

# DEUTZ TCD 5.1 L4

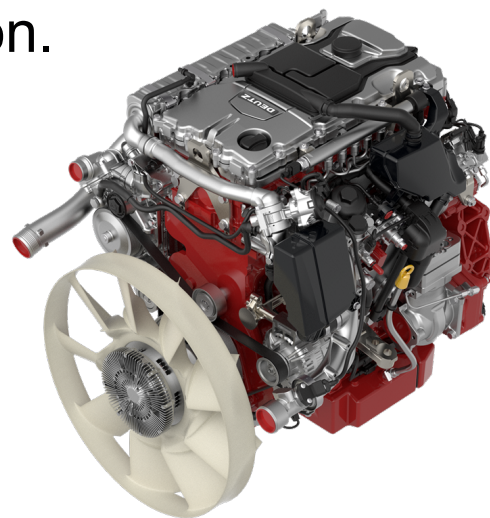
Powerful, Efficient and Compact



For mobile machinery

The T(T)CD 5.1 (OM934 ) series With up to 170 kW  
Power Output ideal for your Application.

- **POWERFUL** / Up to 170 kW & 950 Nm
- **LOW EMISSIONS** / EU Stage V, EPA Tier 4 & HVO ready
- **MODULAR** / Wide range of applications due to a variety of options
- **VERSATILE** / For C&I, Mining, Agriculture and Forestry applications



## TECHNICAL DATA

## DEUTZ T(T)CD 5.1

Engine Type		TCD 5.1	TTCD 5.1
Cylinder configuration		4 cyl./In-line	4 cyl./In-line
Displacement, total		l (cu in)	5.13 (313)
Aspiration		Turbocharger with charge air cooler	Dual stage turbocharger with charge air cooler
Bore/stroke		mm (in)	110/135 (4.3/5.3)
Fuel specification		DIN EN 590 Stand 2010ff DIN EN15904	DIN EN 590 Stand 2010ff DIN EN15904

## ENGINE PERFORMANCE

Engine Type	Rated power		Peak torque			Fuel consumpt. at rated power	Fuel consumpt. at peak torque
	kW	bhp	rpm	Nm	lb-ft		
TCD 5.1	115	154	2200	675	498	1200-1500	197
TCD 5.1 *	129	173	2200	750	553	1200-1600	197
TTCD 5.1	150	201	2200	850	627	1200-1600	192
TTCD 5.1 *	170	228	2200	950	701	1200-1600	194

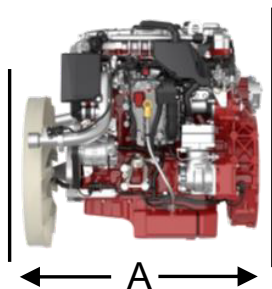
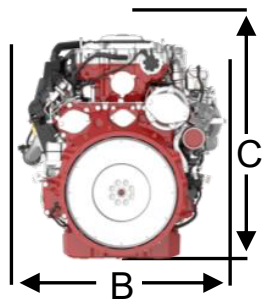
Ratings acc. to ECE R120

Emissions: Emission Flex Package (EFP) UN ECE R96 Stufe IIIA  
EU Nonroad Stage V (2016/1628)

EU Nonroad St. V (2016/1628) + EPA Nonroad T4

\*MSHA/CANMET certified optional with Code MDC9

## DIMENSIONS



Optional equipment and finishing shown. Standard may vary

Engine Type	Weight [kg] (lbs)	Dimensions [mm]		
		A	B	C
T(T)CD 5.1	510 (1124) <sup>1)</sup>	948	860	1033

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

<sup>1)</sup> DIN 70020

## ENGINE EQUIPMENT

## DEUTZ T(T)CD 5.1

Standard equipment	Optional equipment
24 Volt starter/generator	12 Volt starter/generator
Common rail injection system	SAE 2 flywheel housing
Electronic engine management	2 Aux REPTO
Electronic interface module	Air compressor
Turbo charging air to air cooling	AC compressor
High pressure EGR system	Flex engine mounts
One-box aftertreatment system with SCR/DPF/DOC incl. muffler	Elevated fan drive
Closed crankcase ventilation	Cooling fan
SAE 3 flywheel housing	Exhaust brake system

Reference conditions:

> Intake temperature: 25°C (77°F)

> Charge air temperature: 40°C

> Altitude: 200 m (656 ft)

> Air intake restriction: 25 mbar

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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