MATERIAL 材料	APPROVED 承認	PRODUCT CODE 製品コード	JOB NO. 整番号	RULE 規格
MASS 質量 計算値 190 kg	CHECKED 1 検図 –			
SCALE 尺度 1/1	CHECKED 2 検図2 –			
3 RD ANGLE 3角法 PROJECTION	CHECKED 3 検図3	外 形 寸 法 図		
DATE 作成日 May.16,'97	DRAWN 製図 M.T	PART NO. 品名番号 K3VG280-10RSV (81)	DWG NO. 図番号 K3VG280-10RSJV (81)	
		INSTALLATION DIMENSIONS		
		K3VG280-10※R(H)(S)V1077 1N77		

出図先

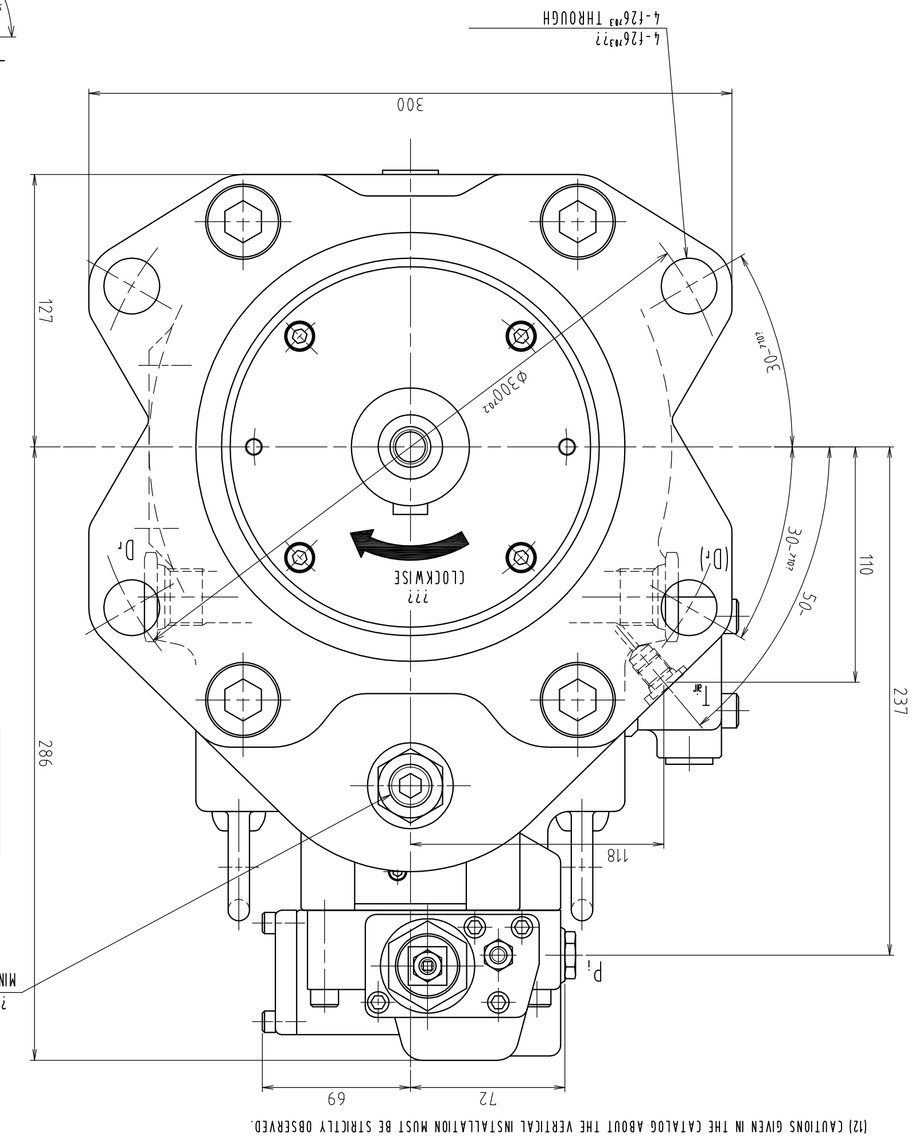
改訂

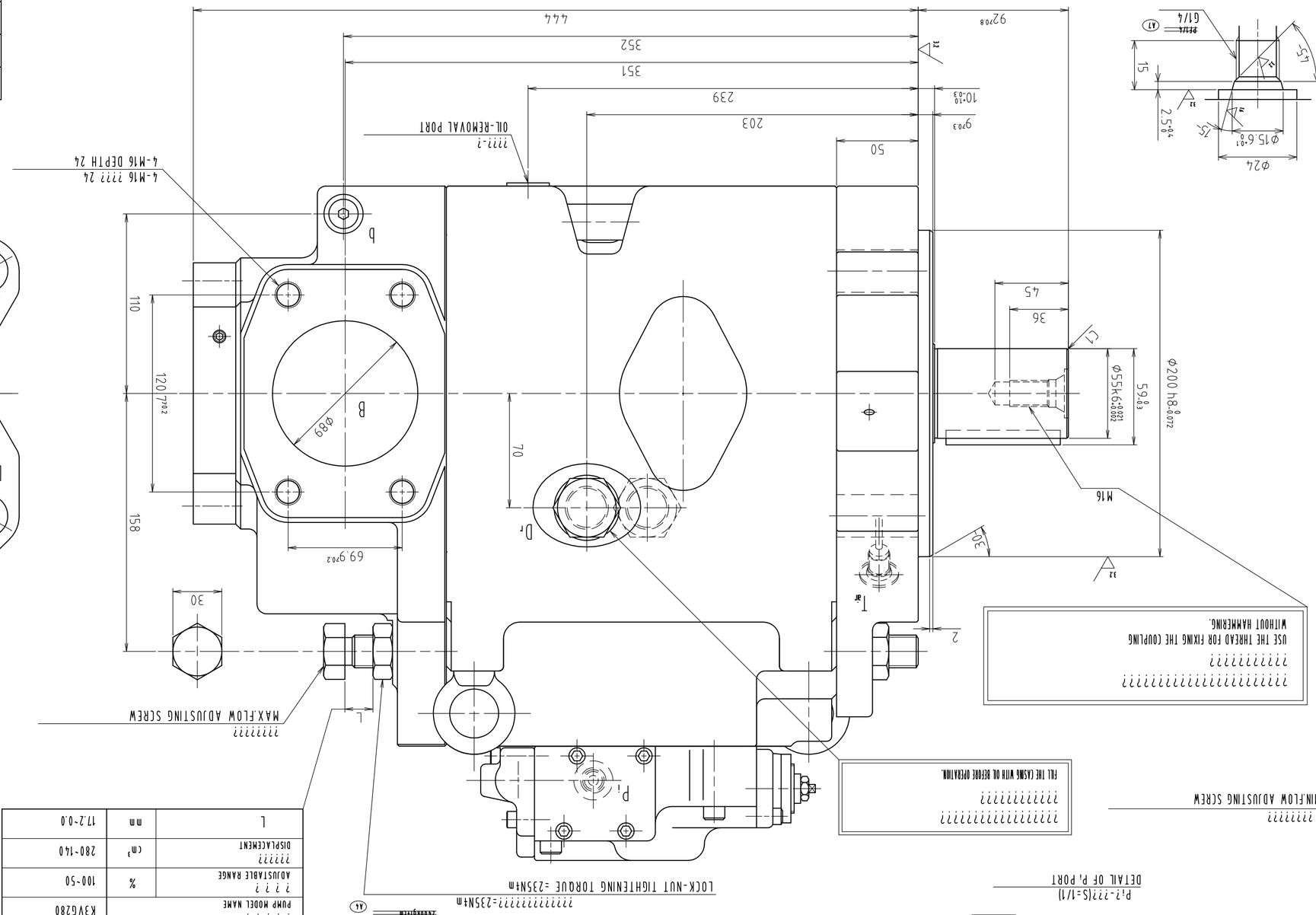
	P.T.O. PORT NAME	P.T.O. PORT SIZE	TIGHTENING TORQUE (44)
A	DELIVERY PORT	SAE6000 psi 1 1/2"	COVERED WITH TAPE
B	SUCTION PORT	SAE2000 psi 3 1/2"	COVERED WITH TAPE
D,	DRAIN PORT	G 3/4-20 (39)	ATTACHED WITH A STEEL PLUG 170 (43)
P1	PILOT PORT	G 1/4-15 (38)	ATTACHED WITH A STEEL PLUG 36 (48)
a,b	GUAGE PORT	G 1/4-15 (38)	ATTACHED WITH A STEEL PLUG 36 (49)
T (40)	AIR BLEEDER PORT	G 1/4-15 (38)	ATTACHED WITH A STEEL PLUG 36 (46)

