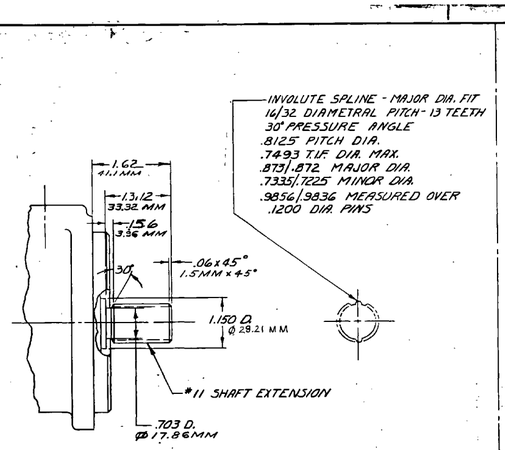
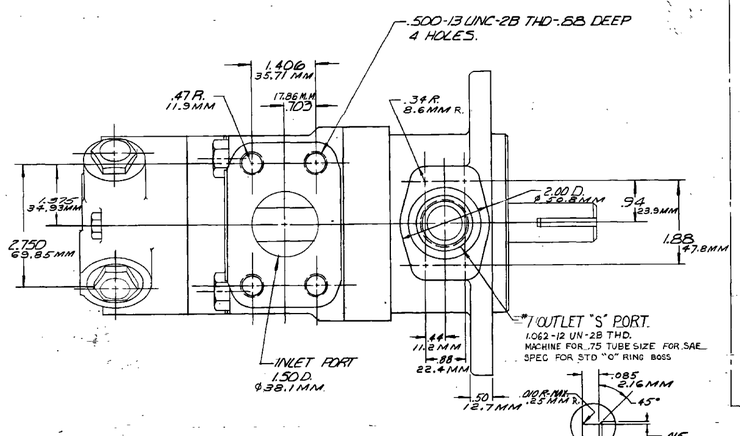
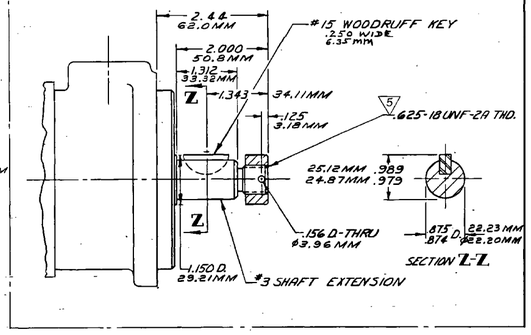
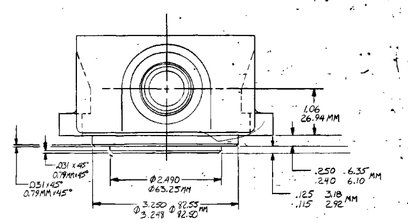
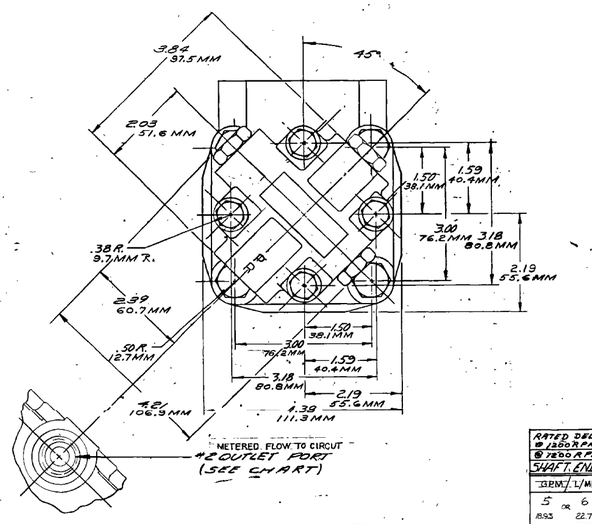
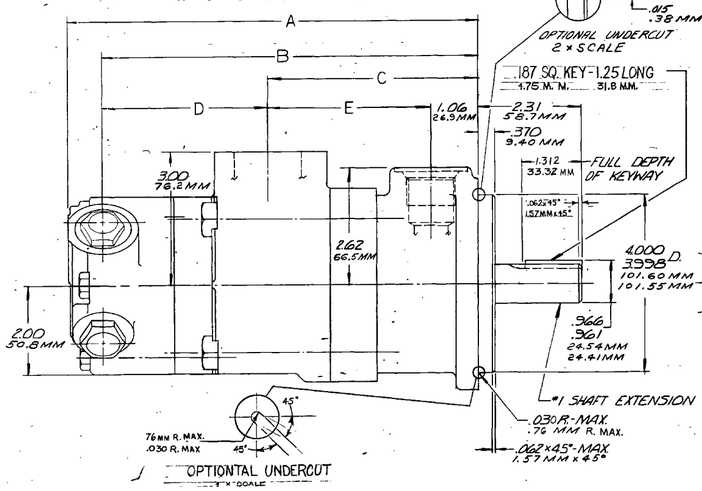


