

1015. The Genset Engine.

211-558 kVA at 1500/1800 min⁻¹ | 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



From the library of Barrington Diesel Club

► 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 ⁻¹ rpm	1500	1500	1500	1500	1500	1500	1500	
Engine/genset ratings¹⁾									
Continuous power, ICN (COP) ²⁾	kW hp	195 261	250 335	– –	303 406	333 447	– –	399 535	
Prime power, ICN (PRP) ³⁾	kW hp	210 282	285 382	315 422	338 453	380 510	402 539	448 601	
Limited-time running power, IFN (LTP) ⁴⁾	kW hp	231 310	314 421	345 463	365 489	418 561	459 616	490 657	
Typical generator power output									
Typical generator power output (COP) ⁵⁾	kVA	211	271	–	334	375	–	450	
Typical generator power output (PRP) ⁵⁾	kVA	228	311	358	381	432	457	508	
Typical generator power output (LTP) ⁵⁾	kVA	253	344	389	412	477	527	558	
Spec. fuel consumption (PRP)									
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 ⁻¹ rpm	1800	1800	1800	1800	1800
Engine/genset ratings¹⁾						
Continuous power, ICN (COP) ²⁾	kW hp	211 283	271 363	320 429	362 485	426 571
Prime power, ICN (PRP) ³⁾	kW hp	228 306	310 416	351 471	413 554	473 634
Limited-time running power, IFN (LTP) ⁴⁾	kW hp	250 335	341 457	384 515	454 609	517 693
Typical generator power output						
Typical generator power output (COP) ⁵⁾	kWe	175	234	280	320	380
Typical generator power output (PRP) ⁵⁾	kWe	190	271	309	367	423
Typical generator power output (LTP) ⁵⁾	kWe	215	300	339	406	464
Spec. fuel consumption (LTP)						
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.



From the library of Barrington Diesel Club



We move your world.

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