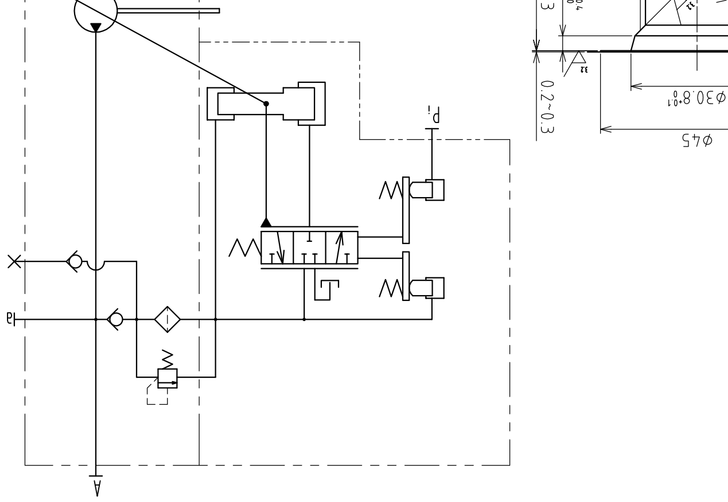
(1) (3) 0.1 MPa {2 kgf/cm²} (82) 0.4 MPa {6 kgf/cm²} (85) -0.01MPa{-0.1kgf/cm²} (4) (5) (6) (7) NAS9 (8) 150 100 (9) 10 (10) -20~80℃ (11) 3 U 306 (12)

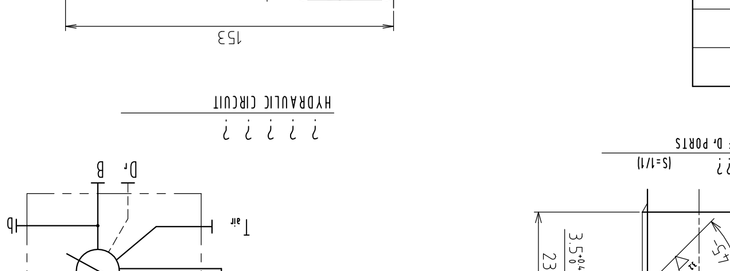
NOTES ON MOUNTING AND OPERATION

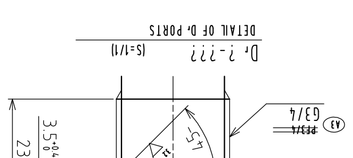
(1) THE PUMP SHAFT AND FLANGE SURFACES SHOULD BE CLEANED FOR REMOVING AN ANTI-RUST MATERIAL)
(2) THE DRAIN PIPING SHOULD BE SO CONNECTED AS TO KEEP THE CASING FILLED WITH OIL.
(83)(3) KEEP THE CASING PRESSURE BELOW 0.1 MPa {2 kgf/cm²} NORMALLY, AND BELOW 0.4 MPa {6 kgf/cm²} AT ITS PEAK.
(4) BE CAREFUL SO THAT THE DRAIN PIPING LED INTO THE OILTANK IS KEPT BELOW THE SURFACE OF THE OILLID PREVENT AARATION.
(85)(5) BE CAREFUL SO THAT THE SUCTION PRESSURE IN THE SUCTION FLANGE IS KEPT ABOVE -0.01MPa {-0.1 kgf/cm²} NORMALLY.
(6) MINERAL ANTIWEAR TYPE HYDRAULIC OIL SHOULD BE USED.
(7) FOR SATISFACTORY SERVICE LFE OF THE PUMP IN APPLICATION,THE OPERATING FLUID SHOULD BE CONTINUOUSLY FILTERED TO A MINIMUM CLEANLINESS LEVEL OF NAS16 CLASS 9.
(8) PROVIDE A 150 MESH (100㎛) STRAINER IN THE SUCTION LINE.
(9) INSTALL A 10㎛ FILTER IN THE RETURN LINE.
(10) ALLOWABLE OIL TEMPERATURE RANGE : -20~80℃
(11) WHEN USING AN ATTACHED FLANGE FOR THE SUCTION FLANGE,THE SIZE OF THE STEEL PIPE IS 3B U-FFOE (ITS SIZE IS DIFFERENT FROM THE SUCTION PORT SIZE).
(12) CAUTIONS GIVEN IN THE CATALOG ABOUT THE VERTICAL INSTALLATION MUST BE STRICTLY OBSERVED.

