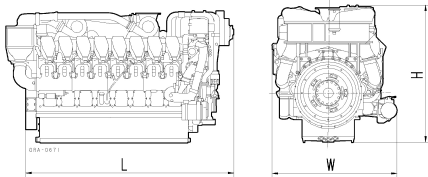


Industrial

Series 4000-00

for Industrial and Mining Applications



Dimensions and Masses

Engine	Dimensions (LxWxH) mm (in)	Mass, dry kg (lbs)
16V-00	3010x1590x1740 (118x63x68)	7085 (15620)

All dimensions are approximate, for complete information refer to the installation drawing.

Engine Model		
Bore/stroke	mm (in)	165/190 (6.5/7.5)
Cylinder configuration		90° V
Displacement/cylinder	l (cu in)	4.06 (248)
Displacement, total	l (cu in)	65.0 (3967)
Fuel specification		EN 590, Grade No.1-D/2-D

Engine Type	Rated Power ICFN			Peak Torque			Optimization
	Model	kW	bhp	rpm	Nm	lb-ft	
Application	Medium duty operation (5B)						
16V 4000 C20R	1864	2500	1900	10150	7485	1500	<input checked="" type="checkbox"/>
16V 4000 C20	2013	2700	1900	10933	8062	1500	<input checked="" type="checkbox"/>
16V 4000 C20L	2126	2850	1900	11177	8242	1800	<input checked="" type="checkbox"/>

Optimization Fuel consumption



Power. Passion. Partnership.

Application

5B

Power definition

Continuous operation w/variable load

Load factor: < 60 %, Operating hours: unrestricted, Overload: Fuel stop (ICFN)

Power output within 5% tolerance at standard conditions. Power definition according to ISO 3046 (ratings also correspond to SAE J 1995 and SAE J 1349 standard conditions)
Consult your MTU distributor/dealer for the rating that will apply to your specific application.

Standard Equipment

DDEC

Common rail fuel system

Exhaust turbocharging

Starter 24 V/18 kW

Seperate circuit charge air cooling (SCCC)

Flywheel housing SAE #00

Engine mounted fuel filters

3-point mount (Trunnion)

Oil centrifugal filters

Reference conditions:

> Intake-air temperature: 25°C (77°F)

> Altitude above sea level: 100 m (328 ft)

> Ambient air pressure: 1000 mbar

> Charge air coolant temperature: (dependent on Ratings)

Subject to change without notice. Customization possible. Engines illustrated in this document may feature options not fitted as standard to standard engine.

Optional Equipment

Air compressor 13 CFM

Hydraulic pump drives

Starter 24 V/30 kW

Air starter

Alternator 24 V/100/260 A

Fan clutch with various drive ratio

Fuel prefilter kit

Pre-lube pump

Belt drive PTO 's