

# MITSUBISHI DIESEL ENGINE

# D04CJ-T-CAC

Model		D04CJ-T-CAC	
Specifications	Type	4-cycle, water-cooled, diesel Turbo	
	Bore x Stroke (mm)	86 x 95	
	Cylinder arrangement	Inline 4 Cyl.	
	Total Displacement (L)	2.207	
	Combustion System	Common Rail - DI	
	Dry Weight kg/lbs (w/o DPF)	270kg / 595lbs	
	Starting System	12 Volt Electric	
	Fuel Oil	Diesel fuel oil (ASTM No. 2-D)	
Power Unit	Power Rating Output HP (kWm)	1500 rpm	40.2 (30)
		1800 rpm	52.2 (39)
		2000 rpm	53.6 (40)
		2200 rpm	54.9 (41)
		2500 rpm	57.3 (42.7)



ECOSILENT ENGINE

"ECOSILENT ENGINE" REPRESENTS MHI'S PHILOSOPHY TO DEVELOP THE MOST ENVIRONMENTALLY-FRIENDLY ENGINE FOR ALL LIVES AND OUR EARTH.

## 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

## 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: D04CJ: 8.7 ltr

## FUEL & COMBUSTION SYSTEMS:

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

## MOUNTING:

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

## COOLING:

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

## ELECTRIC SYSTEM:

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

## GOVERNING:

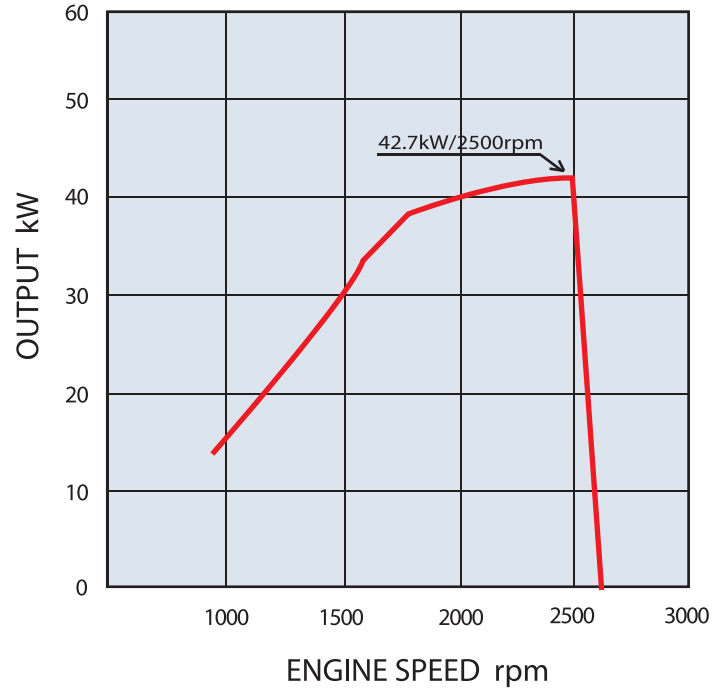
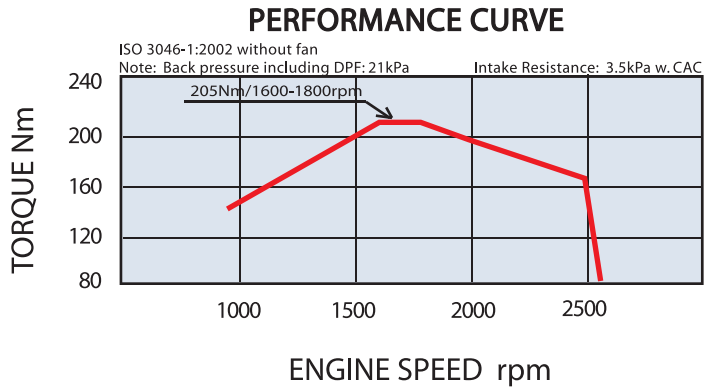
- Electronic governing is provided for variable speed

## DRIVES:

- SAE 5 flywheel housing and 7.5in 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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## DO4CJ-T-CAC Engine Technical Data



Mitsubishi reserves the right to change technical specifications without prior notification.

## MITSUBISHI NETWORK



### Manufacturing & Development



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### Service & Maintenance



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