

910. The Genset Engine.

13.5-46 kVA at 1500 / 3000 min⁻¹ | rpm; 13.5-24 kW at 1800 min⁻¹ | rpm



The engine with integrated cooling system.

These are the characteristics of the 910 Gen:

- 2, 3 cylinder naturally aspirated in-line engines.
- Displacement : 0.82 litre.
- Unit construction system with individual cylinders.
- Advanced injection and combustion system.
- Worldwide proven: Over 66,000 engines in service.
- Only a few service points.
- Powerful and compact, low weight.

Your benefits:

- ▶ Space-saving and cost-effective installation thanks to integrated cooling system.
- ▶ Low maintenance requirements together with legendary durability.
- ▶ High quality combined with highly matured, simple configuration.
- ▶ Outstanding load acceptance ensures immediate power supply.
- ▶ Global service network with over 1,000 locations.



Dimensions and weights

D 910 L 02

Length:	mm inch	545 21.4
Width:	mm inch	502 19.8
Height:	mm inch	687 27.0
Weight:	kg lb	185 407.8

D 910 L 03

Length:	mm inch	708 27.9
Width:	mm inch	522 20.5
Height:	mm inch	689 27.1
Weight:	kg lb	229 504.8

► Rating table: 910. The Genset Engine. 50/60 Hz

Engine type		D 910 L 02			D 910 L 03		
Speed	min ⁻¹ rpm	1500	1800	3000	1500	1800	3000
Frequency	Hz	50	60	50	50	60	50
Engine/genset ratings¹⁾							
Continuous power, ICN (COP) ²⁾	kW hp	12.7 17.0	15.5 20.8	23.3 31.2	18.8 25.2	23.3 31.2	35.5 47.6
Prime power, ICN (PRP) ³⁾	kW hp	14.0 18.8	17.2 23.1	25.5 34.2	20.5 27.5	25.5 34.2	38.8 52.0
Limited-time running power, IFN (LTP) ⁴⁾	kW hp	15.1 20.2	18.6 24.9	27.6 37.0	22.3 29.9	27.7 37.1	42.0 56.3
Typical generator power output							
Typical generator power output (COP) ⁵⁾	kVA/kWe	13.5	13.5	25.0	20.0	20.0	39.0
Typical generator power output (PRP) ⁵⁾	kVA/kWe	15.0	15.0	28.0	22.0	22.0	43.0
Typical generator power output (LTP) ⁵⁾	kVA/kWe	16.0	16.0	30.0	24.0	24.0	46.0
Spec. fuel consumption (COP)⁶⁾							
100 % load	g/kWh lb/hp-hr	235 0.381	230 0.373	265 0.429	235 0.381	230 0.373	265 0.429
75 % load	g/kWh lb/hp-hr	241 0.390	238 0.386	274 0.444	241 0.390	238 0.386	274 0.444
50 % load	g/kWh lb/hp-hr	265 0.429	260 0.421	300 0.486	265 0.429	260 0.421	300 0.486
25 % load	g/kWh lb/hp-hr	340 0.551	330 0.535	380 0.616	340 0.551	330 0.535	380 0.616

- 1) Possibly power reduction depending on altitude and temperature. Every 5° C above standard reference temperature: 5 % power loss. Every 100 m additional erection altitude above standard reference altitude (100 m above sea level): 2.5 % power loss.
- 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 84 - 87 % and power factor cos (φ) = 0.8.
- 6) For fuel specification see operation manual. The indicated specific fuel consumption values only apply to the fully run-in engine with a tolerance of ± 5 %.

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

- Standard engine:** Flywheel housing SAE 4, flywheel: heavy genset flywheel, SAE 7.5" für 1500/1800 min⁻¹ | rpm, light 7.5" flywheel for 3000 min⁻¹ | rpm.
- Cooling system:** Integrated cooling system, V-belt guard.
- Exhaust system:** Exhaust manifold with elbow, counterflange (loose).
- Filter:** Oil bath air cleaner, exchangeable fuel and lube oil filters.
- Engine electrics:** Alternator 14 V, 33 A; starter motor with 12 V, 2.3 kW.
- Governor:** Mechanical centrifugal governor, high control quality.



The engine company.

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