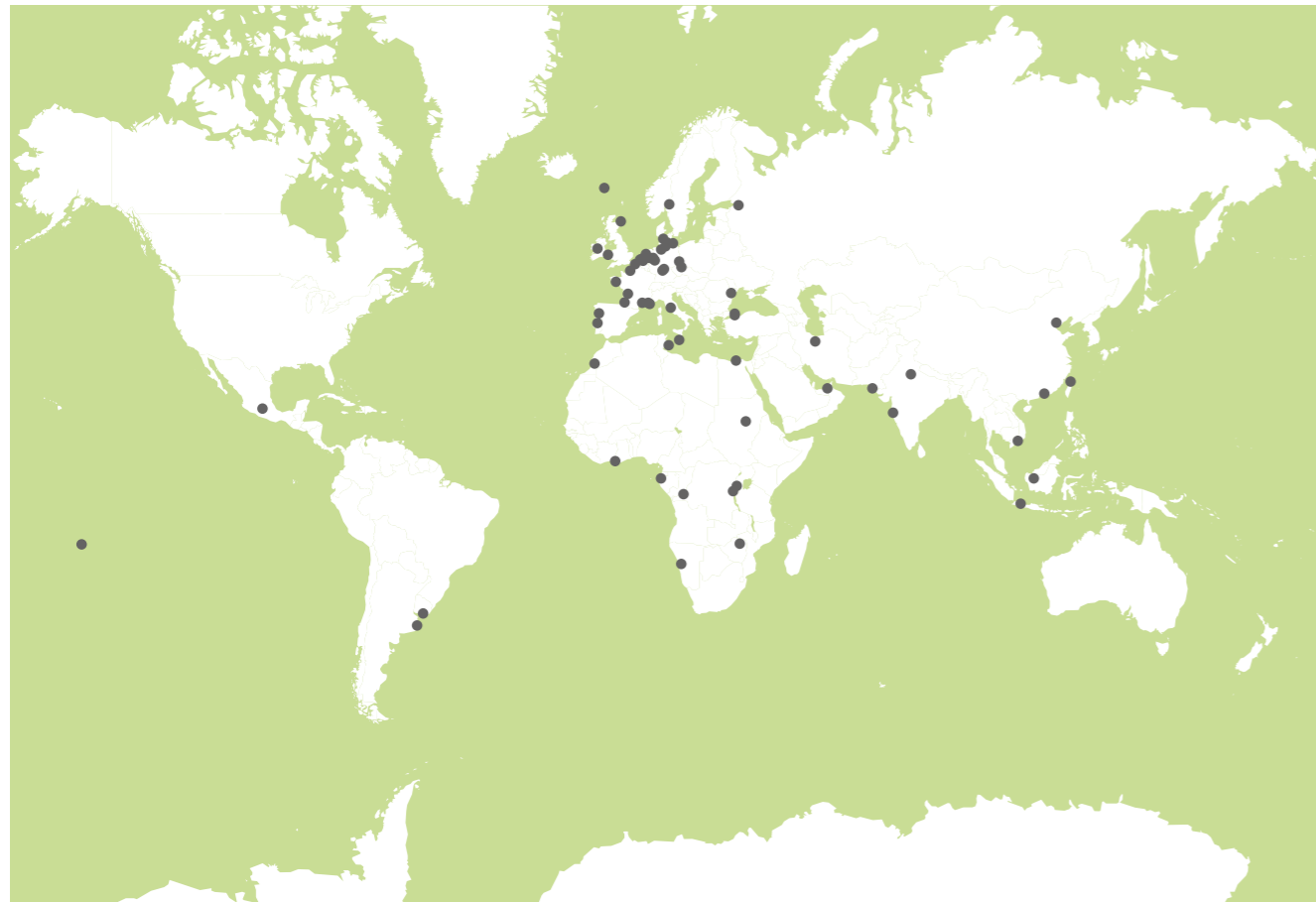


Service- and sales support worldwide



Africa	America	Asia	Europe	Oceania
Sales 12	Sales 3	Sales 11	Sales 32	Sales 1
Service 11	Service 2	Service 8	Service 33	Service 1

To find out more detailed information about our service and sales support, please visit our website www.abcdiesel.be

