

## BUKH DV 36 SME - TECHNICAL DATA



A BUKH saildrive distinguishes itself from others in a number of important features. Instead of just one rubber diaphragm to keep the water out, BUKH's saildrive is equipped with a very strong double diaphragm which ensures total safety. A sensing element has been installed between the diaphragm which releases an audible alarm at the slightest indication of water penetration. This provides all the security you will ever need.

All materials - including bolts and diaphragm flanges - are rustproof and saltwater resistant. The cooling water intake, separate from the saildrive unit, ensures efficient cooling of the engine.

A newly developed multiple-disc clutch ensures smooth engagement of gears and can stand brutal shifts from forward to reverse in critical situations.

The aluminium casing is resistant to saltwater. Specially cut conical gears ensure noiseless power transmission. An easily replaceable zinc anode prevents galvanic corrosion. BUKH's saildrive complies fully with I.O.R.'s regulations for saildrives.

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

Max intermediate rating	
at 66 rpm (4000 rpm)	39 HP (28.7 kW)
Continuous rating (DIN 6270B) at:	
60 rps (3600 rpm)	36 HP (26.5 kW)
50 rps (3000 rpm)	31 HP (23.1 kW)
40 rps (2400 rpm)	25 HP (18.6 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	3
Bore x stroke	3.35 x 3.35 in (85 x 85 mm)
Swept volume	88.29 cu in (1447 cm <sup>3</sup> )
Operating principle	4-stroke, diesel
Combustion system	Direct injection

Cooling system (standard)	Direct seawater
Max inclination, fore and aft	15°
Max heel, continuous	30°
Fuel consumption, full load	2.11 galls/h (8 l/h)
Fuel consumption, cruising	1.24 galls/h (4.7 l/h)
Electric starter motor	12V - 1.74 HP (1.3 kW)
Charging alternator	14V, 50Amp, 700W
Net weight	639 lbs (290 kg)
Net weight including freshwater cooling	683 lbs (310 kg)

**STANDARD EQUIPMENT:**

Saildrive with reverse-reduction gear  
Wet sump lubrication system  
Pre and main (full flow) filter  
Bosch distributor injection pump with automatic timing device and governor  
Automatic ventilation of fuel system  
Seawater cooling with thermostat  
Watercooled exhaust manifold  
Lubricating oil cooler  
Air inlet filter and silencer  
Fuel lift pump  
Electric start and charging alternator  
Remote operating panel with: Charging light, luboil pressure warning light, cooling water temperature warning light, key switch for start and stop and audible warning  
Fittings for remote control  
Engine plinth  
Zinc anode protection  
Standard set of tools  
Drain pump for luboil  
Flexible engine mounts  
Watercooled exhaust bend  
Operating manual





