

BUKH DV 10 LSME - TECHNICAL DATA



BUKH DV10LSME marine diesel with saildrive

BUKH's lightweight diesel appeals to yachtsmen who want a safe and comfortable engine but will give up only a minimum space on board for the engine installation. The horizontal design of the BUKH DV10LSME engine with its vertical crankshaft enables a direct connection to the BUKH saildrive without the otherwise necessary angle gear, thereby saving space and weight. Flexible mountings and a fibreglass frame for safe and easy installation of engine and saildrive are included in the standard delivery.

BUKH DV10LSME has low noise and vibration level

Minimal tolerances in all moving parts ensure the lowest possible noise level in bearings, gearwheels, pistons and conrods. The well balanced design with horizontal piston enables smooth running with low vibration level. A Waterlock exhaust silencer is also included.

BUKH DV10LSME with direct injection

The modern combustion chamber with direct injection ensures low fuel consumption and easy starting.

BUKH's safe saildrive

BUKH's saildrive is specially developed for BUKH engines. The unique Bukh double diaphragm is equipped with a sensor that will release 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 special slide-clutch will automatically be activated in case of overload, e.g. if the propeller hits an obstruction.

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

Max continuous rating (DIN 6270B) at 50 rps (3000 rpm)	10 HP (7.4 kW)
Number of cylinders	1
Bore x stroke	3.35 x 3.35 in (85 x 85 mm)
Stroke volume	29.41 cu in (482 cm ³)
Operating principle	4-stroke, diesel
Combustion system	Direct injection
Cooling system	Direct seawater

Starter motor	12V - 1.5 HP (1.1 kW)
Charging alternator	210 W
Handstart	Rope pull
Max heel, continuous	25°
Max inclination, fore	20°
Max inclination, aft	5°
Fuel consumption, full load	0.53 imp galls/h (2.4 l/h)
Fuel consumption, cruising	0.35 imp galls/h (1.6 l/h)
S-drive with reverse-reduction gear ratio	1.75:1
Engine rotation	Clockwise
Propeller rotation	Clockwise
Net weight, standard engine including drive	176 lbs (80 kg)

STANDARD EQUIPMENT:

Saildrive with reverse-reduction gear
 Electric start and charging alternator
 Decompression lever
 Wet sump lubrication system
 Remote operating panel with: Charging light, lubeoil pressure warning light, cooling water temperature warning light, key switch for starting, electric stop and acoustic alarm
 Seawater cooling with thermostat
 Built-in waterlock
 Fittings for remote control
 Double diaphragm with sensor and acoustic alarm
 Engine plinth
 Flexible supports
 Bilge pump for lubrication oil
 Standard set of tools
 Operating manual

OPTIONAL EQUIPMENT:

2 blade folding propeller 12" x 8" R
 3 blade fixed propeller 12" x 8" R

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