Anglo Belgian Corporation

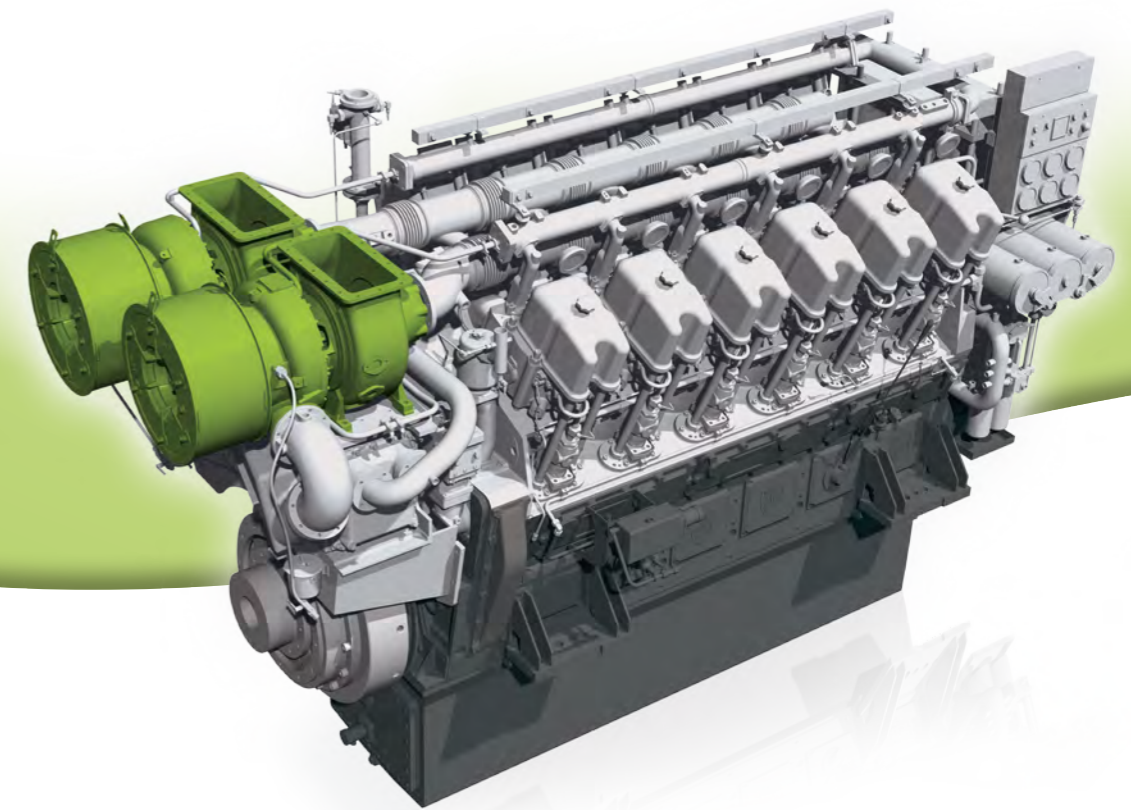
Wiedauwkaai 43
9000 Ghent (Belgium)

T. +32 9 267 00 00
F. +32 9 267 00 67

E. info@abcdiesel.be
W. <http://www.abcdiesel.be>



Anglo Belgian Corporation Datasheet



Engine type
12/16DZC

All data provided in this document is non-binding. This data serves informational purposes only and is especially not guaranteed in any way. Depending on the subsequent specific individual projects, the relevant data may be subject to changes and will be assessed and determined individually for each project. This will depend on the particular characteristics of each individual project, especially specific site and operational conditions.

Datasheet ABC diesel engines type (V)DZC

Operational circumstances based on ISO-conditions (ISO 3046-I).

ABC reserves the right to alter the technical data without prior notice.

Definition

(V)DZC: Medium speed engine, turbocharged & intercooled, available in Anti-clock and Clock rotation. Can run on diesel, heavy fuel, vegetable oil, animal greases, ... Dual fuel execution is also possible.

Basic data

Cycle	4 stroke, single acting
Cylinders	12-16 in V
Bore	256 mm
Stroke	310 mm
Swept volume	12 cylinders: 191,5 liters 16 cylinders: 255,2 liters
Compression ratio	12,1 : 1
Injection	Direct, mechanical One pump per cylinder
Brake mean effective pressure	18,8 bar (at 1000 rpm)
Piston speed	10,3 m/s (at 1000 rpm)

Emission

Comply with all environmental requirements, such as IMO TIER-2, CCNR-2 and EU3A.

