

**YANMAR 3HM35**

Model.	3HM35(F)(C)
Bore x Stroke.	80 X 85mm
Displacement.	1,282 cc.
Configuration.	3 Cylinder, vertical, 4cycle water-cooled diesel engine. Swirl pre-combustion chamber.
Sales date app..	1984 - 1992
Dimensions LxWxH mm. /(F)	786 X 485 X 617mm (791 X 475 X 638mm)
Dry weight. /(F)	158Kg (167Kg)
Output: max. / continuous.	34Hp(25,4Kw)/3400Rpm / 30Hp(22,4Kw)/3200Rpm
Cooling System.	Direct sea water cooling (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 5
Clutch.	Wet multidisc mechanical (KBW10) Clutch dog (SD30)
Rotation, crankshaft / propel.	Counterclockwise / Clockwise viewed from stern
Fire Order.	1 - 3 - 2 - 1
Max. Torque.	7,9Kgm/2800Rpm
Fuel Consumption.	Max rpm. 215g/Hp-Hr
Notes:	Model F= Fresk water cooling by heat exchanger. Model C= Saildrive(SD30). Propel rotation: Counter clockwise.
<b>Service Data:</b>	
Engine oil.	5,5L CD - 15W/40
Gear oil.	0,7L ATF "A" (KBW10E) / 2,2L EP80/90 (SD30)
Valve clearance (Cold).	Intake: 0,2mm Exhaust: 0,2mm
Fuel Injection Timing.	21° B.T.D.C.
Fuel Injection Pressure.	160+- 5Kg/cm <sup>2</sup>
Top Clearance / Compression.	0,68 - 0,88mm / 35 - 40Kg/Cm <sup>2</sup>
<i>Tightning Torque:*</i>	
Cylinder Head.	13,0Kgm
Bearing Con-Rod.	4,5Kgm
Bearing Main.	5,0Kgm
Bearing Main, set bolt.	7,5Kgm
Flywheel Bolt.	7,0Kgm

6-4 3HM35

