

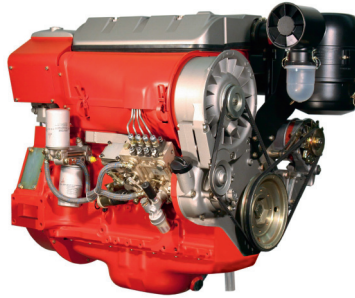
# D 914

For mobile machinery

43 - 129.9 kW | 57.7 - 174.2 hp at 2300 min<sup>-1</sup>|rpm

EU Stage IIIA / US EPA Tier 3

- Air-cooled 3 to 6-cylinder naturally aspirated engines in inline arrangement.
- 6-cylinder with turbocharging, charge-air cooled.
- Capacity: 1.1 l/cylinder, modular system with single cylinders.
- The robust engine design allows worldwide operation even with high sulphur fuels.
- Low noise emissions due to acoustically optimized components with very smooth running and high durability.



- Highly efficient injection and combustion system ensures optimum engine performance at low consumption.

- Flywheel and end 100% power takeoff possibilities PTO drives for hydraulic pumps and compressor possible, only a few maintenance points, long oil change intervals.
- Very compact engine design reduces the installation costs.
- Best cold starting properties even under extreme conditions.
- The engines in the power range < 56 kW meets to the US EPA Tier 4 i.

## Technical data

Engine type		D 914 L3	D 914 L4	D 914 L5
No. of cylinders		3	4	5
Bore/stroke	mm   in	102/132   4.0/5.2	102/132   4.0/5.2	102/132   4.0/5.2
Capacity	l   cu in	3.2   195	4.3   262	5.4   330
Compression ratio		21:1	21:1	21:1
Nominal speeds	min <sup>-1</sup>   rpm	2000 - 2300	2000 - 2300	2000 - 2300

Power output <sup>1)</sup>		D 914 L3	D 914 L4	D 914 L5
Power output as per ISO 14396	kW   hp	43   58	58   78	72.5   97.2
at speed	min <sup>-1</sup>   rpm	2300	2300	2300
Max. torque	Nm   lb/ft	204   150.5	273   201.4	337   248.6
at speed	min <sup>-1</sup>   rpm	1500	1500	1500
Minimum idling speed	min <sup>-1</sup>   rpm	700	700	650 - 700
Specific fuel consumption <sup>2)</sup>	g/kWh   lb/hph	225   0.37	220   0.362	218   0.358
Weight as per DIN 70020 Part 7A <sup>3)</sup>	kg   lb	277   611	307   677	380   838

1) Gross capacity data without deduction of fan capacity

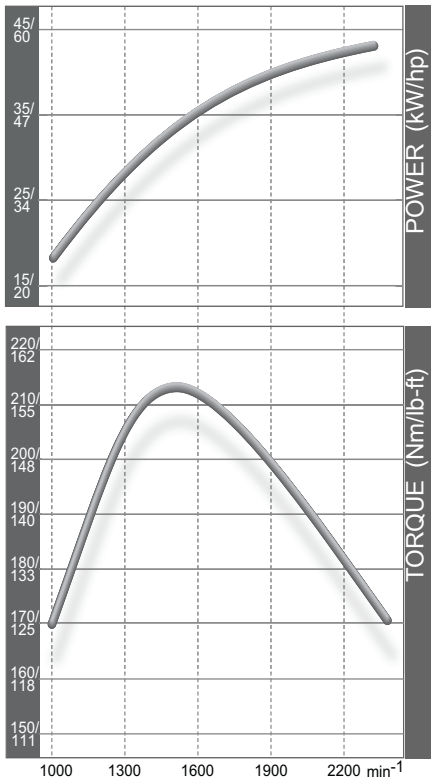
2) Best full load consumption without cooling system refers to diesel with a density of 0.835 kg/dm<sup>3</sup> at 15°C | 6.96 lb/US gallon at 60° F.

