

Outboard Motor - Specifications

Model Name	40YETO	Model Code	68PD
Model Year	2007	Destination	ITALY

Section/Item	Engine
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Crankshaft		
	Crank web width	53.90-53.95 mm
	Crank width	32.88-33.10 mm
	Runout	0.03 mm
	Big end side clearance	0.200-0.700 mm
	Maximum small end axial play F	2.0 mm
Cylinder head		
	Warpage limit	0.10 mm
Cylinder		
	Bore	67.000-67.020 mm
	Limit	67.100 mm
	Taper limit	0.08 mm
	Out of round limit	0.05 mm
Piston ring (Top)		
	Type	Keystone
	Height (B)	1.970-1.990 mm
	Width (T)	2.500-2.700 mm
	End gap	0.40-0.60 mm
	Limit	0.800 mm
Piston ring (2nd)		
	Type	Keystone
	Height (B)	1.970-1.990 mm
	Width (T)	2.500-2.700 mm
	End gap	0.40-0.60 mm
	Limit	0.800 mm
Piston		
	Piston clearance	0.060-0.065 mm
	Limit	0.115 mm
	Diameter	66.940-67.000 mm
	Measuring point	10.0 mm
	Pin boss inside diameter	18.008-18.015 mm
	Side clearance	0.04-0.08 mm
	Side clearance	0.03-0.07 mm
	1st oversize diameter	67.190-67.250 mm
	2nd oversize diameter	67.440-67.500 mm
Piston pin		
	Pin outside diameter	17.995-18.000 mm
Connecting rod		

	Small end inside diameter	21.995-22.008 mm
	Big end inside diameter	29.000-29.013 mm
Thermostat		
	Valve opening temperature	48-52 ° C
	Fully open temperature	60 ° C
	Fully open stroke	3.0 mm
Oil injection pump		
	Identification mark	63D00
	Specified discharge	1.6 ±0.5 cm ³
	Bleeding	Automatic
Reed valve 1		
	Stopper height	6.0 ±0.200 mm
	Bending limit	0.200 mm
Carburetor		
	Identification mark	62X00
	Float height	15.0 ±1.0 mm
	Valve seat size	1.2 mm
	Main jet	# 130
	Main nozzle	3.0 mm
	Main air jet	# 140
	Pilot jet	# 62
	Pilot air jet	# 80
	Pilot screw	1-3/8 +- 1/4 turns out
	Starter jet	1.0 mm
	Electrothermal valve resistance	2.3-3.5 Ω
Engine speed control system		
	Idle speed (in neutral)	800 ±50 r/min
Tightening torque for engine		
	Crankcase 1	M8 Bolt28.0 N·m
	Crankcase 2	M6 Bolt11.0 N·m
	Cylinder head	Bolt28.0 N·m
	Cylinder head cover	Bolt15.0 N·m
	Exhaust cover	Bolt8.0 N·m
	Spark plug	25 N·m
	Flywheel	Nut110.0 N·m