

YANMAR SB12

Model.	SB 12/G
Bore x Stroke.	85 X 90mm
Displacement.	0,510cc.
Configuration.	1 Cylinder, vertical, 4cycle water-cooled diesel engine. Swirl type precombustion chamber.
Sales date app..	1976-1981
Dimensions LxWxH mm.	662 X 520 X 678 mm
Dry weight.	160 Kg
Output: max. / continuous.	12Hp(9,2Kw)/3000Rpm / 10Hp(7,7Kw)/3000Rpm
Cooling System.	Salt water-cooled
Starting System.	Starter: 12V - 1,0Kw Generator: 12V - 35A (LR135-31)
Lubrication system.	Forced lubrication by trochoid pump
Clutch.	Mechanical clutch(wet, single disk plate type)
Rotation, crankshaft / propel.	Clockwise viewed from PTO / Clockwise viewed from stern
Fire Order.	-
Max. Torque.	-
Fuel Consumption.	Max. 220g/Hp-Hr
Notes:	Clutch "G"= Reduction 3:1 else 2:1
Service Data:	
Engine oil.	3,5L CD - 15W/40
Gear oil.	0,5L CD - SAE 20
Valve clearance (Cold).	Intake: 0,2mm Exhaust: 0,2mm
Fuel Injection Timing.	8-12° B.T.D.C.
Fuel Injection Pressure.	160+- 5Kg/cm ²
Top Clearance / Compression.	
<i>Tightning Torque:*</i>	
Cylinder Head.	12,4Kgm
Bearing Con-Rod.	5,5Kgm
Bearing Main.	-
Bearing Main, Housing.	-
Flywheel Bolt.	5,0Kgm