



D03CJ-TAADG

Tier 4 Final

35kW @ 1800 rpm

SPECIFICATIONS

Model	D03CJ-TAADG
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/1800 rpm
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DISCLAIMER All information provided is believed to be correct but is not guaranteed and subject to change without notice

Mitsubishi Turbocharger and Engine America, Inc.

Two Pierce Place 11th Floor
Itasca, IL 60143

www.mitsubishi-engine.com

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D03CJ-TAADG



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 4 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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