

# 913. The Genset Engine.

102-145 kVA at 1500/1800 min<sup>-1</sup> | rpm



## The engine with integrated cooling system.

### These are the characteristics of the 913 Gen:

6 cylinder turbocharged as well as turbocharged and charge air cooled in-line engines.

Displacement: 1.0 l/cylinder.

Unit construction system with individual cylinders.

Advanced injection and combustion system.

Electronic governor (GAC) as option.

Worldwide proven: Over 3.0 million engines in service.

Only a few service points.

Powerful and compact, low weight.

Global service network with over 1,000 locations.

### Your benefits:

- ▶ Space-saving and cost-effective installation with minimum weight and small space requirement.
- ▶ High quality combined with highly matured, simple configuration.
- ▶ Low maintenance requirements together with legendary durability.
- ▶ Outstanding load acceptance ensures immediate power supply.



#### Dimensions and weights

##### BF 6L 913

Length:	mm   inch	1125   44.3
Width:	mm   inch	726   28.6
Height:	mm   inch	919   36.2
Weight:	kg   lb	585   1290

##### BF 6L 913 C

Length:	mm   inch	1387   54.6
Width:	mm   inch	739   29.1
Height:	mm   inch	992   39.1
Weight:	kg   lb	610   1345

## ► Rating table: 913. The Genset Engine. 50/60 Hz

Engine type		BF 6L 913		BF 6L 913 C	
Speed	min <sup>-1</sup>   rpm	1500	1800	1500	1800
Frequency	Hz	50	60	50	60
<b>Engine/genset ratings<sup>1)</sup></b>					
Continuous power, ICN (COP) <sup>2)</sup>	kW   hp	88   118.0	106   142.1	114   152.9	137   183.7
Prime power, ICN (PRP) <sup>3)</sup>	kW   hp	92   123.4	110   147.5	119   159.6	144   192.4
Limited-time running power, IFN (LTP) <sup>4)</sup>	kW   hp	97   130.1	116   155.6	125   167.6	151   202.5
<b>Typical generator power output</b>					
Typical generator power output (COP) <sup>5)</sup>	kVA/kWe	102	99	133	127
Typical generator power output (PRP) <sup>5)</sup>	kVA/kWe	107	102	138	134
Typical generator power output (LTP) <sup>5)</sup>	kVA/kWe	113	108	145	140
<b>Spec. fuel consumption (COP)<sup>6)</sup></b>					
100 % load	g/kWh   lb/hp-hr	218   0.353	226   0.366	208   0.337	208   0.337
75 % load	g/kWh   lb/hp-hr	214   0.347	220   0.356	208   0.337	208   0.337
50 % load	g/kWh   lb/hp-hr	226   0.366	234   0.379	213   0.345	217   0.352
25 % load	g/kWh   lb/hp-hr	285   0.462	300   0.486	246   0.399	258   0.418

- 1) Possibly power reduction depending on altitude and temperature. Please contact DEUTZ.  
 2) Continuous power 100 % available at flywheel, plus 10 % extra power for governing purposes.  
 3) Prime power 100 %, mean power output 60 %, no time limitation, plus 5 % extra power for governing purposes.

- 4) Limited-time running power 100 %, which must be available during 500 running hrs/year, thereof max. 300 running hrs/year continuously, no overload permissible; the required extra power for governing purposes must be taken into account however.  
 5) Taking into account typical generator efficiency of 93 % and power factor cos (Φ) = 0.8.  
 6) For fuel specification see operation manual.

The values given in this data sheet are for information purposes only and not binding. The information given in the offer is decisive.

### Standard specification

<b>Standard engine:</b>	Flywheel housing SAE 3, flywheel with 8"/10" connection.
<b>Cooling system:</b>	Integrated cooling system, V-belt guard.
<b>Exhaust system:</b>	Exhaust manifold with elbow, counterflange (loose).
<b>Filter:</b>	Dry-air cleaner with mech. restriction indicator, fuel filter.
<b>Engine electrics:</b>	Alternator 14 V, 55 A; starter motor with 12 V, 3 kW.
<b>Governor:</b>	Mechanical (Bosch, RSV) or electronic (GAC).



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