



powering **marine** safety

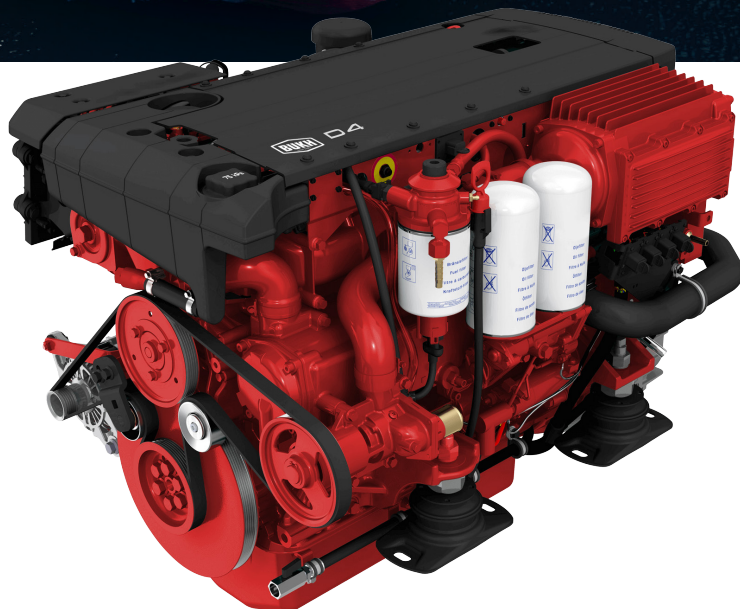
## D4-260

**BUKH SOLAS MARINE DIESEL ENGINE  
260 HP (191 KW)**



*The BUKH 4-cylinder D4-260 is developed from the latest design in modern diesel technology. The engine has common rail fuel injection system, double overhead camshafts, 4 valves per cylinder, turbocharger and aftercooler.*

*Together with a large swept volume and the EVC system (Electronic Vessel Control), this results in world-class diesel performance.*



### TECHNICAL DESCRIPTION:

#### ENGINE BLOCK AND HEAD

- Cast iron cylinder block and cylinder head
- Combined ladder frame and balance shaft
- 4 valve technology with hydraulic lash adjusters
- Double overhead camshafts
- Oil cooled pistons with two compression rings and one oil scraper ring
- Integrated cylinder liners
- Replaceable valve seats
- Five bearing crankshaft
- Rear-end transmission

#### ENGINE MOUNTING

- Flexible engine mounting

#### LUBRICATION SYSTEM

- Easily replaceable separate full-flow and by-pass oil filter
- Seawater cooled tubular oil cooler

#### FUEL SYSTEM

- Common rail fuel injection system
- Control unit for processing the injection
- Fine filter with water separator and alarm

#### AIR INLET AND EXHAUST SYSTEM

- Air filter with replaceable insert
- Crankcase gases vented into the air inlet
- Exhaust elbow or exhaust riser
- Freshwater cooled turbocharger
- Loss of sea water alarm

#### COOLING SYSTEM

- Thermostatically regulated freshwater cooling
- Tubular heat exchanger with separate large volume expansion tank
- Coolant system prepared for hot water outlet
- Easily accessible seawater impeller pump

#### ELECTRICAL SYSTEM

- 12V or 24V two-pole electrical system
- 14V/115A marine alternator with Zener-diodes to protect the system from peak voltage, and integrated charging regulator with battery sensor cable for maximum use of alternator
- Fuses with automatic reset
- Auxiliary stop button

#### INSTRUMENTS/CONTROLS

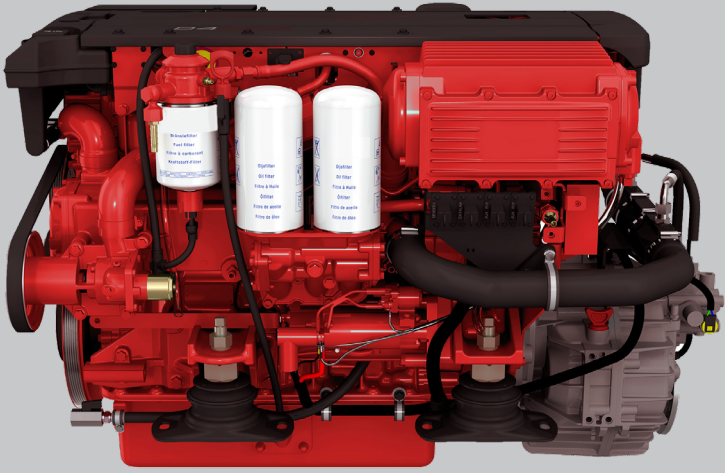
- Complete instrumentation/display packages, including e-key
- Electronic shift and throttle available as extras
- Plug-in connections

# D4-260

## BUKH SOLAS MARINE DIESEL ENGINE



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### D4-260 Specifications

Engine type	D4
Engine duty rating	C12 - High Speed Craft Commercial_3
Crankshaft power [hp(kW)]	260 (191)
Rpm@full load	3500
Cylinders	In-line 4
Displacement [L]	3,7
Bore [mm]	103
Stroke [mm]	110
Compression ratio	17.5:1
Injection system	Common Rail fuel injection system
Alternator [V -A]	14V - 115A
Electronic engine diagnostic	YES
Max. Fuel consumption [L/h]	52,6
Dry Weight Bobtail [kg]	482
Propulsion system	Shaft Drive / Waterjet

As BUKH is always endeavouring to improve the engines, specifications mentioned are subject to alterations without previous notice.

### D4-260 Dimensions

Not for installation

