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# 1015. The Genset Engine.

211-558 kVA at 1500/1800 min<sup>-1</sup> | rpm



## These are the characteristics of the 1015 Gen:

Extremely compact and powerful.

Very low noise emissions.

State-of-the-art technology with electronic control.

Reliability, durability and long service intervals.

## Your benefits:

- ▶ The compact 1015 engines save installation space and thus installation costs, resulting in a favourable power-to-weight ratio.
- ▶ The silent 1015 engines reduce your noise attenuation requirements and thus cut down your installation costs as well.
- ▶ The advanced combustion system guarantees low fuel consumption as well as long service intervals, thus reducing operating costs.
- ▶ The 1015 engines meet exhaust emission regulations and are thus geared to the future.



### Dimensions and weights/without radiator

#### BF 6M 1015 CP

Length :	mm   inch	1638   64.5
Width:	mm   inch	1515   59.6
Height:	mm   inch	1924   75.7
Weight:	kg   lb	850   1874

#### BF 8M 1015 CP

Length :	mm   inch	1764   69.4
Width:	mm   inch	1815   71.5
Height:	mm   inch	1849   72.8
Weight:	kg   lb	1060   2337

## ► Rating table: 1015. The Genset Engine. 50 Hz

Engine type		BF6M 1015	BF6M 1015 C	BF6M 1015 C	BF6M 1015 CP	BF8M 1015 C	BF8M 1015 C	BF8M 1015 CP
Rating category		—	G1	G2	G3	G1	G2	G3
Speed	min <sup>-1</sup>   rpm	1500	1500	1500	1500	1500	1500	1500
<b>Engine/genset ratings <sup>1)</sup></b>								
Continuous power, ICN (COP) <sup>2)</sup>	kW   hp	195   261	250   335	—   —	303   406	333   447	—   —	399   535
Prime power, ICN (PRP) <sup>3)</sup>	kW   hp	210   282	285   382	315   422	338   453	380   510	402   539	448   601
Limited-time running power, IFN (LTP) <sup>4)</sup>	kW   hp	231   310	314   421	345   463	365   489	418   561	459   616	490   657
<b>Typical generator power output</b>								
Typical generator power output (COP) <sup>5)</sup>	kVA	211	271	—	334	375	—	450
Typical generator power output (PRP) <sup>5)</sup>	kVA	228	311	358	381	432	457	508
Typical generator power output (LTP) <sup>5)</sup>	kVA	253	344	389	412	477	527	558
<b>Spec. fuel consumption (PRP)</b>								
100 % load	g/kWh   lb/hp-hr	208   0.342	200   0.329	206   0.339	214   0.352	201   0.330	206   0.339	219   0.360
75 % load	g/kWh   lb/hp-hr	206   0.339	196   0.322	202   0.332	207   0.340	196   0.322	202   0.332	210   0.345
50 % load	g/kWh   lb/hp-hr	207   0.340	196   0.322	201   0.330	206   0.339	196   0.322	202   0.332	208   0.342

## ► Rating table: 1015. The Genset Engine. 60 Hz

Engine type		BF6M 1015	BF6M 1015 C	BF6M 1015 CP	BF8M 1015 C	BF8M 1015 CP
Rating category		—	G1	G3	G1	G3
Speed	min <sup>-1</sup>   rpm	1800	1800	1800	1800	1800
<b>Engine/genset ratings <sup>1)</sup></b>						
Continuous power, ICN (COP) <sup>2)</sup>	kW   hp	211   283	271   363	320   429	362   485	426   571
Prime power, ICN (PRP) <sup>3)</sup>	kW   hp	228   306	310   416	351   471	413   554	473   634
Limited-time running power, IFN (LTP) <sup>4)</sup>	kW   hp	250   335	341   457	384   515	454   609	517   693
<b>Typical generator power output</b>						
Typical generator power output (COP) <sup>5)</sup>	kWe	175	234	280	320	380
Typical generator power output (PRP) <sup>5)</sup>	kWe	190	271	309	367	423
Typical generator power output (LTP) <sup>5)</sup>	kWe	215	300	339	406	464
<b>Spec. fuel consumption (LTP)</b>						
100 % load	g/kWh   lb/hp-hr	218   0.358	209   0.344	223   0.367	210   0.345	234   0.385
75 % load	g/kWh   lb/hp-hr	212   0.349	204   0.335	212   0.349	205   0.337	220   0.362
50 % load	g/kWh   lb/hp-hr	214   0.352	204   0.335	211   0.347	205   0.337	218   0.358

1) Possibly power reduction depending on altitude and temperature.  
Power ratings without fan power requirement. Please contact DEUTZ.

2) Continuous power 100 % plus 10 % extra power for governing purposes.

3) Prime power 100 %, mean power output 80 %, within 24 hours,  
plus 10 % 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 by the customer.

5) Taking into account typical generator efficiency of 91.8 to 95.0 %  
and power factor cos (φ) = 0.8.

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:	Adapter housing SAE 1 with 50 Hz, SAE 0 with 60 Hz; flywheel with 14" connection.
Cooling system:	LT cooling system, charge air cooler (not BF6M 1015), pusher-type fan (raised), viscous fluid coupling, guard.
Exhaust system:	Turbocharger (flywheel end) with counterflange, without exhaust silencer.
Filter:	Lube oil filter, air cleaner with restriction indicator mounted, fuel twin filter loose.
Engine electrics:	Alternator 24 V, 55 A; starter motor with 5.4 kW; monitoring: coolant temperature, oil pressure and coolant level.
Governor:	Electronic speed control.
Miscellaneous:	Painting.



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