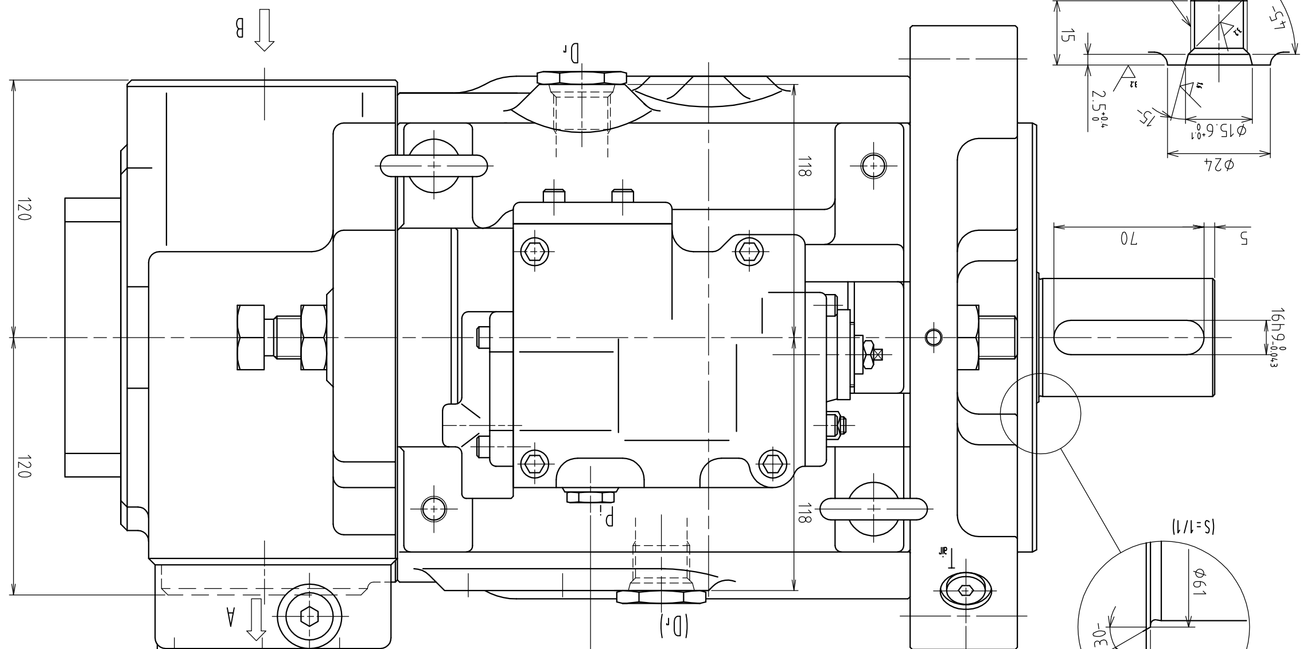












PUMP MODEL NAME		K3VG280	
DISPLACEMENT	cm³	280	
RATED SPEED	min⁻¹	1200 (CLOCKWISE VIEWED FROM SHAFT END)	
MAX.PRESSURE (RELEF)	MPa {kgf/cm²}	34.3 {350}	(82)
MAX.FLOW RATE	l/min	336	
PUMP MODEL NAME		K3VG280-10?R V (H) (S) 1077 1N77	(83)

OPERATING SPECIFICATIONS

PUMP MODEL NAME		K3VG280
ADJUSTABLE RANGE	%	100-50
DISPLACEMENT	cm³	280-140

L	mm	17.2-0.0

仕上 No.	改 R	履 歴	年月日	名前	承認	作図	検図	検図	検図	材質	名称
図面承認											
125s (▽ .50 RB 当)											
32s (▽▽ .12.52 RB 当)											
08s (▽▽▽ .3.22 RB 当)											
02s (▽▽▽▽ .0.82 RB 当)											
3 ラ 角 度 JIS 2 級											

A4サイズ SI寸法 2002.05.29 ??, ??,
Ⓑ X8 型式追加. 他. 2004.02.16