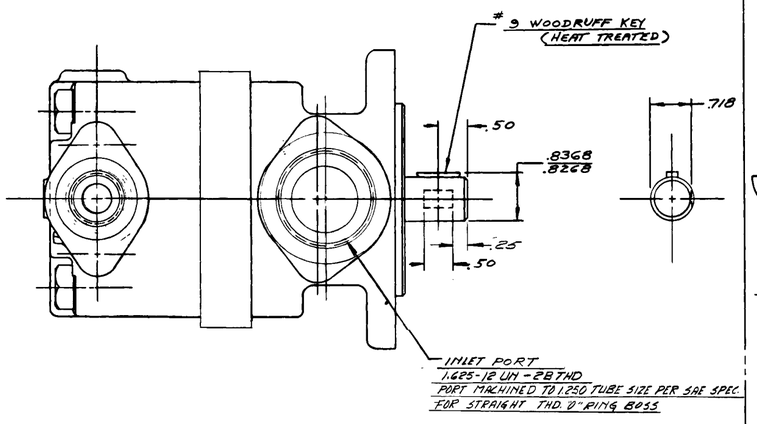
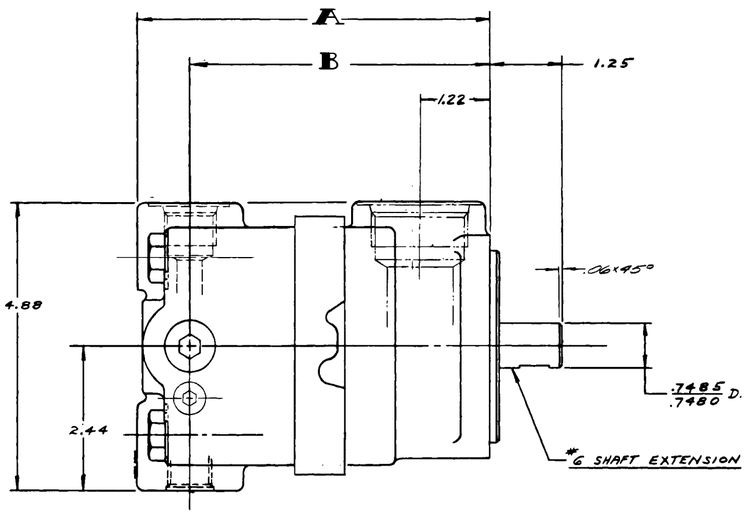
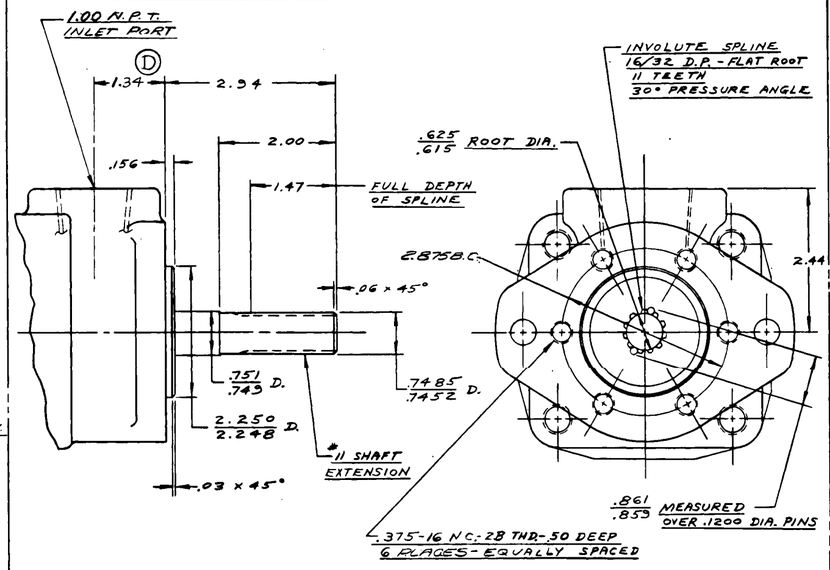
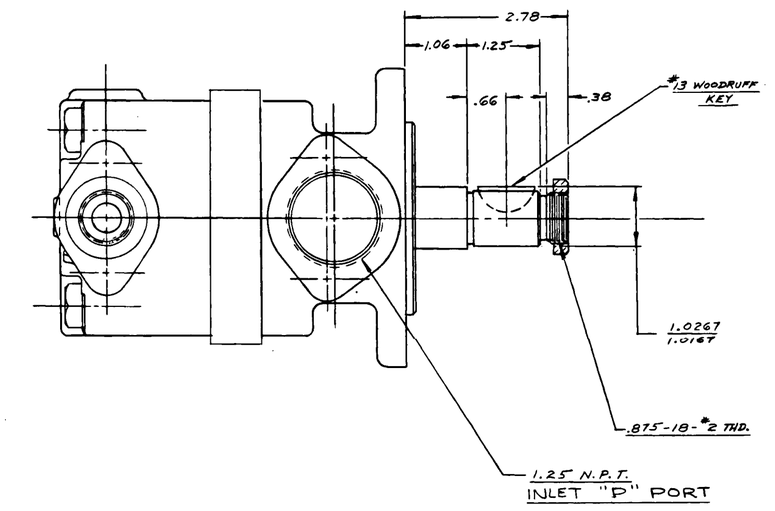
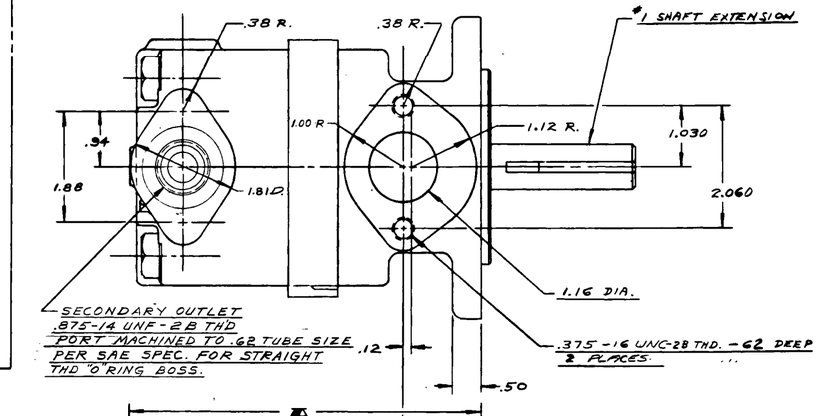


