

# TOYOTA

**2Z-N**

**Application: Forklift**

**Number of Cylinders 4**

**Cylinder dia. 98.0 MM**

**Swept volume 3469 ccm**



KoyuTech Piston kit-Sets		Piston Rings		Cylinder liner
Piston:		OEM NO. 13011-78700 NPR:SDT10-179ZZ		KoyuTech NO. OEM NO. 11461-78400
Piston-kit:		<b>OEM Ring Groove</b>	<b>SIZE</b>	<b>Liner&amp;Sleeve</b>
OEM NO. 13101-78701		Top: 2.0	STD	In Diameter: 98.0
		2nd: 2.0	0.50	Out Diameter: 101.0
		Oil : 4.0		Total length: 181.5
				Flange: 107.0*5.0
				Sleeve:98*101*181L
Piston	SIZE	K.T Ring Groove	SIZE	Engine Valve
Comp:50.0	STD	Top:		KoyuTech NO.
Height:-17.5	0.50	2nd:		V1001100
Length:88.0		Oil :		OEM NO.
Top shape:∅ 52.5				13711-78300
Direct injection				IN 42.0 9 122.0
Pin: 32				
Length: 77				
<b>Liner kit</b>		<b>Engine Bearing</b>		KoyuTech NO.
KoyuTech NO.		MAIN:		V1101100
		11701-78700		OEM NO.
		CON.ROD:		13715-78300
		13281-68020		EX 35.0 9 122.0
		T/W:		
		11011-78300		<b>Valve seat</b>
		C/B:		KoyuTech NO.
		BUSH:		IN A18V1B050X
				EX A18V1B051X
<b>REMARK:</b>		<b>Cylinder Head</b>		<b>Valve guide / Sub Parts</b>
		Gasket:		Guide:VGTO-22
		Overhauling Gasket:		Seal:
				Water pump: