

BUKH DV 10 ME - TECHNICAL DATA



Bukh DV marine engines have very little vibration. Dynamic balancing by means of an advanced system of rotating counter-weights takes care of the movements of pistons and connecting rods which would otherwise make the engines vibrate. Automatic fuel control ensures precise amounts of fuel are fed to the engine under any conditions. This keeps the rpm constant at varying loads. An automatic timing device prevents ignition noise at low revolutions. Everything in a BUKH is created for a long life in seawater and it can be run at full speed for any length of time. Starter motor, alternator, oil filter, stop magnet and water pump are placed high up on the engine so that they are easily accessible and prevents bilge water, if any, from causing possible damage. An easily replaceable zinc anode prevents the vital parts of the engine from being damaged by galvanic corrosion.

Max continuous rating
(DIN 6270B) at:

50 rps (3000 rpm)	10 HP (7.4 kW)
40 rps (2400 rpm)	8.4 HP (6.2 kW)
33 rps (2000 rpm)	6.5 HP (4.8 kW)
Reverse-reduction gear ratio	2.5:1
Engine rotation (looking forward)	Anti-clockwise
Propeller rotation (looking forward)	Clockwise
Number of cylinders	1

Bore x stroke	3.35 x 3.35 in (85 x 85 cm)
Swept volume	29.41 cu in (482 cm ³)
Operating principle	4-stroke, diesel
Cooling system (standard)	Seawater
Max inclination, fore and aft	15°
Max heel, continuous	25°
Fuel consumption, full load	0.77 galls/h (2.9 l/h)
Fuel consumption, cruising	0.45 galls/h (1.7 l/h)
Electric starter motor	12V - 1.74 HP (1.3 kW)
Charging alternator	14V 50Amp 700W
Net weight	353 lbs (160 kg)

STANDARD EQUIPMENT:

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
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 and stop and audible warning
Fittings for remote control
Zinc anode protection
Standard set of tools
Drain pump for lubeoil
Flexible engine mounts
Watercooled exhaust bend
Operating manual

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







