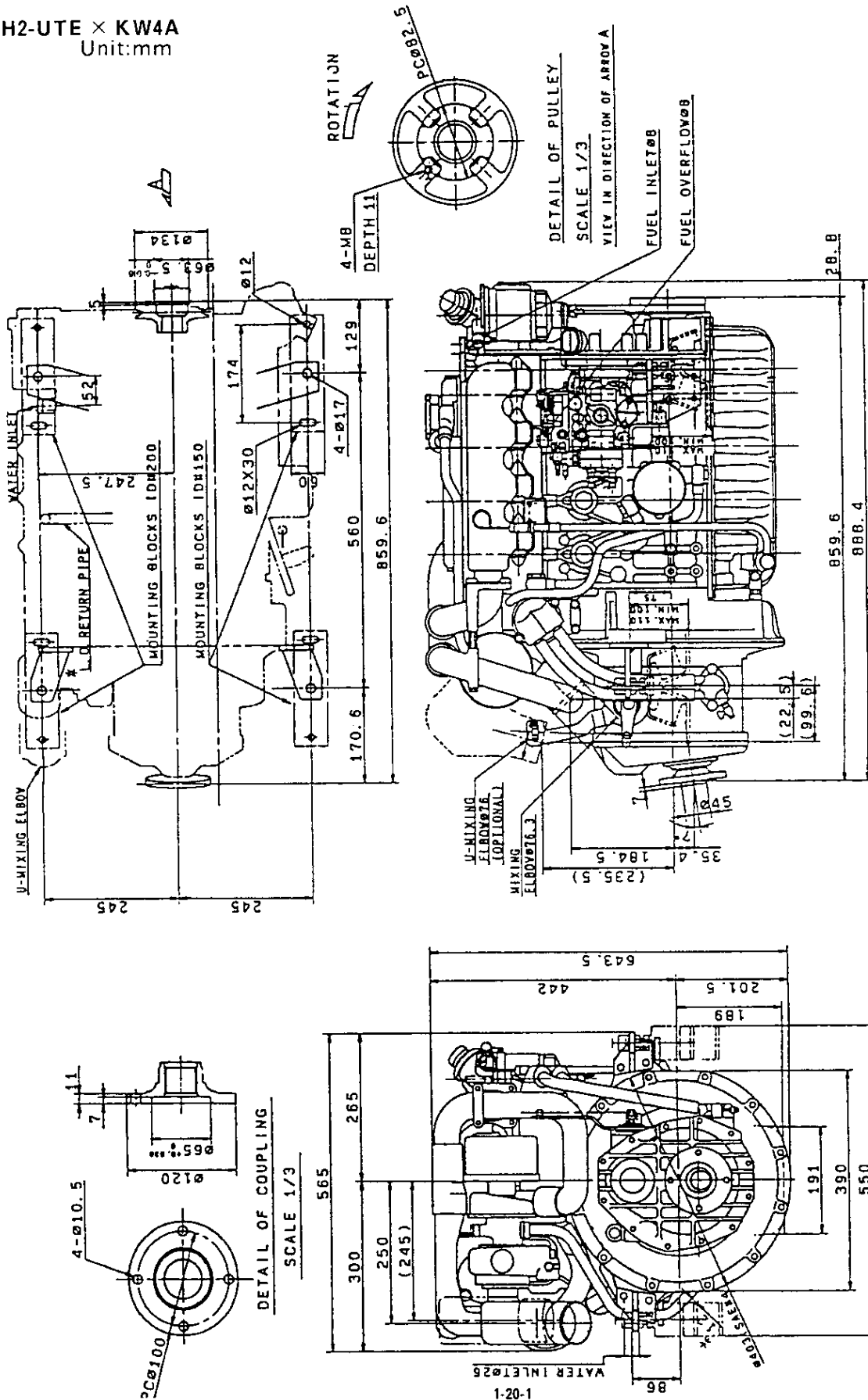


YANMAR 4JH2-UTE

Model.	4JH2UT(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.	100Hp(73,6Kw)/3600Rpm / 91Hp(66,9Kw)/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.	23,2Kgm/2600Rpm
Fuel Consumption.	Max rpm. 175g/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.	870 - 1020mmHg at max. output
Exhaust gas Temp.	630° C at max. output
Lub. Oil press.	3,5 - 4,5Kgf/cm ² at max. output
Top Clearance / Compression.	0,71 - 0,89mm / --
<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

4JH2-UTE × KW4A
Unit:mm



NOTE

1. DVG. SHOWS MOUNTING BLOCKS AT ORIGINAL HEIGHT. ENGINE WEIGHT WILL COMPRESS BLOCKS BY 4MM (APPROX).
2. WHEN DESIGNING ENGINE BED, CONSIDER THE CLEARANCE BETWEEN I. O. RETURN PIPE AND ENGINE BED. SHOWN BY 1. THE FIGURE 12MM SHOWS CLEARANCE AT THE MIDDLE HEIGHT OF MOUNTING BLOCKS. AND MINIMUM CLEARANCE IS 8MM.