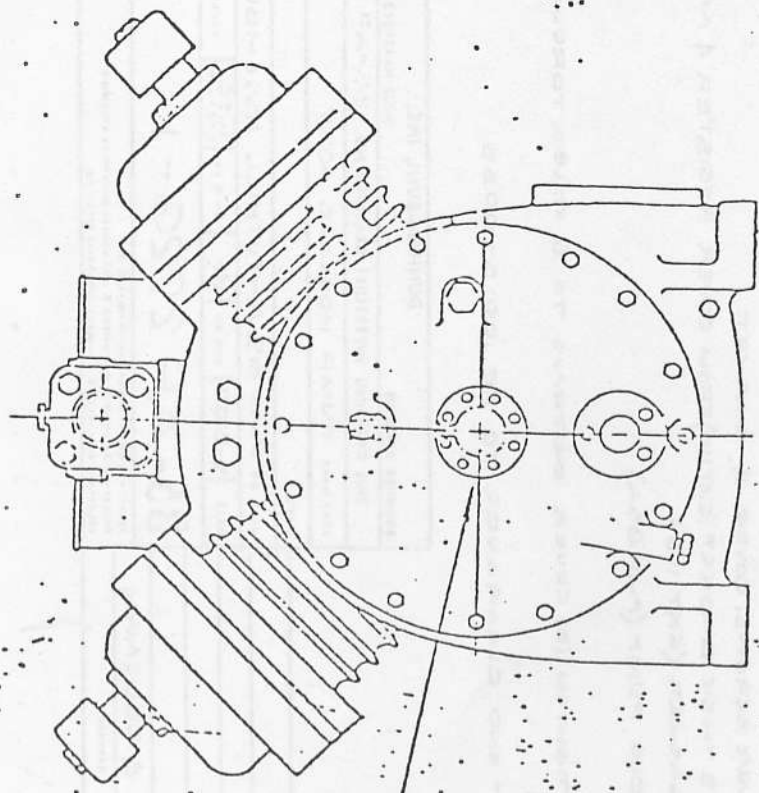
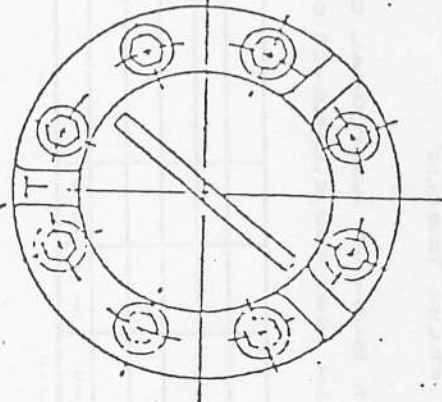
LOBE TYPE
(D+N INC.)

REMOVAL AND INSTALLATION INSTRUCTIONS

1. DRAIN OIL AND REMOVE PUMP HOUSING FROM COMPRESSOR.
2. REMOVE PUMP FROM HOUSING.
3. DRIVE BUSHING OUT OF HOUSING IF LOBE TYPE IS TO BE INSTALLED IN PLACE OF GEAR TYPE.
4. INSTALL BUSHING IF GEAR TYPE IS TO BE INSTALLED.
(Ref D/B Dwg. No. AP2226)
5. INSTALL PUMP INTO HOUSING.
 - A. Line up small hole in gear type cover with small hole in pump housing (Ref D/B Dwg. No. AP2226)
 - B. Put rib with notch in it at top on lobe type.
(Ref D/B Dwg. No. AP3260)
6. TORQUE PUMP COVER BOLTS TO 6 FT.-LBS. ON GEAR TYPE AND 12 FT.-LBS. ON LOBE TYPE.
7. LINE UP TANG ON PUMP SHAFT WITH SLOT IN END OF CRANK-SHAFT AND INSTALL HOUSING ON CRANKCASE.
8. CHARGE OIL AND CHECK OIL PRESSURE.
D/B METIC & D-LINE 20-25 P.S.I. BIG 4 40-45 P.S.I.

BS-AP3

ASSEMBLE OIL PUMP WITH
LETTER "T" IN THE VERTICAL
POSITION AS SHOWN



This drawing contains details and other information which are the property of Dunham-Bush, Inc. This drawing may not be copied, in whole or in part, or reproduced or published in whole or in part, without the prior written permission of Dunham-Bush, Inc. All rights reserved.

