

DEUTZ TCD 10.7 L6

Powerful, Efficient and Compact



For mobile machinery

The TCD 10.7 (OM470) series With up to 340 kW Power Output ideal for your Application.

- **POWERFUL** / Up to 340 kW & 2200 Nm
- **LOW EMISSIONS** / EU Stage V, CN IV, 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 TCD 10.7

Engine Type		TCD 10.7
Cylinder configuration		6 cyl./In-line
Displacement, total	l (cu in)	10.7 (652)
Aspiration		Turbocharger with charge air cooler
Bore/stroke	mm (in)	125/145 (4.9/5.7)
Fuel specification		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	rpm	g/kWh	g/kWh
TCD 10.7	240	322	1600	1700	1254	1300	188	187
TCD 10.7	260	349	1600	1800	1328	1300	188	187
TCD 10.7 *	280	375	1600	1900	1401	1300	188	187
TCD 10.7	300	402	1600	2000	1475	1300	190	188
TCD 10.7 *	320	429	1600	2100	1549	1300	195	191
TCD 10.7	340	456	1600	2200	1623	1300	196	192

Ratings acc. to ECE R 120

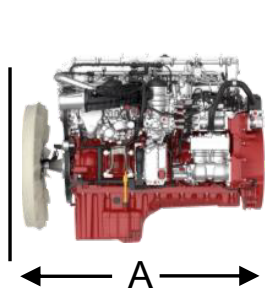
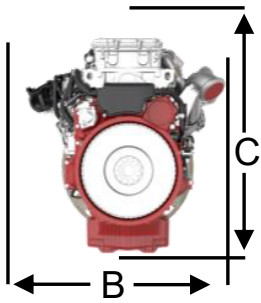
Emissions: Emission Flex Package (EFP) UN ECE R96 Stufe IIIA

EU Nonroad Stage V (2016/1628)

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

*CANMET certified optional MDD0

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) ¹⁾	948	860	1033

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

¹⁾ DIN 70020

ENGINE EQUIPMENT

DEUTZ TCD 10.7

Standard equipment	Optional equipment
24 Volt starter/generator	12 Volt starter/generator
Common rail injection system	SAE 1 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 1 flywheel housing	Open crankcase ventilation
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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