

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

► 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.



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