

FUEL INJECTION PUMP SERVICE DATA

Issued Date **05-Jul-00**
 ID code **WK67**
 Series **CL**

Pump Assy Number **729051-51350**

Model **3TNE88-RBS1**

Injection Timing

Rotating Direction **C.W (Viewed from drive end)**
 Injection Order **1 - 2 - 3**
 Injection Interval **120 ± 0.5**

Plunger Diameter (mm) **8.0**
 Plunger Pre-stroke (mm) **2.5**
 Plunger Top Clearance (mm) **1 ± 0.05**
 Delivery valve **30 / 0.15**
 Retraction Volume / Collar cut (mm³/mm)

Calibration Standard

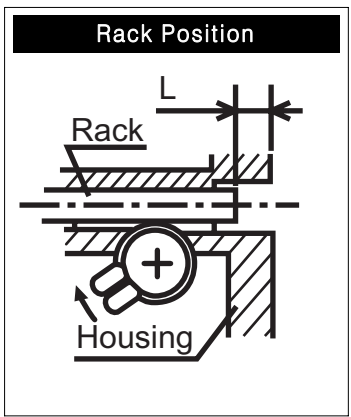
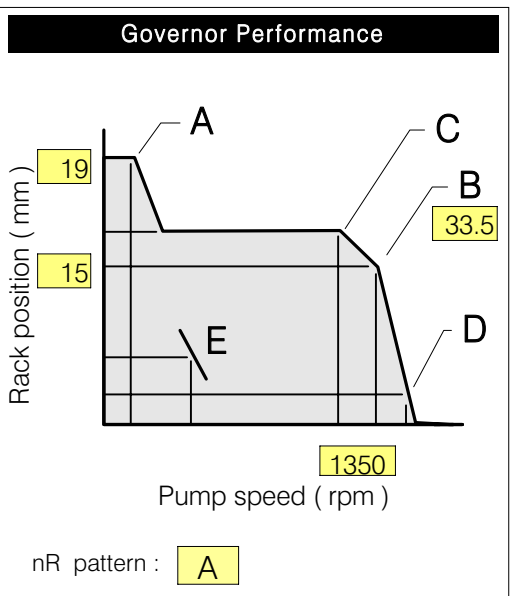
Nozzle Part Number
 Nozzle Type Hole Spec.
 Nozzle Opening Pressure (MPa)
 Injection Pipe (OD*ID*L) (mm)
 Test Oil
 Oil Temp. (C)
 Fuel Feed Pressure (MPa)

Engine Spec.
DB
150P 244 HA0
23
6*1.6*360
JIS No.2 Diesel Fuel
40~43
0.03

Service Standard
 -
DN-12SD12
17
6*2*600
SAE J967C Calib.Fluid
40~43
0.03

	Rack Position *1 (mm)	Pump Speed (rpm)	*2 Basis Allowance Variation (mm ³ /st) (±mm ³ /st) (± %)			*2 Basis Allowance Variation (mm ³ /st) (±mm ³ /st) (± %)		
Start (A)	19	200	45	5	20	40	5	20
Rated (B)	15	1350	29.5	0.75	3	33.5	0.75	3
(Torque) (C)	15.4	800	35.5	1.5	5	44	1.5	5
Hi-idle (D)		1430	6.5	0.5	20	2.5	0.5	20
Lo-idle (E)		450	6.5	0.5	20	6.5	0.5	20

Remarks *1: "L" dimension shown in below figure *2: Average Volume



Part Number of Components

Plunger	: 129506-51100 M5
Delivery Valve	: 105300-51300 F1
Governor Sp.	: 171353-61710

SYN	DATE	REVISION