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

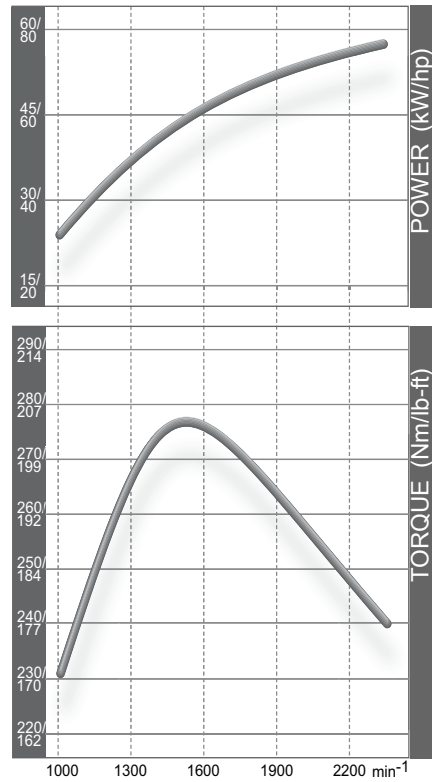
The data on this data sheet are for information purposes only and are not binding values. The data in the quotation is definitive.

## Torque curve

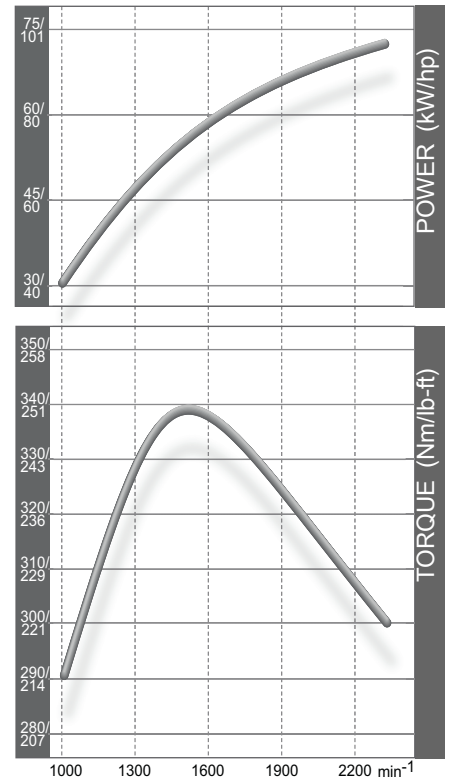
D 914 L3 - 43 kW|58 hp



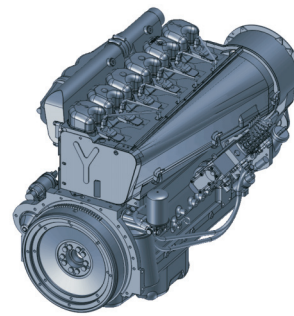
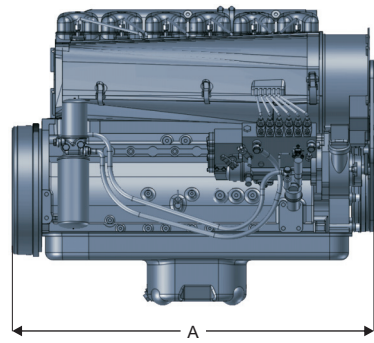
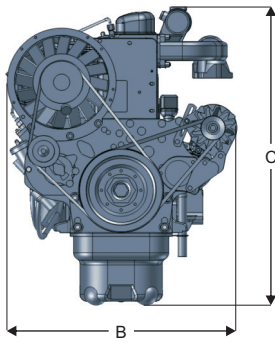
D 914 L4 - 58 kW|78 hp



D 914 L5 - 72.5 kW|97.2 hp



## Dimensions



		A	B	C
D 914 L3	mm   in	708   27.87	666   26.22	796   31.34
D 914 L4	mm   in	838   32.99	666   26.22	800   31.5
D 914 L5	mm   in	965   37.99	657   25.87	834   32.83
D 914 L6	mm   in	1084   42.68	662   26.06	870   34.25
TCD 914 L6	mm   in	1092   42.99	720   28.35	1184   46.61

