



# D03CJ-G

## Tier 4 Final

### 35kW @ 1800 rpm

## SPECIFICATIONS

Model	<b>D03CJ-G</b>
Type	4 cycle water-cooled, cylinder in line
Bore X Stroke (mm)	86mm x 95mm
Cylinder Arrangement	1 - 3 - 2
Total Displacement	1.655
Combustion System	direct injection
Dry Weight- kg/lbs. (w/o DFP)	210kg
Starting System	Electric
Fuel Oil	Diesel

## POWER RATING

Constant	35kW/1800rpm
----------	--------------

# D03CJ-G

## CONSTRUCTION

Ribbed thin-wall cast iron crankcase for added strength and durability  
Internal crankcase breather for reduced emissions  
Extra large bearing surfaces for low bearing loads and long life

## EMISSION CONTROL SYSTEM

DOC

## LUBRICATION

Designed to run at 20° degrees of inclination and includes a full flow spin-on cartridge filter  
Forced circulation by trochoid gear pump  
Oil Capacity: D03CJ : 6.7 ltr

## COOLING

Forced circulation by centrifugal pump  
Cooling packages available for ambient temperatures up to 108° F (42° C)  
Cooling Fan (Std. Eqt.)

## FUEL & COMBUSTION SYSTEMS

Bosch style common rail fuel system with ECU  
Direct injection combustion system for low noise and emissions  
Cylinder head is a pre-chamber design to increase efficiency of combustion

## ELECTRIC SYSTEM

Starter: 12V, 2.0kW  
Alternator: 12V, 50 amp with integral voltage regulator  
Glow Plugs: 12V  
High water temperature and low oil pressure switches  
Stop Solenoid: 12V integrated ETR stop solenoid eliminates external linkage

## MOUNTING

Standard crankcase side mounting pads for flexible mounting arrangements  
Rear engine support available from side mounting pads on SAE 5 housing

## DRIVES

SAE 5 flywheel housing and 7.5 in SAE flywheel  
Rotation direction: counter-clockwise, facing the flywheel end  
Side PTO drives are available for mounting at the gear end