

# TCD 2015

For mobile machinery

240 - 500 kW | 322 - 670 hp at 1900 - 2100 min<sup>-1</sup> | rpm

EU Stage IIIA / US EPA Tier 3

- Water-cooled V6 and V8 engines with turbocharging, charge air cooling and four-valve technology.
- Very compact engine design reduces the installation costs.
- Wet cylinder liners, long oil change intervals and easy changing of the engine fluids reduce the running and service costs and increase the availability of the machinery.
- Best cold starting properties even under extreme conditions.



- The V6 is also available as a flat version for extremely compact installations.

- Low noise emissions due to acoustically optimized components with very smooth running and high durability.
- Electronic, solenoid valve-controlled DEUTZ MV-System® (pump-line-nozzle) ensures optimum engine performance at low consumption.
- The robust engine design allows worldwide operation even with high sulphur fuels.

## Technical data

Engine type		TCD 2015 V06	TCD 2015 V08
No. of cylinders		6	8
Bore/stroke	mm   in	132/145   5.2/5.7	132/145   5.2/5.7
Capacity	l   cu in	11.9   726	15.9   970
Compression ratio		17.5:1	17.5:1
Nominal speeds	min <sup>-1</sup>   rpm	1800 - 2100	1800 - 2100
Power output <sup>1)</sup>		TCD 2015 V06	TCD 2015 V08
Power output as per ISO 14396	kW   hp	360   483	500   670
at speed	min <sup>-1</sup>   rpm	1900 / 2100	1900 / 2100
Max. torque	Nm   lb/ft	2080   1534	2890   2132
at speed	min <sup>-1</sup>   rpm	1300	1400
Minimum idling speed	min <sup>-1</sup>   rpm	600	600
Specific fuel consumption <sup>2)</sup>	g/kWh   lb/hph	202   0.332	207   0.34
Weight as per DIN 70020 Part 7A <sup>3)</sup>	kg   lb	1020   2249	1245   2745

1) Capacity data without deduction of fan capacity

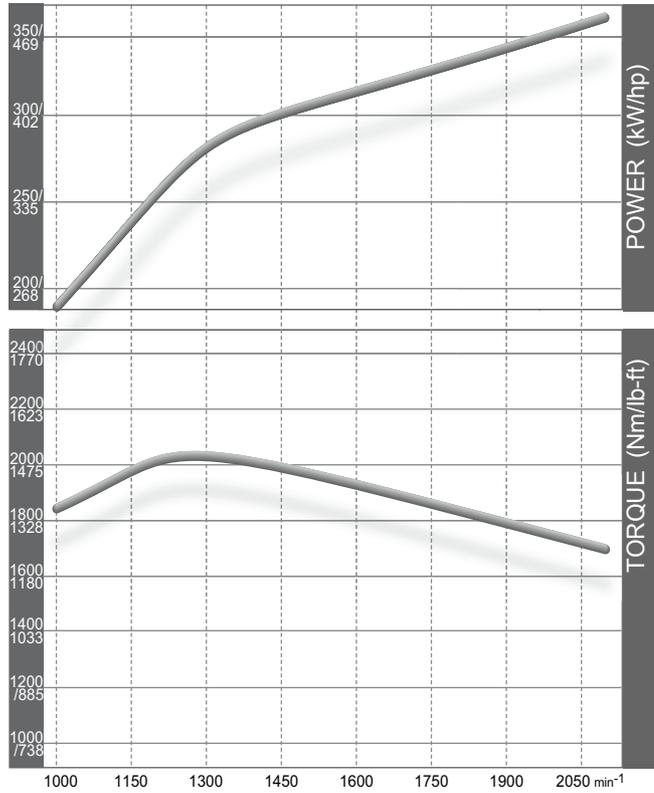
2) Best full load consumption refers to diesel with a density of 0.835 kg/dm<sup>3</sup> at 15°C | 6.96 lb/US gallon at 60°F.

3) Without starter/dynamo, cooler and fluids but with flywheel and flywheel housing.

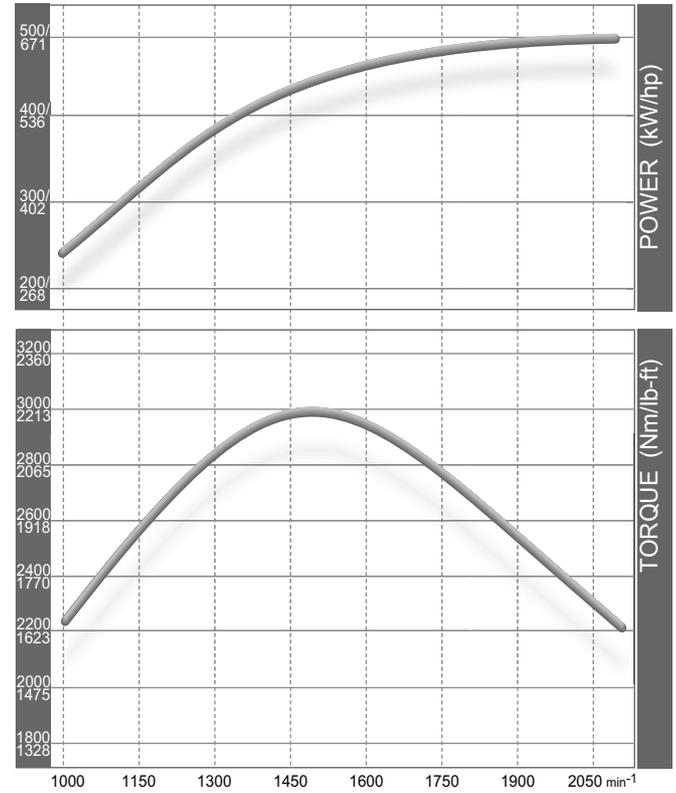
The data on this data sheet are for information purposes only and are not binding values. The data in the quotation is definitive.

## Torque curve

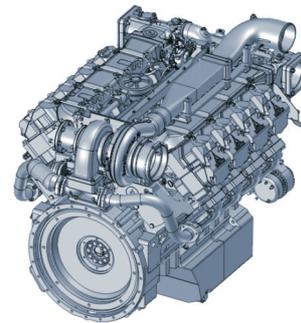
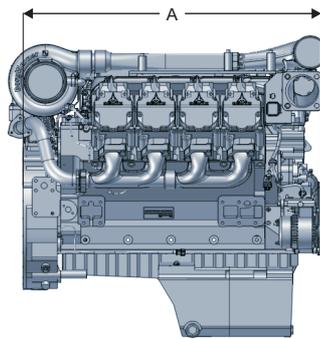
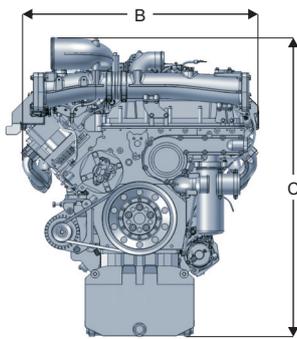
TCD 2015 V 06 - 360 kW|483 hp



TCD 2015 V 08 - 500 kW|670 hp



## Dimensions



		A	B	C
TCD 2015 V06	mm   in	985   38.78	932   36.69	1141   44.88
TCD 2015 V08	mm   in	1141   44.88	932   36.69	1172   46.14

Note: The engine dimensions and weights vary depending on the scope of delivery.

For more information please contact the DEUTZ AG Köln or the responsible sales partner.