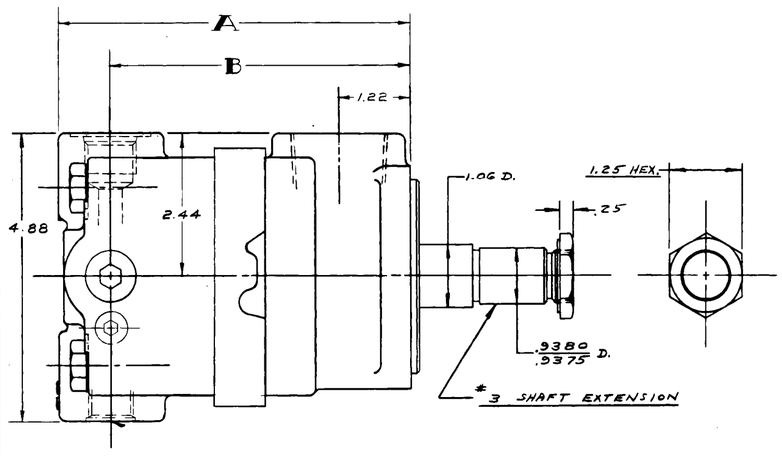


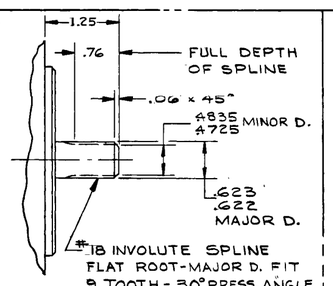


#4 FACE MOUNTING



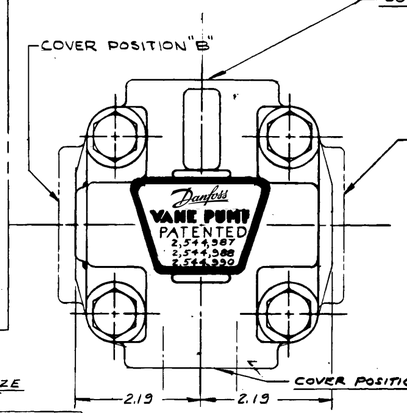




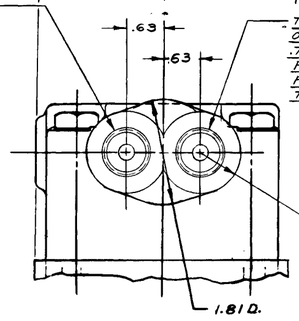


#18 INVOLUTE SPLINE
FLAT ROOT-MAJOR D. FIT
9 TOOTH - 30° PRESS. ANGLE
16/32 DIAMETRAL PITCH - .5625 P.D.
.5049 T.I.F. DIA. MAX.
.7310 / .7290 DIA. MEASURED OVER .1200 D. PINS
CIRCLILAR TOOTH THICKNESS:
MAX. EFFECTIVE - .0967
MIN. ACTUAL - .0941

NOTE:
OPTIONAL COVER POSITIONS ARE DESIGNATED BY LOCATING THE V20P PRIMARY OUTLET PORT WITH RESPECT TO INLET PORT AS SHOWN

