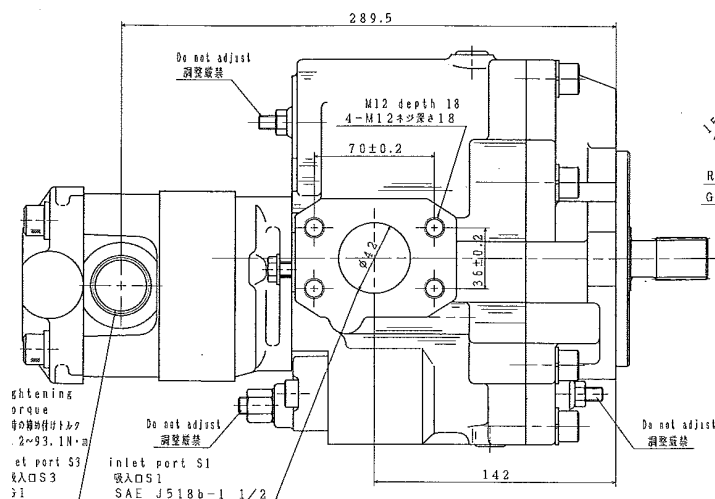
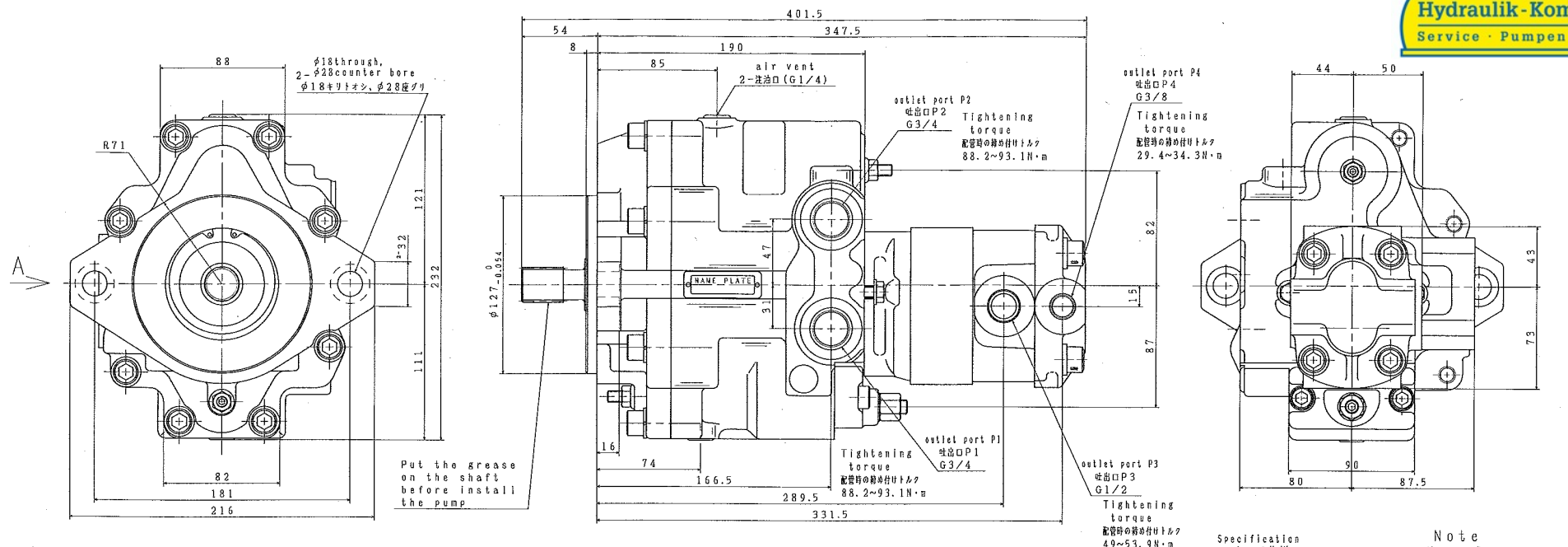
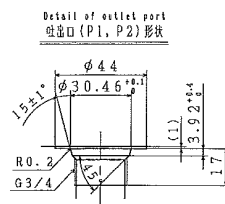
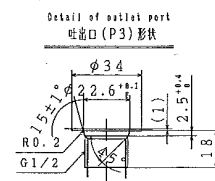