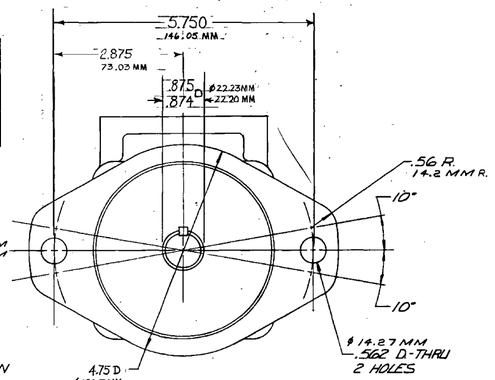


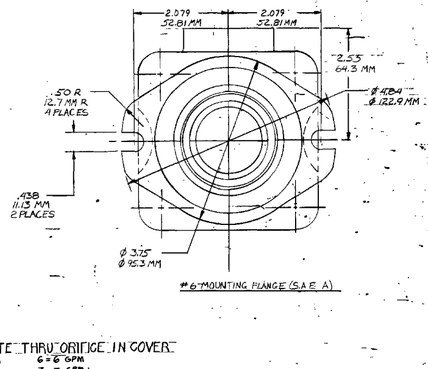












NOMINAL GPM	L / MIN
2	7.57
3	11.36
4	15.14
5	18.93
6	22.71
7	26.50
8	30.28
10	37.85

RATED DELIVERY G.P.M. @ 1200 R.P.M. (1000 PSI @ 1500 R.P.M. (68 BAR)		DIMENSION					MAX. R.P.M.	MAX. P.S.I. MAX. BAR	
SHAFT END	COVER END	A	B	C	D	E		SHAFT END	COVER END
GPM / L/MIN	GPM / L/MIN								
5 OR 6 / 18.93 22.71	1 / 3.79	8.65 / 219.7	7.89 / 200.4	4.21 / 106.9	3.68 / 93.5	3.15 / 80.0	2800	2500 / 172.369	2500 / 172.369
7 OR 8 OR 9 / 26.50 30.28 34.07	2 / 7.57	8.90 / 226.1MM	8.14 / 206.8MM	4.46 / 113.3 MM	3.68 / 93.5 MM	3.40 / 86.4 MM	2800	2500 / 172.369	2500 / 172.369
10 OR 11 / 37.85 41.64	3 / 11.36	9.09 / 230.9MM	8.33 / 211.6 MM	4.65 / 118.1 MM	3.68 / 93.5 MM	3.59 / 91.2 MM	2500	2500 / 172.369	2500 / 172.369
12 / 45.42	4 / 15.14	9.48 / 240.8 MM	8.72 / 221.5 MM	4.79 / 121.7 MM	3.93 / 99.8 MM	3.73 / 94.7 MM	2400	2200 / 151.685	2500 / 172.369
13 / 49.21	5 / 18.93	9.48 / 240.8MM	8.72 / 221.5MM	4.79 / 121.7MM	3.93 / 99.8 MM	3.73 / 94.7MM	2400	2200 / 151.685	2500 / 172.369
9 / 34.07	6 / 22.71	9.35 / 237.5 MM	8.59 / 218.2 MM	4.46 / 113.3 MM	4.13 / 104.9 MM	3.40 / 86.4 MM	2800	2500 / 172.369	2200 / 151.685
11 / 41.64	7 / 26.50	9.54 / 242.3 MM	8.78 / 223.0 MM	4.65 / 118.1 MM	4.13 / 104.9 MM	3.59 / 91.2 MM	2500	2500 / 172.369	2000 / 137.895
13 / 49.21	7 / 26.50	9.68 / 245.9 MM	8.92 / 226.6 MM	4.79 / 121.7 MM	4.13 / 104.9 MM	3.73 / 94.7 MM	2400	2200 / 151.685	2000 / 137.895

