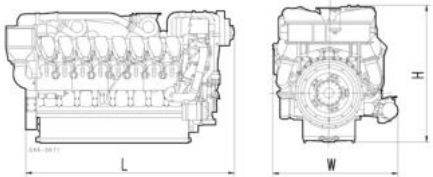# Series 4000-00
for Industrial and Mining Applications

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	rpm	
Application	Medium duty operation (5B)						
16V 4000 C20R	1864	2500	1900	10150	7485	1500	☒
16V 4000 C20	2013	2700	1900	10933	8062	1500	☒
16V 4000 C20L	2125	2850	1900	11177	8242	1800	☒

Optimization   ☒ Fuel consumption

Power. Passion. Partnership.

Application	Power definition	
5B	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	Optional Equipment
DDEC	Air compressor 13 CFM
Common rail fuel system	Hydraulic pump drives
Exhaust turbocharging	Starter 24 V/30 kW
Starter 24 V/18 kW	Air starter
Seperate circuit charge air cooling (SCCC)	Alternator 24 V/100/260 A
Flywheel housing SAE #00	Fan clutch with various drive ratio
Engine mounted fuel filters	Fuel prefilter kit
3-point mount (Trunnion)	Prelube pump
Oil centrifugal filters	Belt drive PTO´s

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.

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