



D03CJ-T-CAC

Tier 4 Final

41.5Hp @ 2500 rpm

SPECIFICATIONS

Model	D03CJ-T-CAC
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

Variable	41.5Hp (31kW)/2500 rpm
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DISCLAIMER All information provided is believed to be correct but is not guaranteed and subject to change without notice

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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

DPF/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 an 7.5 in SAE flywheel
Rotation direction: counter-clockwise, facing the flywheel end
Side PTO drives are available for mounting at the gear end

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