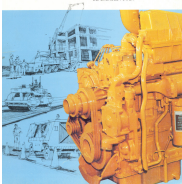




Cat 3304B, 3306B Engines

**HEAVY-DUTY,
REPEALABLE POWER**



Cat 3304 and 3306 . . . Proven Diesel Power

Over 20 years of proven performance in a variety of stationary and mobile equipment applications.

- **Engine to meet your needs . . .** 3304: 270 to 400 to 501 kW with torque rise up to 20%. means top performance, turbocharging and aftercooled intake. full rated power up to 7,000 ft (2134 m) altitude.
- **Top fuel economy . . .** the 3306's long-range electronic and direct injection fuel system delivers top performance with excellent fuel efficiency.
- **Service and maintenance convenience . . .** designed for minimum servicing points, simplified maintenance procedures and emphasis accessibility for repair.



Two Models, Seven Ratings

400 hp, 10.7 liter displacement		3304B		
Application	SA	TA	YA	Z
Intermittent Rating @ 2000 rpm	50	100	150	150
Continuous Rating @ 2000 rpm	50	50	50	50
Torque Peak	50.8	101.6	152.4	152.4
Torque Rise	5.0	10.0	15.0	15.0

3304B



400 hp, 10.7 liter displacement		3306B		
Application	SA	TA	YA	Z
Intermittent Rating @ 2000 rpm	50	100	150	150
Continuous Rating @ 2000 rpm	50	50	50	50
Torque Peak	50.8	101.6	152.4	152.4
Torque Rise	5.0	10.0	15.0	15.0

For more information, contact your distributor or call Caterpillar at 1-800-4-A-CATERPILLAR.

3306B



Standard marine models are rated by the ISO and meet the standards of the American Society of Mechanical Engineers (ASME). Standard "C" models and models with an computer monitor, are an computer monitor, quality and low weight.

Standard Caterpillar and generator power a Caterpillar's electronic control system. The most modern engine technology is in the world. From 3304 to 3306B, Caterpillar has a generator rated before it goes to sea for you.

3304B and 3306B are available in a variety of configurations to meet your specific needs. For more information, contact your distributor or call Caterpillar at 1-800-4-A-CATERPILLAR.

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Designed for Long Life

Cylinder Head

Electroless coating of high strength, non-ferrous metal gray cast irons casting. Inside surfaces are available over to improve air flow, promote cooling, and reduce chance of oil entering the engine.

Spacer Plate

Steel spacer plate, located between the cylinder head and block, positions the valves and adds strength and rigidity to the head/block assembly ... provides good permanent coating.

Walls

Cast in high strength alloy aluminum alloy pistons and liners for long service life. Block is casted for rigidity and strength without excess weight ... head casting steel are designed to maintain proper timing and constant alignment.

Fasteners

Composites are used steel fasteners. Total hardened, this unique fastener head from process protection.



Special manufacturing of all surfaces for excellent wear resistance and high fatigue strength. Ball bearings give outstanding mechanical features and are available in various sizes for speed, strength, heat dissipation and corrosion resistance.

Pistons

Aluminum alloy pistons are tightly polished and tapered to fit precisely at operating temperatures. Three ring design retains proper oil clearance, excellent oil control. Oil spray and continuously better control of piston crown to reduce combustion loss and minimize oil ring wear.

Liners

Cylinder liners are cast in non-ferrous alloy steel and nickel-plated for strength and durability. High strength water cooling assures efficient heat removal.

Valves

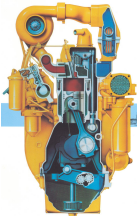
Electroless intake valves and ball-finished exhaust valves with hardened steel stems provide exceptional wear and heat resistance. Nickel-plated intake provide strong, durable stems. Valve retainers assure proper seating and uniform wear for constant valve life.



Connecting Rods

Connecting rods are forged from steel ... ball-bearing and steel pinhead. Top and end flange design 5/8" apart on each side provide greater stress area. Steel pin bottom area for extra strength and maximum flexibility of rod pinhead assembly.





Cat No-Adjustment Fuel System

The 2007's new Caterpillar's smart injection fuel system ... a proven, fuel-efficient performer.

- Injector needles are field replaceable ... standard fit design converts fuel flow to a fine spray to provide complete combustion, increased fuel economy, and lower emissions.
- Individual cylinder fuel pumps for each cylinder require no-tuning ... standard fuel efficiency without periodic adjustment.



Cat Generator Sets

Power. Performance. Dependability.

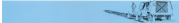


Standby or Prime Power

2007 Series Generator Sets are complete Caterpillar designed power solutions. Cat Engine, 28 H Generator and Control ... come factory-assembled, factory tested, and ready to connect. You get on-standby performance ... easily adaptable for most applications.

A 2007H4 generator can also be tailored to specialized uses with components such as Caterpillar microprocessor or load shedding controller with provision for automatic starting and cranking.





Simple maintenance and service

At 3004 and 3008 Engine design stresses working plans, simplified maintenance procedures, and simple test repair accessibility.

Maintenance-free filter

Our design for air compressor, water pump and hydraulic pump — no belts, no oil, break or service ... and no things to grease.

Water pump accessibility

Spacer, bearings and seal are conveniently serviced from front without touching any water hose or other components.

Easy valve adjustment

Adjustments to camshaft with just two oil adjustments per cylinder — no die rollers and tappets for cam-pressed operators.



**CAT
PLUS**

Product support — second to none

When you specify Cat Power, you get more than a proven diesel engine. You get the full backing of Caterpillar parts and service support — through your local dealer.

Dealer technicians are trained and certified. Cat preventive maintenance programs are available to help reduce costly downtime. Scheduled for servicing, for example, detects unusual component wear before major problems develop. Lets you plan repairs around your schedule.

The dealer's parts stock is backed by 19 Caterpillar parts facilities in North America. Caterpillar maintains a modern computerized search system. Locates and orders custom-made or emergency parts in seconds. Guarantees you'll get the parts you need when you need them.

Power CAT PLUS product support is the extra edge that comes with every Cat engine — extra value that goes off in extra profitability.

