

# 6CTA8.3-C215 8.3L Diesel Engine

This 6CTA8.3-C215 is a heavy-duty diesel engine with a displacement of 8.3 liters. It is designed for use in loaders, graders, cranes, excavators, and other construction and mining equipment.



## Product Overview

### Heavy-Duty Diesel Power

This 8.3L diesel engine is engineered for demanding industrial environments, providing reliable power for heavy machinery. Designed as a six-cylinder, inline configuration, it offers the robust performance required for loaders, graders, cranes, and excavators. The mechanical fuel system ensures consistent operation and simplified maintenance, making it a dependable choice for mining and lifting applications.

## Technical Specifications

Displacement	8.3 L
Cylinders	6
Engine Configuration	Inline, 6-cylinder
Fuel System	Mechanical

## Applications

Recommended Applications	Loader, Grader, Crane, Excavator, Mining Equipment, Lifting Equipment
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## Performance Metrics

### Rated Power

**215 HP**  
Power Output

### Series Performance Data

Engine Model	Power (kW/rpm)	Torque (N.m/rpm)	Aspiration
4BTA3.9-C80	60/2200	350/1500	Turbo & Aftercooled
4BTAA3.9-C130	97/2200	510/1400	Turbo & Charge Air
6BTA5.9-C180	132/2200	750/1300	Turbo & Aftercooled