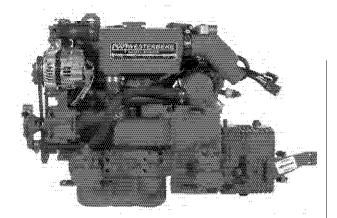
Long lasting 3000-rpm performance...





35D Three Marine Diesel Engine

Lightweight and Compact

Designed by Westerbeke, pioneers in lightweight marine diesel engines, the 35D Three is a compact three-cylinder engine perfect for difficult installations. The 35D Three provides a power to weight ratio to be envied while requiring modest engine room space.

Powerful, Reliable and Quiet

The 35D Three is rated at a low 3000-rpm for longer engine life. It is designed and built using experience gained in supplying over 1,100 whaleboat engines to the United States Navy. The 80.43 cubic inch displacement of the 35D Three delivers reliable power without sacrificing smooth and quiet operation. For enhanced guiet performance, this engine also has tuned air intake silencer.

Easy Operation and Maintenance

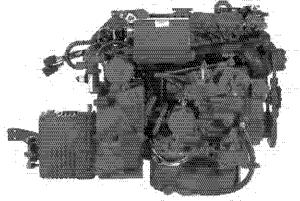
To minimize engine maintenance, the 35D Three is fresh water cooled and equipped with a simple control system. Easy access to all servicing points and a self-bleeding fuel system allow easy installation and routine maintenance.

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.



35D 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
- Short profile marine gear with 2.0:1 reduction
- Glow plug cold starting aid
- Four point adjustable flex mounts
- Lube oil drain hose
- Tuned air intake silencer with filter
- Operators' manual and parts list
- EPA, CARB & CE compliant



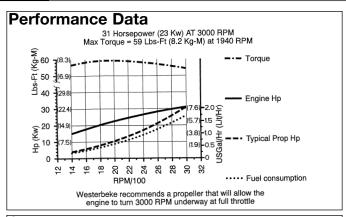
Optional Admiral Panel

Admiral Panel Dimensions

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







Specifications			
	Number of cylinders	3 Cylinder vertical in-line	
	Cycles	4 Cycle	
	Displacement	80.43 cu. in. (1.318 liter)	
	Bore and stroke	3.07" x 3.62" (78 mm x 92 mm)	
	Compression ratio	22:1	
	Maximum angle of installation	Not to exceed 14°	
	Maximum angle of operation	Not to exceed 30° for 30 min.	
	Crankshaft, direction of rotation	Counterclockwise as viewed from flywheel end	
	Propeller shaft, direction of rotation	Right hand – std. trans.	
	Dry weight	386 lbs (175.1 kilos)	
	Combustion system	Swirl type	
	Aspiration	Naturally aspirated	
	Lubrication system	Forced lubrication by trochoid pump	
	Cooling system	5 quarts (4.73 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	Primary	
	Lube oil filter	Full flow, spin-on element	
	Lubricant capacity	.98 U.S. gallons (3.7 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	
	Battery charging alternator	50 ampere (12 volts)	
ĺ	Cold cranking amps	237 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	

Standard Equipment			
Standard gear ratio	2.0:1		
Mounting centers	14.6", 16.0" or 18.5"		
Flexible mounts	Adjustable fail safe		
	rubber type		
Flow control domestic hot water connection	on		
Coolant recovery tank			
Battery charging alternator	50 amp		
Starting aide			
Control brackets	For all control attachments		
Prewired Engine			
Gear-driven raw water pump			
Lube oil drain hose			
Transmission oil cooler			
Oil fill	Top and service side		
Circuit breaker protected DC electrical sys	cuit breaker protected DC electrical system		
Operator's Manual and Parts List			

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		
72 or 100 amp alternator in place of standard		
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 45° or 90°elbow)		
Propeller shaft couplings (rigid/flexible) – available standard sizes		

