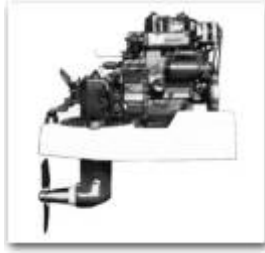


BUKH DV 24 SME - TECHNICAL DATA



BUKH DV 24 marine diesel with saildrive

24 effective seahorses ensure comfortable and trouble-free sailing. The exceptionally low noise level makes it a pleasure to be on board.

DV 24 has direct fuel injection and this means 12 to 15 per cent lower fuel consumption than the pre-combustion principle and longer life because of reduced thermal loads on the cylinder head. The cold start characteristics are also vastly improved.

A BUKH does not vibrate

A well-balanced system of rotating counterweights in the engine neutralizes all vibrations.

A BUKH does not rattle

Minimal tolerances in all moving parts ensure the lowest possible noise level in bearings, gearwheels, pistons and connecting rods.

A BUKH has automatic fuel control

Automatic fuel control guarantees that the engine only gets the amount of fuel which the immediate load requires.

BUKH's safe saildrive

BUKH's saildrive is specially developed for BUKH engines. A sensing element between the double rubber diaphragm will sound an alarm in case of water penetration.

A flexible coupling between engine and saildrive safeguards mechanical parts and the multiple disc clutch can stand brutal shifts from forward to reverse.

A BUKH marine diesel is designed for a rough life at sea.

As Bukh Diesel is always endeavoring to improve the engines, specifications mentioned are subject to alterations without previous notice.

Max continuous rating (DIN 6270B) at:	
60 rps (3600 rpm)	24 HP (17.6 kW)
50 rps (3000 rpm)	22.4 HP (16.5 kW)
40 rps (2400 rpm)	19 HP (14 kW)
Saildrive with reverse-reduction gear ratio	2.25:1
Engine rotation (looking forward)	Anti-clockwise
Propeller rotation (looking forward)	Anti-clockwise
Number of cylinders	2
Bore x stroke	3.35 x 3.35 in (85 x 85 mm)
Swept volume	58.82 cu in (964 cm ³)
Operating principle	4-stroke, diesel
Combustion system	Direct injection
Cooling system (standard)	Direct seawater
Max inclination, fore and aft	12°
Max heel, continuous	25°
Fuel consumption, full load	1.28 imp galls/h (5.8 l/h)
Fuel consumption, cruising	0.73 imp galls/h (3.3 l/h)
Electric starter motor	12V - 1.8 HP (1.3 kW)
Charging alternator	14V, 50Amp, 700W
Net weight	485 lbs (220 kg)

STANDARD EQUIPMENT:

Saildrive with reverse-reduction gear
 Raised handstart
 Decompression lever
 Wet sump lubrication system
 Pre and main (full flow) filter
 Automatic injection timing
 Centrifugal governor
 Seawater cooling with thermostat
 Watercooled exhaust manifold
 Air inlet filter and silencer
 Fuel lift pump
 Electric start and charging alternator
 Remote operating panel with: Charging light, lubeoil pressure warning light, cooling water temperature warning light, key switch for start, electric stop and audible warning
 Fittings for remote control

- Engine plinth
- Zinc anode protection
- Standard set of tools
- Drain pump for lubeoil
- Flexible engine mounts
- Watercooled exhaust bend
- Operating manual

