

914. The Genset Engine.

45-75 kVA at 1500 min⁻¹ | rpm; 40-70 kWe at 1800 min⁻¹ | rpm



The engine with integrated cooling system.

These are the characteristics of the 914 Gen:

4 and 6-cylinder naturally aspirated engines.

Displacement: 1.1 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.

Your benefits:

- ▶ Space-saving and cost-effective installation due to 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.
- ▶ Worldwide service network with over 1,000 locations.
- ▶ Geared to the future since optionally European and US American exhaust emission standards of level II are fulfilled.



Dimensions and weights

F 4L 914

Length: mm | inch 777 | 30.6

Width: mm | inch 704 | 27.7

Height: mm | inch 796 | 31.3

Weight: kg | lb 402 | 886

F 6L 914

Length: mm | inch 1057 | 41.6

Width: mm | inch 704 | 27.7

Height: mm | inch 806 | 31.7

Weight: kg | lb 541 | 1193

► Rating table: 914. The Genset Engine. 50 Hz

Engine type		F4L 914	F6L 914
Speed	min ⁻¹ rpm	1500	1500
Frequency	Hz	50	50
Engine/genset ratings¹⁾			
Continuous power, ICN (COP) ²⁾	kW hp	41,0 55,0	62,0 83,1
Prime power, ICN (PRP) ³⁾	kW hp	43,0 57,6	65,0 87,2
Limited-time running power, IFN (LTP) ⁴⁾	kW hp	45,5 61,0	68,5 91,6
Typical generator power output			
Typical generator power output (COP) ⁵⁾	kVA	45	70
Typical generator power output (PRP) ⁵⁾	kVA	45	70
Typical generator power output (LTP) ⁵⁾	kVA	50	75
Spec. fuel consumption (COP)⁶⁾			
100 % load	g/kWh lb/hp-hr	205 0.332	204 0.330
75 % load	g/kWh lb/hp-hr	207 0.335	205 0.332
50 % load	g/kWh lb/hp-hr	228 0.369	220 0.356
25 % load	g/kWh lb/hp-hr	325 0.526	315 0.510

► Rating table: 914. The Genset Engine. 60 Hz

Engine type		F4L 914	F6L 914
Speed	min ⁻¹ rpm	1800	1800
Frequency	Hz	60	60
Engine/genset ratings¹⁾			
Continuous power, ICN (COP) ²⁾	kW hp	48,5 65,0	73,0 97,9
Prime power, ICN (PRP) ³⁾	kW hp	51,0 68,4	76,5 102,6
Limited-time running power, IFN (LTP) ⁴⁾	kW hp	53,5 71,7	80,5 107,9
Typical generator power output			
Typical generator power output (COP) ⁵⁾	kWe	40	65
Typical generator power output (PRP) ⁵⁾	kWe	45	65
Typical generator power output (LTP) ⁵⁾	kWe	45	70
Spec. fuel consumption (COP)⁶⁾			
100 % load	g/kWh lb/hp-hr	210 0.340	207 0.335
75 % load	g/kWh lb/hp-hr	212 0.343	209 0.338
50 % load	g/kWh lb/hp-hr	234 0.379	228 0.369
25 % load	g/kWh lb/hp-hr	335 0.543	300 0.486

1) Possibly power reduction depending on altitude and temperature. Please contact DEUTZ.

2) Continuous power 100 % available at flywheel, no time limitation, 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 88.5 - 91.0 % 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. Exhaust-optimized ratings on request.

Standard specification

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



The engine company.

DEUTZ AG
DEUTZ MOTOR

Deutz-Mülheimer Str. 147-149
D-51063 Köln
Phone: + 49 (0) 2 21-8 22-0
Fax: + 49 (0) 2 21-8 22-25 68
Internet: www.deutz.de
eMail: info@deutz.de



Blue Ridge Diesel
1016 Delaware Street
P.O. Box 867, Salem, VA 24153

PHONE (540) 389-7296 - FAX (540) 387-2792



Blue Ridge Diesel is one of the leading import diesel engine houses on the east coast of the U.S. Our sales department personnel are qualified to assist you in the proper sizing and selection of an engine for your application. Whether you are working with industrial, construction, agricultural, marine, or mining equipment, our knowledgeable people can help in many ways. From equipment repowering to specifying an engine for new equipment, our competent sales staff is ready to assist you and answer any questions you may have.

Contact Info:

info@blueridgediesel.com

540-389-7296



Blue Ridge Diesel
1016 Delaware Street
P.O. Box 867, Salem, VA 24153

PHONE (540) 389-7296 - FAX (540) 387-2792

