



RAYWIN 4D24 MARINE ENGINE 36,8KW DIESEL 2400 RPM

Reference: 4D24

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RAYWIN 4D24 Marine Engine is a four-stroke diesel-powered engine for marine applications, capable of delivering a net power of 36.8 kW at 2400 rpm.

The RAYWIN Marine Engines 4D24 are recommended for a wide range of applications, thanks to the incredible power it can deliver, this engine can be used both for energy production by connecting to an alternator with SAE 4 coupling, and for the propulsion of the boat itself.

The indicated data was recorded on the RAYWIN 4D24 during production, and was measured at a specific number of revolutions. Variations with respect to these values can be found in mass production. The power of the RAYWIN 4D24 installed in the machine can depend on numerous factors, including the number of revolutions at which the engine is used, the environmental conditions, the level of maintenance and other variables.

TECHNICAL FEATURES RAYWIN 4D24 MARINE ENGINE:

Marine Engine type: RAYWIN 4D2400
N° cylinders: 4
Cylinder arrangement: In-line
Cooling: water-cooled with raw water pump
Bore x stroke: 87 X 103 mm
Displacement: 2450 cc
Compression ratio: 19: 1
Net power: 36.8 kW (49 HP) / 2400 rpm
Continuous rated power 1500 rpm: 23 kW (30 HP)
Continuous rated power 1800 rpm: 27 kW (36 HP)
Starting: electric
Induction system: naturally aspirated
Ignition order: 1 - 3 - 4 - 2
Flywheel (inch): 7.5
Flywheel housing: SAE 4
Emissions standard:
RCD II - for propulsion applications
Stage IIIA - for auxiliary applications
Length: 685 mm
Depth: 534 mm
Height: 675 mm
Dry weight 210 kg

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engines or other specialized brands.

The images and technical data are not binding and may be subject to revisions by the supplier.

Technical Sheet

Fuel	Diesel
Engine	RAYWIN 4D24
Starting system	Electric 12 Vcc
Engine capacity (cm ³)	2450
Number cylinders	4
Cylinders' position	In line
Cooling	Coolant Liquid
Bore x stroke (mm)	87 X 103
Compression ratio	19 : 1
Net power (kW)	36.8
Nominal power continuous	1500 rpm 23 kW (30 HP) / 1800 rpm 27 kW (36 HP)
Mechanical power (hp)	49
Length (mm)	685
Width (mm)	534
Height (mm)	675
Dry weight (Kg)	210
Engine manufacturer	RAYWIN