

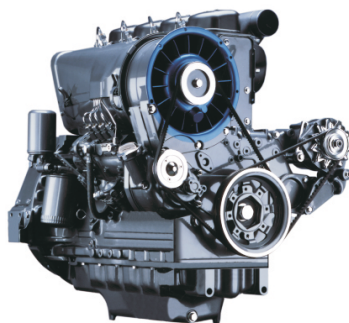
FL 912/W

for mobile machinery

24 - 82 kW|31 - 110 hp at 1500 - 2500 min⁻¹|rpm

China stage II

- W engines with indirect injection to reduce emissions.
- Air-cooled 3 to 6-cylinder naturally aspirated engines in inline arrangement.
- 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 performance even under extreme conditions.
- The W engines fulfil the requirements of the China stage II.

Technical data

Engine type		F3L912	F4L912 / W	F5L912 / W	F6L912 / W
No. of cylinders		3	4	5	6
Bore/stroke	mm in	102/132 4.02/5.20	102/132 4.02/5.20	102/132 4.02/5.20	102/132 4.02/5.20
Displacement	l cu in	3.23 197.1	4.31 263.0	5.35 326.5	6.47 394.8
Maximum nominal speed	min ⁻¹ rpm	2500	2500	2500	2500

Power output ¹⁾		F3L912	F4L912 / W	F5L912 / W	F6L912 / W
Power output as per ISO 14396	kW hp	40 54	54/46 72/62	68/57 91/76	82/69 110/93
at speed	min ⁻¹ rpm	2500	2500	2500	2500
Max. torque	Nm lb/ft	185 136.4	247 182.2	308 227.2	370 272.9
at speed	min ⁻¹ rpm	1450	1450	1450	1450
Minimum idling speed	min ⁻¹ rpm	650	650	650	650
Specific fuel consumption ²⁾	g/kWh lb/hph	225 0.370	225 0.370	225 0.370	225 0.370
Weight as per DIN 70020 Part 7A ³⁾	kg lb	277 611	307 677	380 838	430 948

1) Net capacity data with a deduction for fan performance.

2) Best full load consumption, relates to diesel fuel with a density of 0.835 kg/dm³ at 15°C.

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

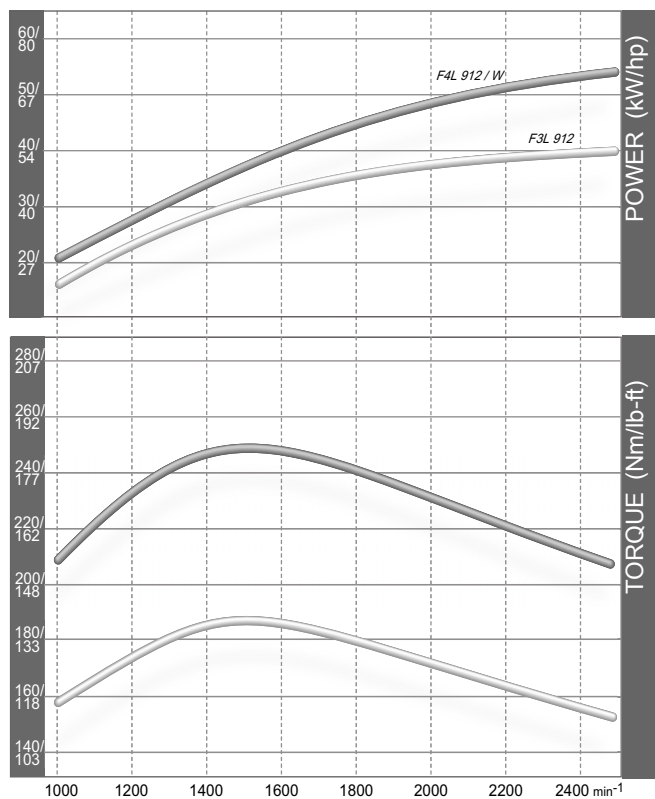
The data on this data sheet are for information purposes only and are not binding values. The data in the quotation is definitive.

The engine company.

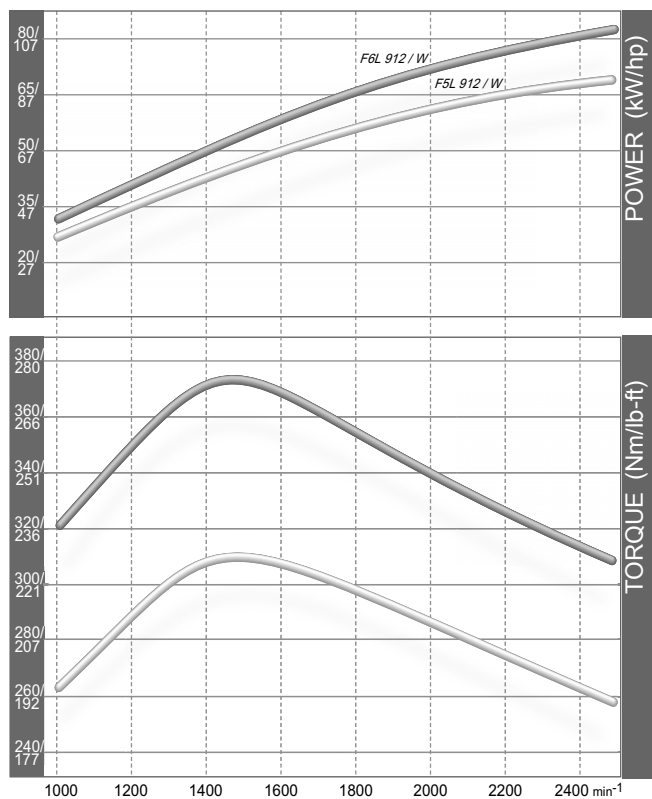


Torque curve

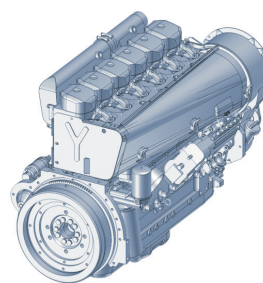
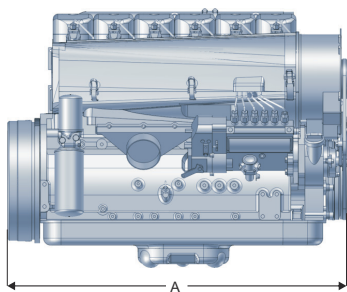
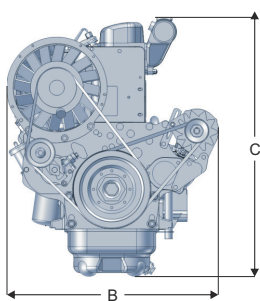
F3L912 / F4L912/W



F5L912/W / F6L912/W



Dimensions



		A	B	C
F3L912	mm in	697 27.44	679 26.73	796 31.34
F4L912 / W	mm in	807 31.77	679 26.73	796 31.34
F5L912 / W	mm in	954 37.56	679 26.73	833 32.80
F6L912 / W	mm in	1084 42.68	679 26.73	806 31.73

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

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



DEUTZ AG • Ottostraße 1 • 51149 Köln • Deutschland • Telefon +49 (0) 221 822-0 • Telefax +49 (0) 221 822-3525 • www.deutz.com • E-Mail: info@deutz.com