

Tekniske data for Yanmar 2GM20

**YANMAR 2GM20**

Model.	2GM20(F)(C)
Bore x Stroke.	75 X 72mm
Displacement.	0,636 cc.
Configuration.	2 Cylinder, vertical, 4cycle water-cooled diesel engine. Swirl pre-combustion chamber.
Sales date app..	1984 - d.d
Dimensions LxWxH mm.	638 X 455 X 495mm (643 X 482 X 545mm)
Dry weight.	106Kg (114Kg)
Output: max. / continuous.	18Hp(13,4Kw)/3600Rpm / 16Hp(11,9Kw)/3400Rpm
Cooling System.	Direct sea water cooling (Fresh water cooling)
Starting System.	Starter: 12V - 1,0Kw Generator: 12V - 55A (LR155-20)
Lubrication system.	Forced lubrication by trochoid pump
Mounting flange No.	SAE 6
Clutch.	Mechanical cone (KM2C) Clutch dog (SD20)
Rotation, crankshaft / propel.	Counterclockwise / Clockwise viewed from stern
Fire Order.	1 - 2 - 1
Max. Torque.	3,75Kgm/2800Rpm
Fuel Consumption.	Max. 215g/Hp-Hr
Notes:	Model F= Fresk water cooling by heat exchanger. Model C= Saildrive(SD20) Propel rotation: Counter clockwise.
Service Data:	
Engine oil.	2,0L CD - 15W/40
Gear oil.	0,25L CD - 15W/40 (KM2C) / 2,2L EP80/90 (SD20)
Valve clearance (Cold).	Intake: 0,2mm Exhaust: 0,2mm
Fuel Injection Timing.	15° B.T.D.C.
Fuel Injection Pressure.	170+- 5Kg/cm ²
Top Clearance / Compression.	0,68 - 0,88mm / 28 - 33Kg/Cm ²
<i>Tightning Torque:</i> *	
Cylinder Head.	12,0Kgm
Bearing Con-Rod.	2,5Kgm
Bearing Main.	3,5Kgm
Bearing Main, set bolt.	5,0Kgm
Flywheel Bolt.	7,0Kgm