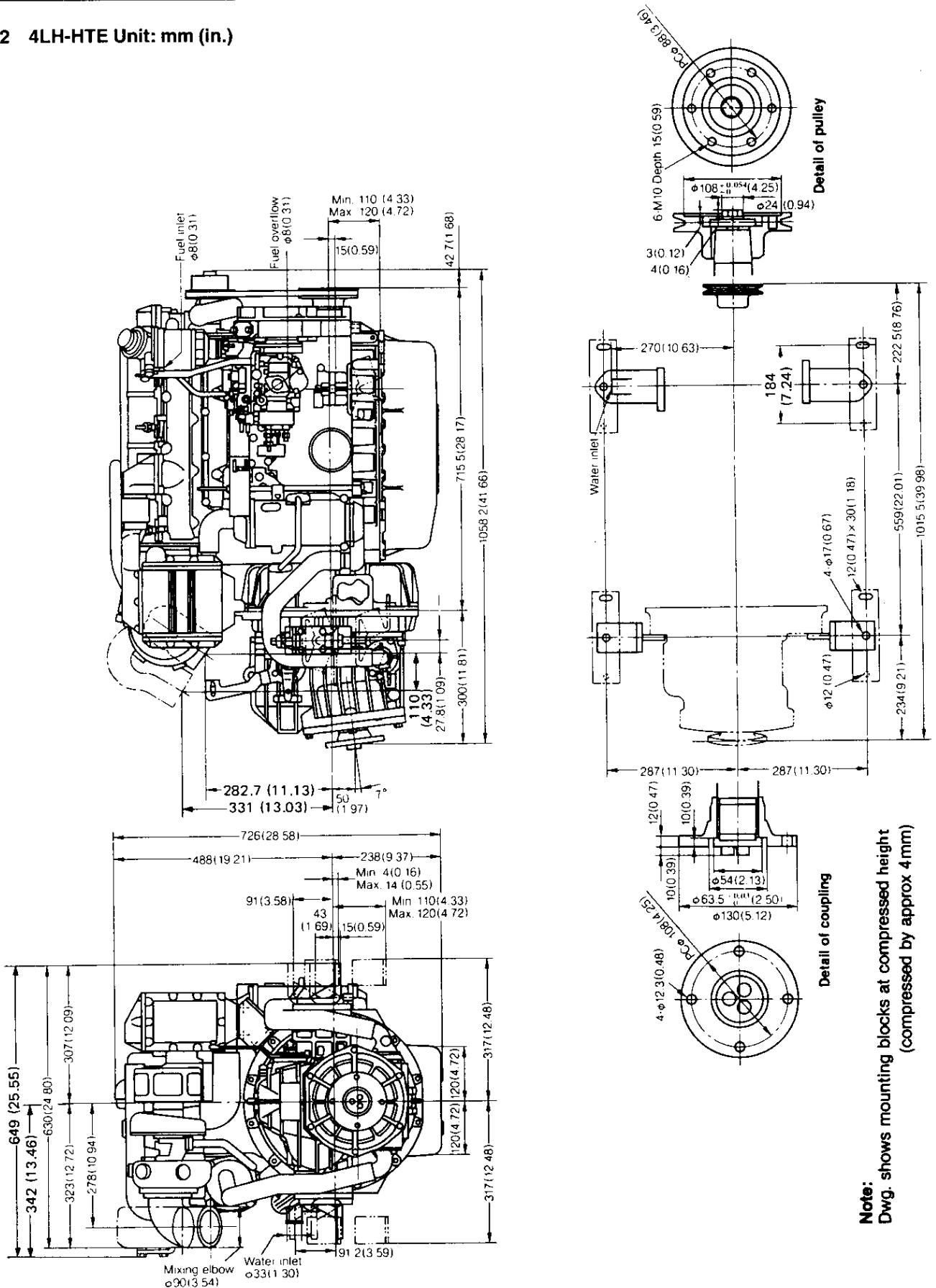


YANMAR 4LH-HTE

Model.	4LH-HTE
Bore x Stroke.	100 X 110mm
Displacement.	3,455 cc.
Configuration.	4 Cylinder, vertical, 4cycle water-cooled diesel engine. Direct injection. With Turbocharger and intercooler.
Sales date app..	1987 - d.d.
Dimensions LxWxH mm.	1058 X 630 X 726mm
Dry weight.	350Kg
Output: max. / continuous.	140Hp(103,0Kw)/3300Rpm / 135Hp(99,3Kw)/3200Rpm
Cooling System.	Constant high temperature fresh water cooling
Starting System.	Starter: 12V - 2,5Kw Generator: 12V - 55A (LR155-20)
Lubrication system.	Forced lubrication by trochoid pump
Mounting flange No.	SAE 4
Clutch.	Servo cone 7° down angle (KM5A)
Rotation, crankshaft / propel.	Counterclockwise / Birotation
Fire Order.	1 - 3 - 4 - 2 - 1
Max. Torque.	35,0Kgm/2800Rpm
Fuel Consumption.	Max rpm. 163g/Hp-Hr
Notes:	
Service Data:	
Engine oil.	10,0L CD - 15W/40
Gear oil.	2,1L CD - 15W/40 (KM5A)
Valve clearance (Cold).	Intake: 0,1mm Exhaust: 0,3mm
Fuel Injection Timing.	10° B.T.D.C.
Fuel Injection Pressure.	200+10Kg/cm ²
Turbocharger Boost press.	800 - 900mmHg 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 / 25 - 30Kg/cm ²
<i>Tightning Torque:*</i>	
Cylinder Head.	15 - 17Kgm
Bearing Con-Rod.	12,0Kgm
Bearing Main.	19 - 21Kgm
Flywheel Bolt.	20,0Kgm
Damper disk bolts.	2,6Kgm
Crankshaft V-pulley bolt.	12,0Kgm

5-2 4LH-HTE Unit: mm (in.)



Note:
Dwg. shows mounting blocks at compressed height
(compressed by approx 4 mm)