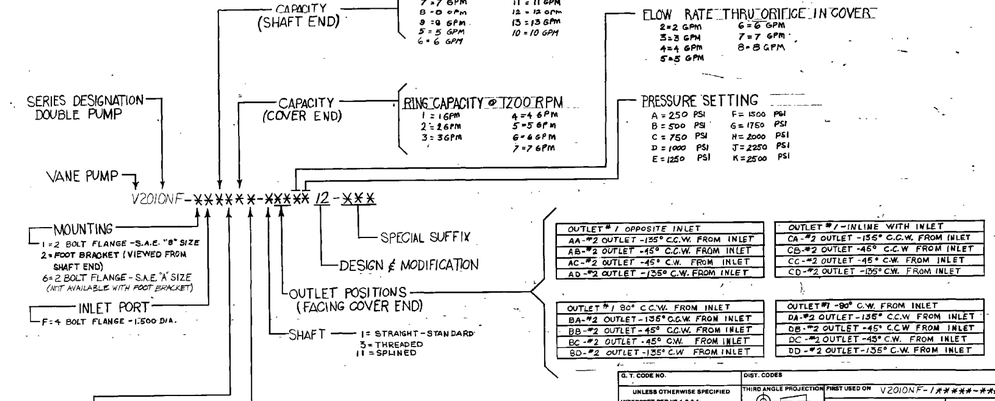
CODE	#2 OUTLET PORT
T	.750-16 STR. THD.

CODE	#1 OUTLET PORT
S	1.062-12UN-2B THD
B	G ¾ BSP THD.
P	.750-14 NPT

CODE	#2 OUTLET PORT
T	.750-16 STR THD.

5 SHAFT NUT TORQUE RECOMMENDED 90-100 LB.FT, 110 LB.FT. MAXIMUM.

4. FOR THIS HIGH PERFORMANCE PRODUCT TO QUALIFY UNDER DANFOSS WARRANTY, IT IS TO BE USED IN CIRCUITS INITIALLY & CONTINUOUSLY FILTERED TO 25 MICRONS OR LESS.
3. NORMAL ROTATION* IS CLOCKWISE FOR COUNTERCLOCKWISE ROTATION ADD SUFFIX "L" TO MODEL NO. EXAMPLE V2010F-1***-**-*****12L.
2. OUTLET PORTS CAN BE POSITIONED IN ANY ONE OF FOUR POSITIONS, AS INDICATED IN MODEL NO.
1. FOR OIL RECOMMENDATIONS REFER TO MOBILE HYDRAULIC FLUID RECOMMENDATION M-2950-3.



OUTLET #1 OPPOSITE INLET	OUTLET #1 - INLINE WITH INLET
AA - #2 OUTLET - 135° C.C.W. FROM INLET	CA - #2 OUTLET - 135° C.C.W. FROM INLET
AB - #2 OUTLET - 45° C.C.W. FROM INLET	CB - #2 OUTLET - 45° C.C.W. FROM INLET
AC - #2 OUTLET - 45° C.W. FROM INLET	CC - #2 OUTLET - 45° C.W. FROM INLET
AD - #2 OUTLET - 135° C.W. FROM INLET	CD - #2 OUTLET - 135° C.W. FROM INLET
OUTLET #1 90° C.C.W. FROM INLET	**OUTLET #1 - 90° C.W. FROM INLET**
BA - #2 OUTLET - 135° C.C.W. FROM INLET	DA - #2 OUTLET - 135° C.C.W. FROM INLET
BB - #2 OUTLET - 45° C.C.W. FROM INLET	DB - #2 OUTLET - 45° C.C.W. FROM INLET
BC - #2 OUTLET - 45° C.W. FROM INLET	DC - #2 OUTLET - 45° C.W. FROM INLET
BD - #2 OUTLET - 135° C.W. FROM INLET	DD - #2 OUTLET - 135° C.W. FROM INLET

REVISIONS				
ZONE	REV	DESCRIPTION	DATE	APPROVED

02-142990

G. T. CODE NO.		DIST. CODES	/AE/O
UNLESS OTHERWISE SPECIFIED		THIRD ANGLE PROJECTION	FIRST USED ON V2010F-1*****-*****12
INTERPRET PER ANSI Y14.5-1			REV. 0-02
SURFACE ROUGHNESS 3.2 µm (125 µin)		MATERIAL	DES. B49849
TOLERANCES ON DECIMALS			DRN. J. ERICSON 18 NOV 91
1 PLACE ±0.8	2 PLACE ±0.33	HEAT TREATMENT	CHK. J. CROWLEY 21 NOV 91
3 PLACE ±.03	ANGLES ±.010	COATING/PLATING	MFG. REV.
REMOVE BURRS			T.O.
BREAK EDGES 0.25mm (.010 in) MAX.			PROTO
			PROD.
			ENG'RG. APPVL. 26 NOV 91

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Danfoss

TITLE: INSTALLATION - DOUBLE VANE PUMP WITH FLOW CONTROL (INTERNAL DRAIN)

SIZE A1 | FSCM NO. | DRAWING NO. 02-142990 | REV.

SCALE 1/1 | WT. | ACTL. CALC. | SHEET 1 of 1

05-145020

02-142990