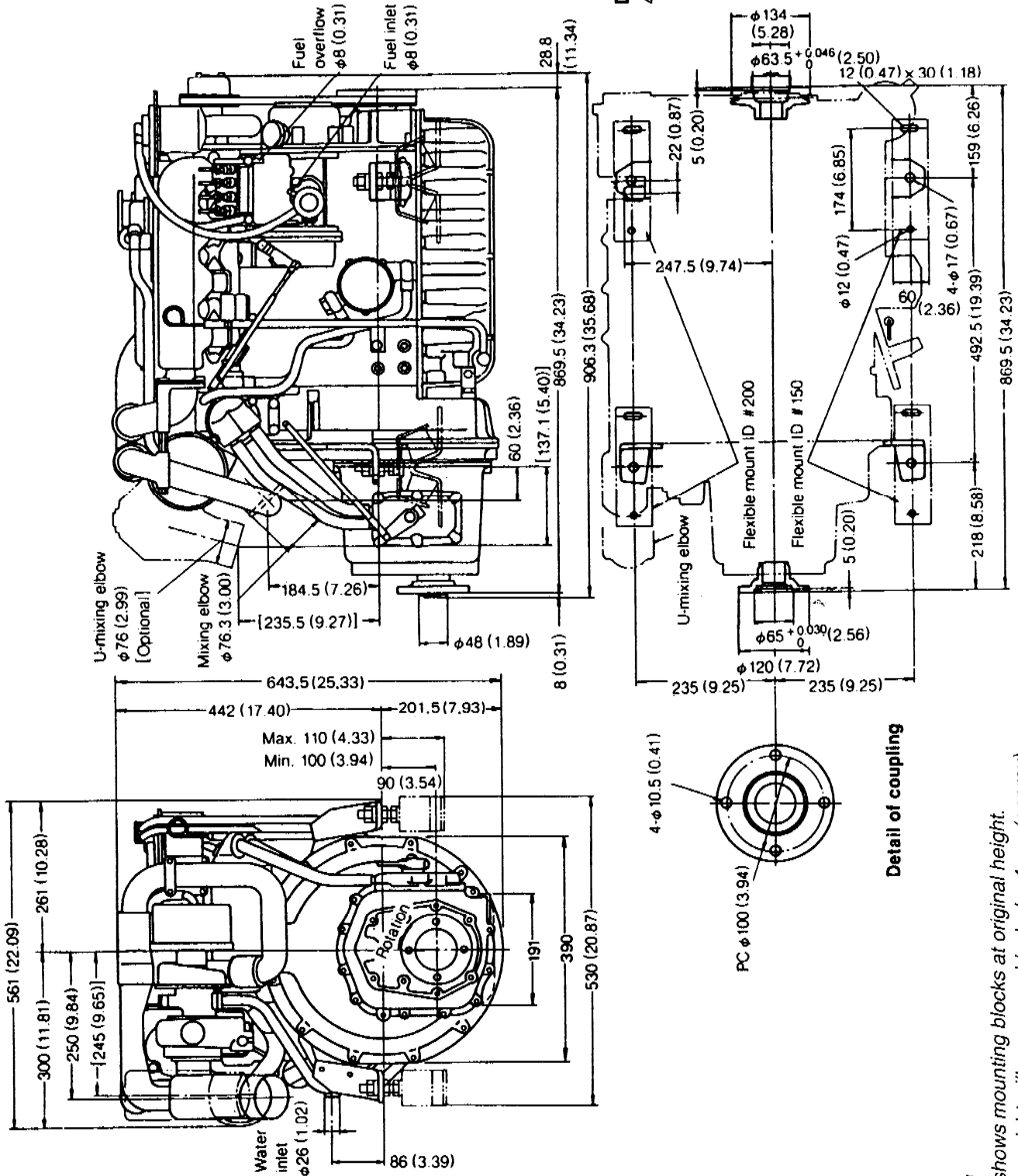


YANMAR 4JH2DTE

Model.	4JH2DT(B)E
Bore x Stroke.	82 X 86mm
Displacement.	1,817 cc.
Configuration.	4 Cylinder, vertical, 4cycle water-cooled diesel engine. Direct injection. With Turbocharger and intercooler.
Sales date app..	1990 - 1998
Dimensions LxWxH mm.	888 X 565 X 643mm
Dry weight.	244Kg (246Kg)
Output: max. / continuous.	88Hp(64,7Kw)/3600Rpm / 80Hp(58,5Kw)/3400Rpm
Cooling System.	Constant high temperature fresh water cooling
Starting System.	Starter: 12V - 1,8Kw Generator: 12V - 55A (LR155-20)
Lubrication system.	Forced lubrication by trochoid pump
Mounting flange No.	SAE 4
Clutch.	Constant mesh, multiple friction disc (KBW21)
Rotation, crankshaft / propel.	Counterclockwise / Clockwise viewed from stern
Fire Order.	1 - 3 - 4 - 2 - 1
Max. Torque.	20,2Kgm/2600Rpm
Fuel Consumption.	Max rpm. 180g/Hp-Hr
Notes:	(B)= Gearbox KM4A downangle 7° Cone type - Birotation
Service Data:	
Engine oil.	7,0L CD - 15W/40
Gear oil.	1,2L ATF "A" (KBW21) / 1,3L CD - 15W/40 (KM4A)
Valve clearance (Cold).	Intake: 0,2mm Exhaust: 0,2mm
Fuel Injection Timing.	17° B.T.D.C.
Fuel Injection Pressure.	200+- 5Kg/cm ²
Turbocharger Boost press.	885 - 1035mmHg at max. output
Exhaust gas Temp.	600° C at max. output
Lub. Oil press.	3,5 - 4,5Kgf/cm ² at max. output
Top Clearance / Compression.	0,71 - 0,89mm / 22 - 27Kg/Cm ²
<i>Tightning Torque:*</i>	
Cylinder Head.	8,5Kgm
Bearing Con-Rod.	5,5Kgm
Bearing Main.	11,5Kgm
Flywheel Bolt.	8,0Kgm
Damper disk bolts.	2,6Kgm
Crankshaft V-pulley bolt.	12,0Kgm

3-3-8. 4JH2-DTE × KBW21

Unit: mm (in.)



[Note]
 Dwg. shows mounting blocks at original height.
 Engine weight will compress blocks by 4mm (approx).