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

## Technical data

Engine type		D 914 L6	TCD 914 L6
No. of cylinders		6	6
Bore/stroke	mm   in	102/132   4.0/5.2	102/132   4.0/5.2
Capacity	l   cu in	6.5   397	6.5   397
Compression ratio		21:1	19:1
Nominal speeds	min <sup>-1</sup>   rpm	2300	2300
Power output <sup>1)</sup>		D 914 L6	TCD 914 L6
Power output as per ISO 14396	kW   hp	86.5   116	129.9   174.2
at speed	min <sup>-1</sup>   rpm	2300	2300
Max. torque	Nm   lb/ft	375   276.6	650   479.4
at speed	min <sup>-1</sup>   rpm	1500	1600
Minimum idling speed	min <sup>-1</sup>   rpm	650 - 700	650 - 700
Specific fuel consumption <sup>2)</sup>	g/kWh   lb/hph	220   0.362	220   0.362
Weight as per DIN 70020 Part 7A <sup>3)</sup>	kg   lb	420   926	510   1124

1) Gross capacity data without deduction of fan capacity

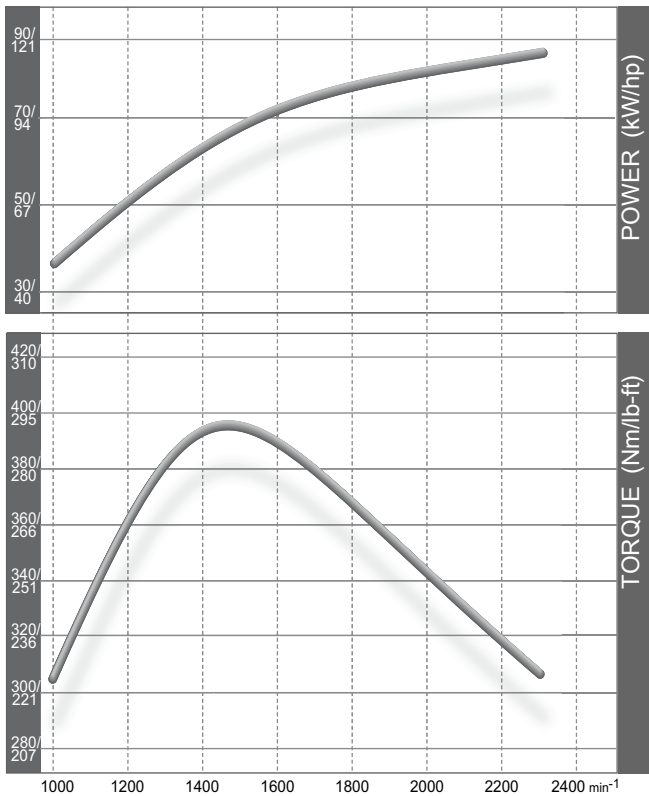
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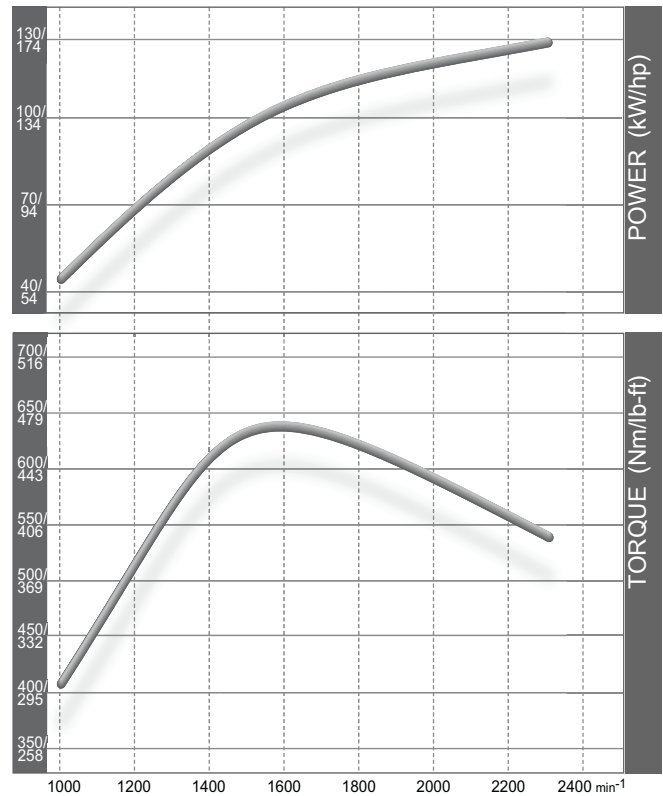
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## Torque curve

D 914 L6 - 86.5 kW|116 hp



TCD 914 L6 - 129.9 kW|174.2 hp



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