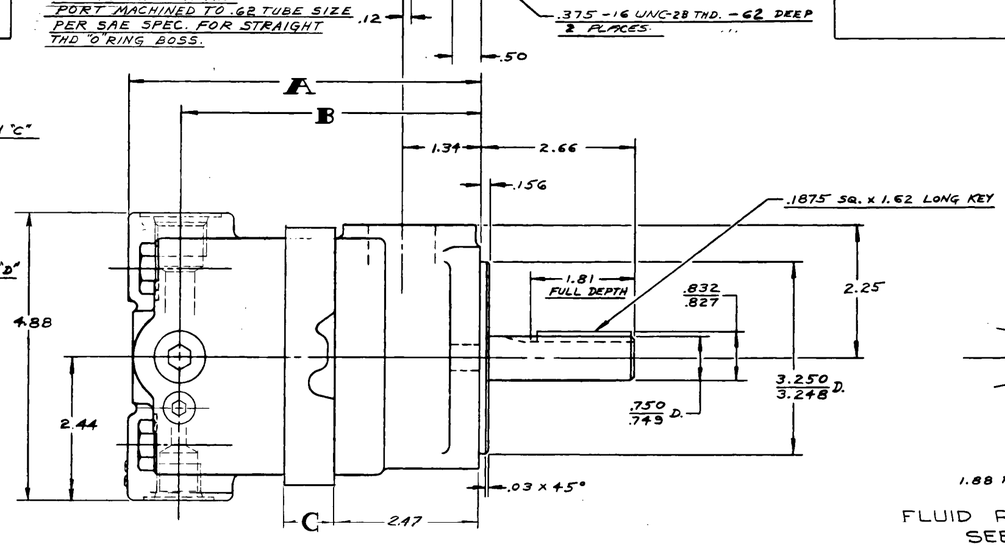


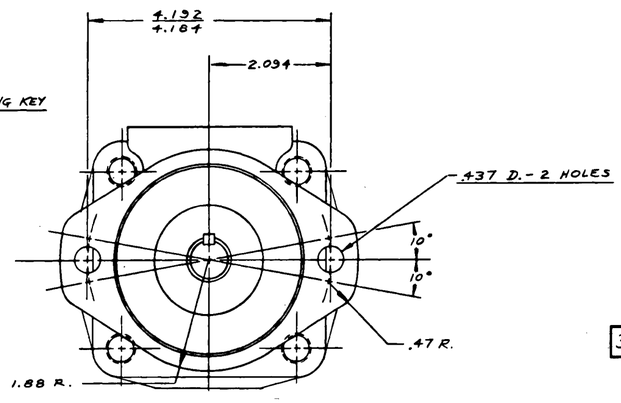
PRIMARY OUTLET PORT .750-16 UNF.-2B THD. PORT MACHINED TO .50 TUBE SIZE PER SAE SPEC. FOR STRAIGHT THREAD "O" RING BOSS



AVAILABLE FLOW RATES FROM PRIMARY OUTLET PORT

NOMINAL G.P.M.
2
2.5
3
4
6
8





FOR MODEL V20P-****-****10 (RINGS)					
DELIVERY G.P.M. @ 1200 R.P.M. & 100 P.S.I.	A	B	C	MAX. R.P.M.	MAX. P.S.I.
6	5.89	4.95	.615	3400	2500
7	6.14	5.20	.865	3000	2500
8	6.14	5.20	.865	2800	2500
9	6.14	5.20	.865	2800	2500
11	6.34	5.39	1.062	2500	2500
12	6.47	5.53	1.200	2400	2200
13	6.47	5.53	1.200	2400	2200

FLUID RECOMMENDATIONS:
SEE REFERENCE DATA SHEET M-2950-S

MODEL DESIGNATION-V20P-****-****10 REFER TO DANFOSS MASTER MODEL CODE

NORMAL ROTATION IS CLOCKWISE. FOR COUNTER-CLOCKWISE ROTATION ADD SUFFIX "L" TO MODEL NO.

FOR THIS HIGH PERFORMANCE PRODUCT TO QUALIFY UNDER DANFOSS WARRANTY, IT IS TO BE USED ONLY IN CIRCUITS THAT ARE INITIALLY AND CONTINUOUSLY FILTERED TO 25 MICRONS OR LESS.

308319 D

ZONE	REVISION	DATE
3D	D 1.34 WAS 1.22 (2 PL.)	23 NOV 82 APP. 7-18-83
C	REV & REDRAWN	7-18-83

MODEL	V20P-****-****10
NO.	256720
DRAWN	Weimert 2/23/65
CHK.	AH 4-23-65
T.S. ENG.	AH 4-23-65
PROG. NO.	B-B356-024-135
QUOTATION NO.	DATE
APP.	AH 4-23-65
APP.	DATE
TITLE	INSTALLATION-PRIORITY VALVE-PUMP
HEAT TREATMENT	
MATERIAL	
SCALE	FULL SIZE
SIZE	E 308319

Danfoss

AE W SHBT V 20