

MITSUBISHI DIESEL ENGINE

D04EG-T-CAC

Model		D04EG-T-CAC
Specifications	Type	4-cycle, water-cooled, diesel Turbo
	Bore x Stroke (mm)	94 x 120
	Cylinder arrangement	Inline 4 Cyl.
	Total Displacement (L)	3.331
	Combustion System	Common Rail - DI
	Dry Weight kg/lbs (w/o DPF)	360kg / 793.6lbs
	Starting System	24 Volt Electric
	Fuel Oil	Diesel fuel oil (ASTM No. 2-D)
Power Unit	Power Rating	1500 rpm 77.8 (58)
	Output	1800 rpm 89.8 (67)
	HP (kWm)	2000 rpm 99.2 (74)



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 30° degrees of inclination and includes a full flow spin-on cartridge filter
- Forced circulation by trochoid gear pump
- Oil Capacity: D04EG: 10.0 ltr

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

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: 24V, 3.2kW
- Alternator: 24V, 50 amp with integral voltage regulator
- Glow Plugs: 24V
- High water temperature and low oil pressure switches
- Stop Solenoid: 24V integrated ETR stop solenoid eliminates external linkage

GOVERNING:

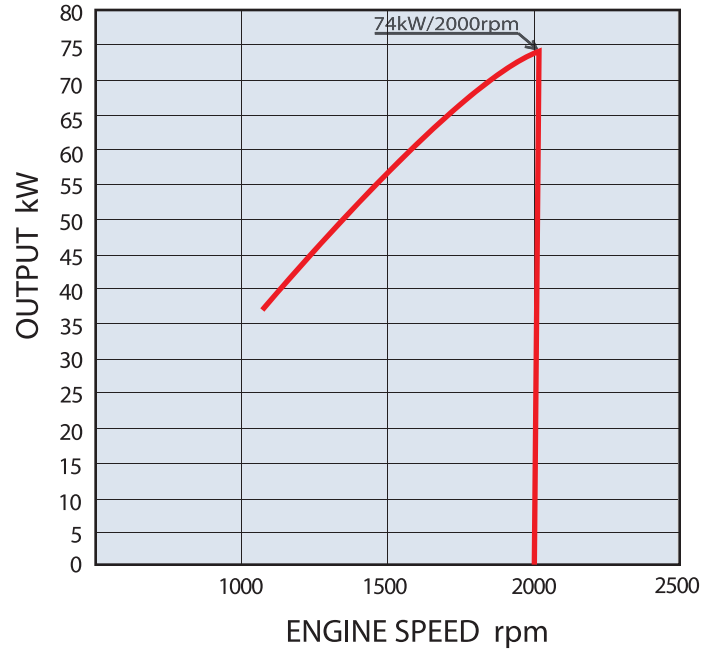
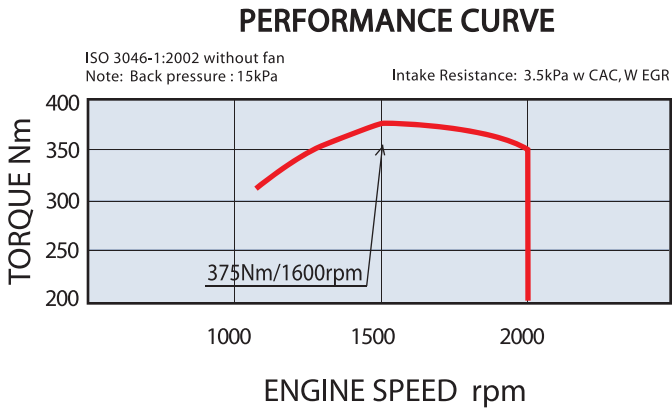
- Electronic governing is provided for variable speed

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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D04EG-T-CAC ENGINE TECHNICAL DATA



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

MITSUBISHI NETWORK



Manufacturing & Development



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