DUNHAM-BUSH, INC.
WEST HARTFORD DIVISION
WEST HARTFORD, CONNECTICUT 06108

PART NAME: PUMP-ORIENTATION OIL

ITEM NO: P-5715

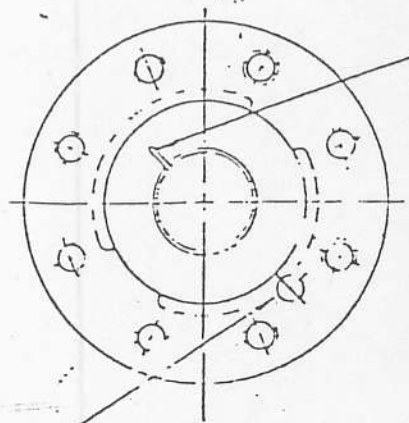
SCALE	DATE	BY	CHECKED
	12/15	WVC	
SUPERSEDES		DATE	
BS-AP3		12/15	

BS-AP3260

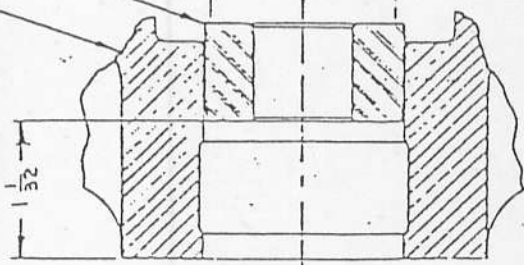
REF: BS-TM65

FOR DIMENSIONS & BIG 4 MACHINES

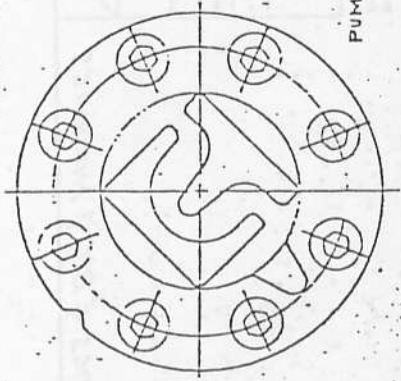
PUMP COVER VENT HOLE MUST LINE UP WITH VENT HOLE IN HOUSING



LOCATE GROOVE IN PUMPING I.D. (IF PRESENT) AS SHOWN

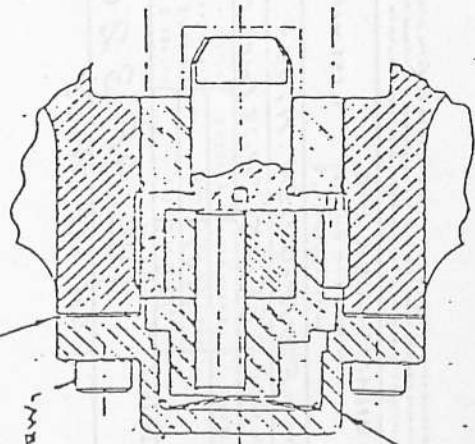


HOUSING
BUSHING



COVER SCREWS

PUMP



- 1- PRESS BUSHING (DUST) INTO HOUSING IN DIRECTION SHOWN, AND TO DIMENSION SHOWN
- 2- ASSEMBLE PUMP (PMP05) WITH .013 THICK GASKET (GKT 114) AS SHOWN

3- INSERT & TIGHTEN (B) COVER SCREWS TO 6 FT.LBS. TORQUE

4- PRESS BUSHING. ADDITIONAL DISTANCE TO OBTAIN .003 END CLEARANCE OF ASSEMBLY

- 5- REMOVE COVER SCREWS, COVER & GASKET.
- 6- REMOVE .013 THICK GASKET (GKT 114) FROM COVER REGISTER & APPLY .015 THICK GASKET. (GKT 113)
- 7- RE-ASSEMBLE PUMP (PMP05A)
- 8- INSERT & TIGHTEN (B) COVER SCREWS TO 6 FT.LBS. TORQUE
- 9- RESULTANT END CLEARANCE TO BE .0015±.0005

BAUMER DIVISION DUNHAM-BUSH, INC. WILT BRIDGE, CONN. U.S.A.

THIS DRAWING SUPERSEDES DRAWING NO. B5-AP 2226

PART NAME PUMP HOUSING ASSEMBLY

DATE 5-8-62 DESIGNED BY K.C. CHECKED BY J.S. DATE 1/1

USED ON PMP05A-TUTHILL ASSEMBLY

B5-AP 2226-1

100% MADE ON ORIGINAL DIMENSIONS ± .01
 50% TOLERANCE ON ORIGINAL DIMENSIONS ± .015
 TOLERANCE ON ANGLE ± 1° UNLESS OTHERWISE SPECIFIED

DATE	ENG. NO.	REV. NO.	CHANGES
2-25-70	15129	1	REVISED & REDRAWN