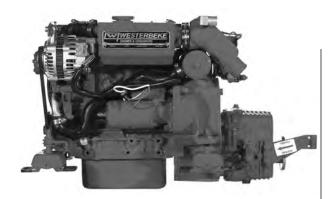
# WESTERBEKE DIESEL ENGINE



# Three-cylinder, four-cycle smoothness...





30B Three Marine Diesel Engine

## **Lightweight and Compact**

Designed by Westerbeke, pioneers in lightweight marine diesel engines, the 30B Three is a compact three-cylinder engine perfect for difficult installations. Weighing in at only 274 pounds (124.3 kilos), the 30B Three provides a power to weight ratio to be envied while requiring modest engine room space.

#### **Powerful and Reliable**

The 30B Three is specially engineered to operate in a hostile marine environment. It is designed and built using experience gained in supplying over 1,100 whaleboat engines to the United States Navy. The greater piston bore of the 30B Three delivers more power without sacrificing smooth and quiet operation.

#### **Easy Operation and Maintenance**

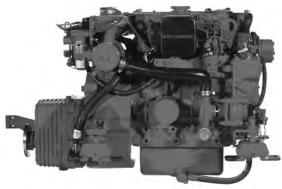
To minimize engine maintenance, the 30B Three is fresh water cooled and equipped with a simple control system. Easy access to all servicing points and a self-bleeding fuel system allow easy installation and routine maintenance.

#### **Full Engine Instrumentation Option**

Westerbeke offers an optional admiral panel. The admiral panel includes, tachometer, hour meter, voltmeter, water temperature and oil pressure gauge. Westerbeke also offers an optional captain panel with tachometer, hour meter, and warning lights.

#### The Name You Can Trust

The presence of Westerbeke in over 65 countries around the world provides customers with easy access to parts, service and technical support worldwide. Established in 1937, Westerbeke is committed to providing its customers with quality products and unequaled after sales support.



30B Three Marine Diesel Engine

#### Standard Features

- Fresh water cooling
- Engine pre-wired to plug-in connector
- Self-bleeding fuel system
- 12 volt 50 ampere alternator
- Flow control domestic hot water connections
- Coolant recovery tank
- Throttle, stop, and shift control brackets
- Low oil pressure and high water temperature alarms
- Gear driven raw water pump
- Mechanical gear with 2.5:1 reduction
- Glow plug cold starting aid
- Four point adjustable flex mounts
- Lube oil drain hose
- Tuned air intake silencer
- Operators' manual and parts list
- 5-year limited warranty
- EPA, CARB & CE compliant



**Optional Admiral Panel** 

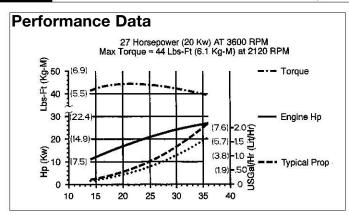
### **Admiral Panel Dimensions**

Length 9.75" (247.7 mm) Depth 4.0" (101.6 mm) Height 6.0" (152.4 mm)







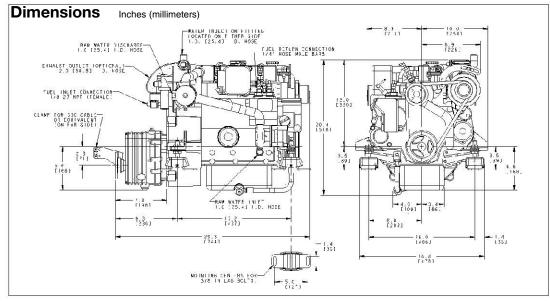


Specifications	
Number of cylinders	3 Cylinder vertical in-line
Cycles	4 Cycle
Displacement	58.09 cu. in. (.95 liter)
Bore and stroke	2.99" x 2.76" (76 mm x 70 mm)
Compression ratio	23:1
Maximum angle of installation	Not to exceed 14°
Maximum angle of operation	Not to exceed 25°
Crankshaft, direction of rotation	Counterclockwise as viewed
	from flywheel end
Propeller shaft, direction of rotation	· ·
Dry weight	274 lbs (124.3 kilos)
Combustion system	Swirl type
Aspiration	Naturally aspirated
Lubrication system	Forced lubrication by gear pump
Cooling system	4 quarts (3.8 liters)
Starting aid	12 volt sheathed type glow plug
Engine stop	Manual type
Fuel injection pump	Bosch type
Governor	Centrifugal type
Injectors	Throttle type
Fuel filter	Secondary, replaceable type
Lube oil filter	Full flow, spin-on element
Lubricant capacity	0.95 U.S. gallons (3.6 liters)
Fuel transfer pump	Electric
Fuel supply and return piping	1/4" ID (6.35 mm) minimum 3/8" ID (9.53 mm) maximum
Starting motor	12 volt, solenoid, actuated shift
Battery charging alternator	50 ampere (12 volts)
Cold cranking amps	190 amps
Alternator/regulator	Automatic, solid state built-in
Electrical system	12 volts DC, negative ground

Construction – Engine Components		
Cylinder head	Cast Iron	
Cylinder block	Cast Iron	
Crankshaft	Forged crankshaft, four main bearings	
Valves	Overhead valves, rotating type	
Fuel System	Self bleeding	
Intake system	Tuned intake silencer	
	for maximum noise reduction	
Cooling system	Fresh water-cooled with tube and	
	shell type heat exchanger	
Exhaust manifold	Cast aluminum, fresh water-cooled with	
	built-in expansion tank	

9	
Standard Equipment	
Standard gear ratio	2.5:1
Mounting centers	14.56", 16.0"
Flexible mounts	Adjustable fail safe
	rubber type
Flow control domestic hot water connection	
Coolant recovery tank	
Battery charging alternator	50 amp
Starting aide	
Control brackets	For all control attachments
Prewired Engine	
Gear-driven sea water pump	
Lube oil cooler in fresh water system	
Lube oil drain hose	
Gear oil cooler	
Oil fill	Top and service side
Circuit breaker protected electrical system	
Operator's Manual and Parts List	

Operator o Mariaar and Farto Elec		
Optional Equipment		
Captain panel with alarm (tachometer with lights)		
Admiral panel with alarms (tachometer with gauges)		
Dual station senders		
Other gear ratios	Consult local Distributor	
Remote expansion tank		
Fuel/water separator		
Muffler and fittings		
"A" on board spare parts kits		
"B" extended cruising spare parts	kits	
Anti-siphon valve for overboard cooling discharge water		
Technical Manual		
Exhaust connection (water injected	d 90°, 45° elbows & riser)	
Propeller shaft couplings (rigid/flex	xible) – available standard sizes	



Authorized Dealer