

DEUTZ TCD 15.6 L6

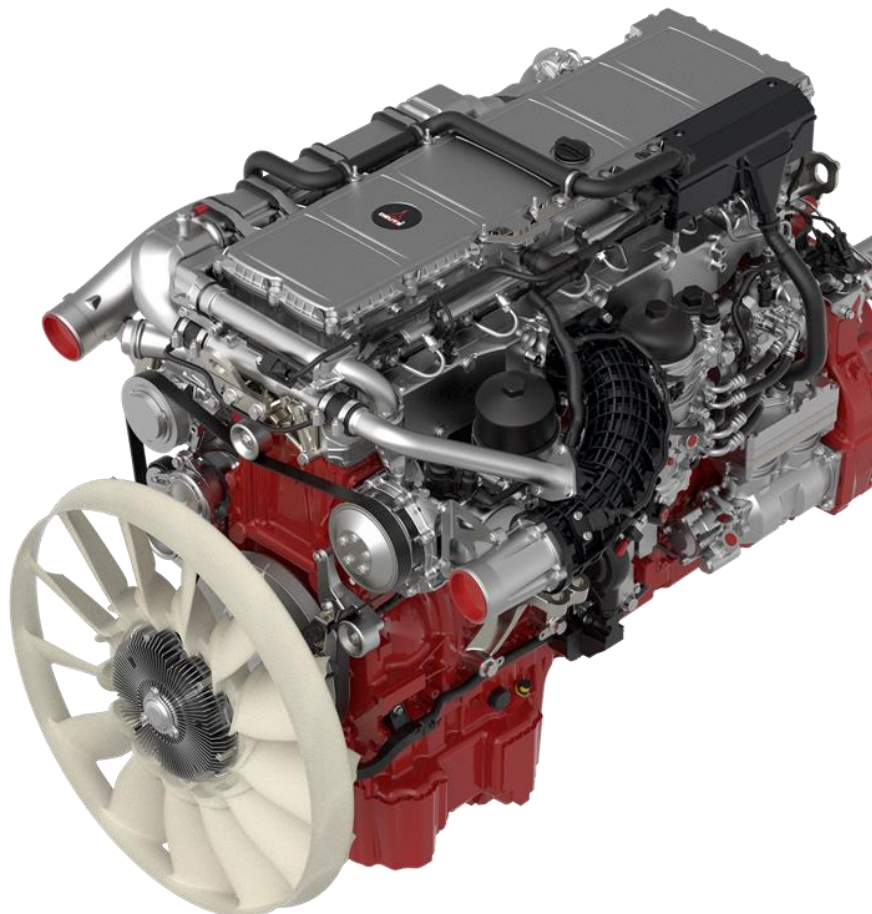
Powerful, efficient and compact.



For mobile & stationary machinery

The TCD 15.6 (OM473) series – With up to 480 kW Power Output ideal for your Application.

- **POWERFUL** / Up to 480 kW & 3100 Nm
- **LOW EMISSIONS** / EU Stage V , CN IV, Tier 4 & HVO ready
- **MODULAR** / Wide range of applications due to a variety of options
- **VERSATILE** / For C&I, Mining, Agriculture and Forestry applications



Engine Type		TCD 15.6
Cylinder configuration		6 cyl./In-line
Displacement, total	l (cu in)	15.6 (781)
Aspiration		Turbocharger with charge air cooler
Bore/stroke	mm (in)	139/171 (5.5/6.7)
Fuel specification		DIN EN 590 Stand 2010ff DIN EN15904

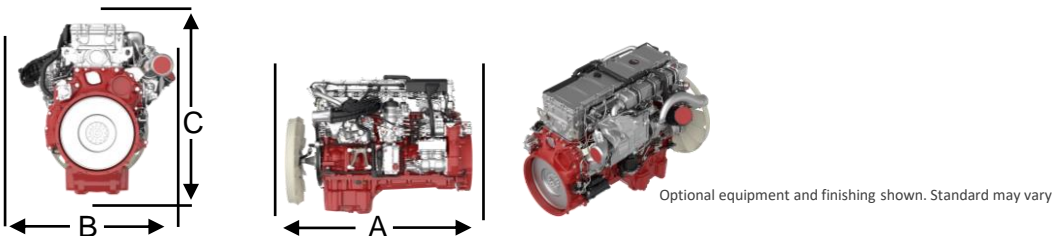
ENGINE PERFORMANCE

Engine Type	Rated power		Peak torque			Fuel consumpt. at rated power	Fuel consumpt. at peak torque	
	kW	bhp	rpm	Nm	lb-ft			
TCD 15.6	380	510	1600	2600	1918	1300	192	186
TCD 15.6	400	536	1600	2700	1991	1300	192	186
TCD 15.6	430	577	1600	2850	2102	1300	193	187
TCD 15.6	460	617	1600	3000	2213	1300	195	189
TCD 15.6	480	644	1600	3100	2286	1300	197	190

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

DIMENSIONS



Engine Type	Weight [kg] (lbs)	Dimensions [mm]		
		A	B	C
TCD 15.6	1230 (2711.7) ¹⁾	1442	1099	1237

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

¹⁾ DIN 70020



Standard equipment	Optional equipment
24 Volt starter/generator	12 Volt starter/generator
Common rail injection system	2 Aux REPTO
Electronic engine management	Air compressor
Electronic interface module	AC compressor
Turbo charging air to air cooling	Flex engine mounts
High pressure EGR system	Elevated fan drive
One-box aftertreatment system with SCR/DPF incl. muffler	Cooling fan
Closed crankcase ventilation	Open crankcase ventilation
SAE 1 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.