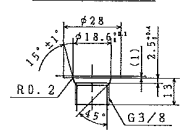
View A
矢視 A



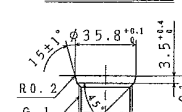
Detail of shaft
シャフト軸形状



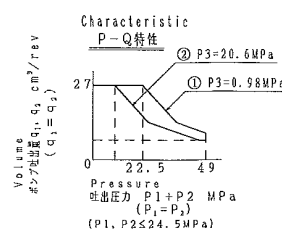
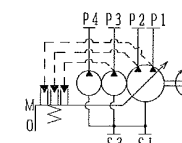
Detail of outlet port
吐出口 (P4) 形状



Detail of inlet port
吸入口(S3)形扶



Hydraulic symbol
油压記号



Pump torque is
less than $166 \text{ N}\cdot\text{m}$

インボリュートスプライン記号 Involute spline
$\Phi, 16/32, \alpha = 30^\circ, Z = 15$
歯先円直径 tip cylinder $\phi 25.1$
ピッチ円直径 pitch circle $\phi 23.813$
歯根円直径 root cylinder $\phi 21.806$
FLAT ROOT SIDE FIT

9N-m	Specification ボンプ仕様	Note 注 記	
		使用油	Anti-leak hydraulic fluid ISO VG 32, 46, 68
ボンプ容量 Volume	27+27+18, 1.4, 5cm ³ /rev (P1+P2+P3+P4)	流量範囲 Flowrate range	150~800°C
最高圧力 Max Pressure	P1: 24.5MPa [250KG/cm ²] P2: 24.5MPa [250KG/cm ²] P3: 20.6MPa [210KG/cm ²] P4: 3.9MPa [40KG/cm ²]	粘度範囲 Viscosity range	10~1000mm ² /s
		作動油汚染度 Contamination	NAS 11級以内 within NAS grade 11
		フィルタ Filter	150 mesh
サージ圧力 Peak Pressure	P+(Max Pressure)X1.1BT There is a possibility that the pump breaks if the over peak pressure apply.	ラインフィルタ Return line filter	10 μm
回転数 Drive speed	2200min ⁻¹ (定格) Rated 2300min ⁻¹ (最高) Max	振動 Vibration	98m/s ² [10G] 以内 within 98m/s ²
可変制御機構 Control type	全電力制御 (P1+P2+P3) Constant torque ① P1+P2, P3=0.58MPa [10KG/cm ²] ② P1+P2, P3=20.6MPa [210KG/cm ²]	吸入口圧力 Suction pressure	-0.02~+0.4MPa [-0.2~+4.0KG/cm ²] (吸込管長 2m/s 以内) Flow speed at suction port within 2m/sec
回転方向 Rotation direction	右回転 Clockwise	P3, P4ポンプ P3, P4 Pump	ギヤポンプ Gear Pump
質量 Weight	13.5KG	注油 Oil supply	ポンプ始動前、満満な作動油 をタンクケース内へ注入し Before first starting, fill pump case with clean oil
塗装色 Finish painting	緑・黒塗装 (赤) Rust paint (RED)	騒音 noise	40dB以内 (計測値) Over 50dBers (acceleration)
		その他 Others	本ポンプは、日本規格 (JIS) 準 This pump is steel VRL seal. クランク油室はポンプより高出に なして The oil surface in the tank has to higher position against the

ZC55用 量産図

序号	设计变更记录	年月日	图号	备注	名称	数量	单位	备注
1	设计变更	2004.3.30	1-1	1	1	1	1	1
2	NOT	2004.3.30	1-1	1	1	1	1	1
3	NOT	2004.3.30	1-1	1	1	1	1	1
4	NOT	2004.3.30	1-1	1	1	1	1	1
5	NOT	2004.3.30	1-1	1	1	1	1	1
6	NOT	2004.3.30	1-1	1	1	1	1	1
7	NOT	2004.3.30	1-1	1	1	1	1	1
8	NOT	2004.3.30	1-1	1	1	1	1	1
9	NOT	2004.3.30	1-1	1	1	1	1	1
10	NOT	2004.3.30	1-1	1	1	1	1	1
11	NOT	2004.3.30	1-1	1	1	1	1	1
12	NOT	2004.3.30	1-1	1	1	1	1	1
13	NOT	2004.3.30	1-1	1	1	1	1	1
14	NOT	2004.3.30	1-1	1	1	1	1	1
15	NOT	2004.3.30	1-1	1	1	1	1	1
16	NOT	2004.3.30	1-1	1	1	1	1	1
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19	NOT	2004.3.30	1-1	1	1	1	1	1
20	NOT	2004.3.30	1-1	1	1	1	1	1
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22	NOT	2004.3.30	1-1	1	1	1	1	1
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26	NOT	2004.3.30	1-1	1	1	1	1	1
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49	NOT	2004.3.30	1-1	1	1	1	1	1
50	NOT	2004.3.30	1-1	1	1	1	1	1