

YANMAR MARINE DIESEL ENGINES SY-D40

PART NO : SY-D36



PART NO : SY-D27

PART NO : SY-D40



- **Reliable**

Boat owners relate to the advantages of a diesel: lower chance of electrical fault, better fuel economy and a long, reliable work filled life.

- **Long hours**

Useful for trolling, working nets or fish farming, the diesel can't be matched in low speed operation. The combustion chamber and new cooling system allows for hours of idling.

- **Cool**

The thermostat cools the engine in response to how hard it is working by changing the temperature of the water.

- **Superior**

Special cast iron cylinder liners are bonded onto the one piece aluminium block. Minature fuel injection pumps are combined with nozzles to form "unit injectors" which are super compact

Technical Details

Engine and Block

- One piece aluminium block.
- Cast iron cylinder bonded to the block.
- With a five coat painting process, the engine is protected both inside and out.

Fuel System

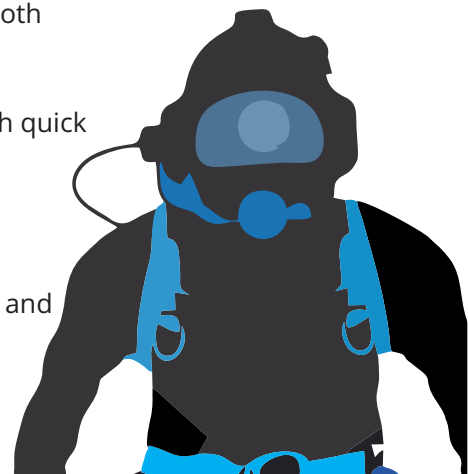
- Precise fuel metering with quick response.

Cooling System

- Seawater thermostat

Exhaust System

- Minature injection pump and reduced smoke.



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Yanmar D40

40HP, 3 cylinder diesel outboard engine, comes with 6 months fault free warranty, brand new fuel tank with hoses, fuel connectors and primary fuel pump. Also available in Tiller or RC versions, as well as L, LL and UL shaft lengths.

Configuration	4-cycle, vertical, water cooled diesel engine
Number of cylinders	3
Bore and stroke mm (in.)	82 x 70 (3.23 x 2.76)
Displacement cc (cu. in.)	1019 (68)
Maximum output hp(kW)/rpm at crankshaft	40hp/4500rpm (29.41kW/4500rpm)
Combustion system	Direct injection
Starting system	Electric with emergency rope start
Cooling system	Direct seawater cooling by rubber impeller pump
Lubrication system	Forced lubrication with trochoid pump
Generator	AC dynamo built in flywheel
Drive device	
Clutch type	Dog type clutch
Reduction ratio Ahead/Astern	1.846/1.846
Direction of rotation	Clockwise viewed from propeller
Lubrication system	Oil bath
Tilt up system	AX-E manual AX-EP hydraulic
Control device	
Engine speed control	Remote control
Clutch control	Remote control
Steering	Remote control
Transom installation	Through bolts with nuts
Fuel oil	Diesel fuel with kerosene (Add lube oil, 30:1)
Fuel oil capacity	l(cu.in) 24 (1465)
Lube oil Engine	SAE 15W40, API CD/
Drive	SAE 80W90, API Gear oil #90
Dry weight	
	L-type 116kgs (256lbs) 120kgs (265lbs)
	LL-type 117kgs (258lbs) 121kgs (267lbs)
	UL-type 118kgs (260lbs) 122kgs (269lbs)



SYNERGY
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