

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



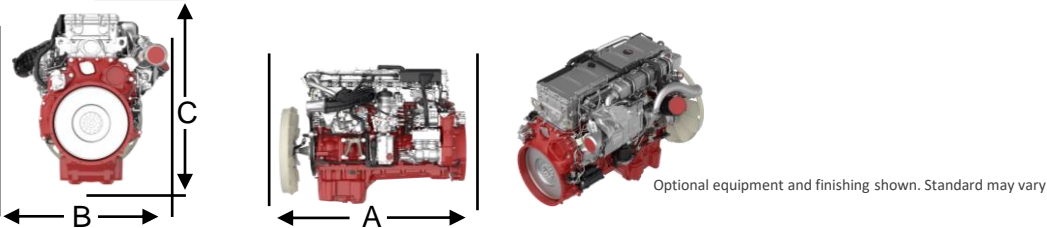
| Engine Type | | TCD 15.6 |
|------------------------|-----------|--|
| Cylinder configuration | | 6 cyl./In-line |
| Displacement, total | l (cu in) | 15.6 (781) |
| Aspiration | | Turbocharger with charge air cooler |
| Bore/stroke | mm (in) | 139/171 (5.5/6.7) |
| Fuel specification | | DIN EN 590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