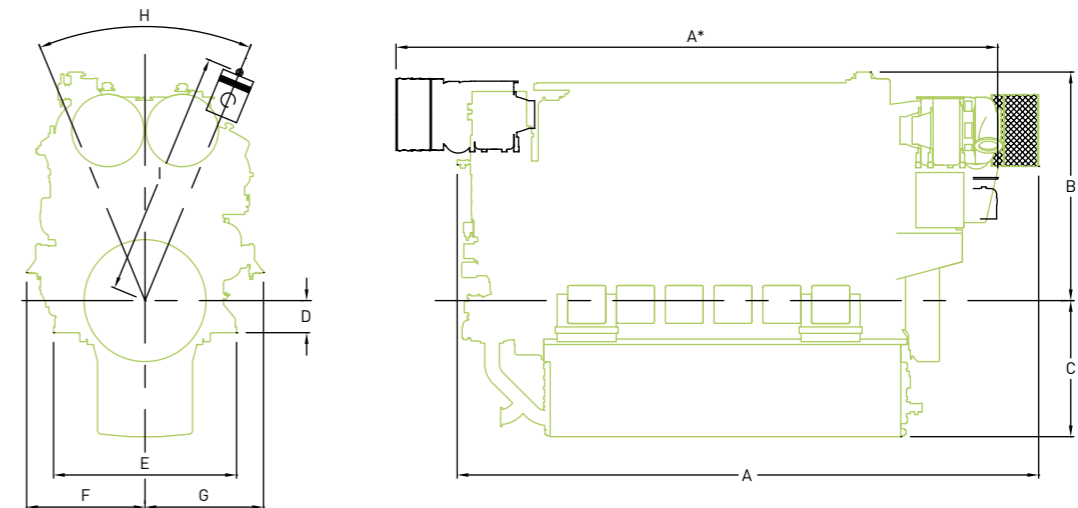
Power

Engine type	rpm	Engine power (ISO 3046 - I)		Nominal power of gensets (V)DZC			
		kW	HP	50 Hz electric - 3 phase		60 Hz electric - 3 phase	
				P _w (kW)	P _n (kVA)	P _w (kW)	P _n (kVA)
12 DZC-720-181	720	2064	2804	---	---	1961	2451
12 DZC-750-179	750	2130	2894	2024	2530	---	---
12 DZC-900-166	900	2388	3245	---	---	2269	2836
12 DZC-900-188 *	900	2700	3668	---	---	2565	3206
12 DZC-1000-166	1000	2652	3603	2519	3149	---	---
12 DZC-1000-188 *	1000	3000	4076	2850	3563	---	---
16 DZC-720-181	720	2752	3739	---	---	2614	3268
16 DZC-750-179	750	2840	3859	2698	3372	---	---
16 DZC-900-166	900	3184	4326	---	---	3025	3781
16 DZC-900-188 *	900	3600	4891	---	---	3420	4275
16 DZC-1000-166	1000	3536	4804	3359	4199	---	---
16 DZC-1000-188 *	1000	4000	5435	3800	4750	---	---

[*] For special applications

Conversion factors used: 1 metric HP = 0,736 kW • Generator efficiency: $\eta_g = 0,95$ • Power factor: $\cos \varphi = 0,8$

12/16DZC engine

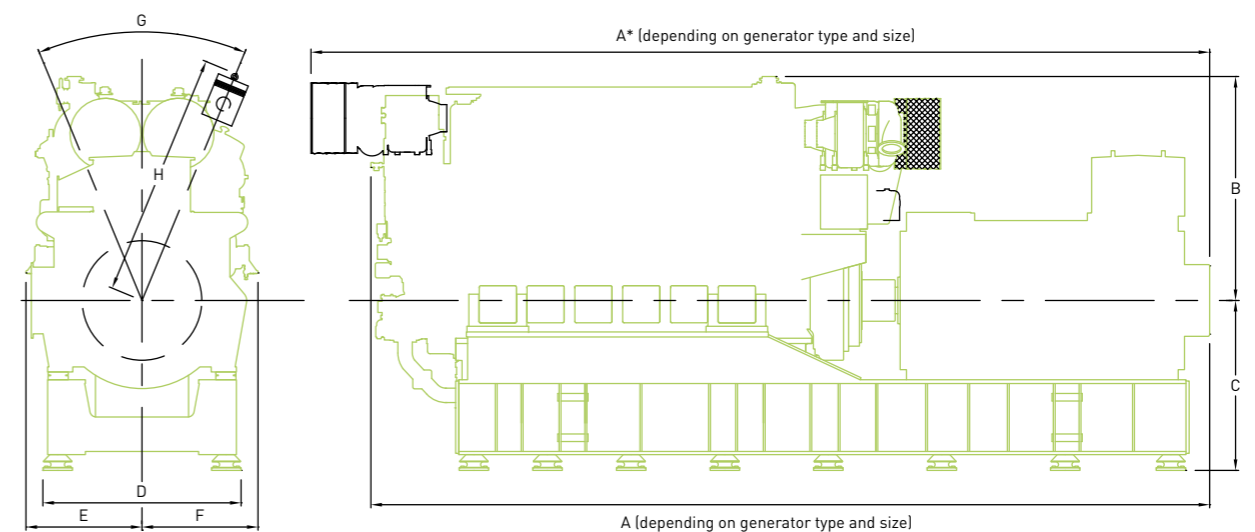


	A (mm)	A* (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)	G (mm)	H (°)	I (mm)	Dry mass** (kg)
12DZC	4529	4686	1780	1060	250	1425	925	925	45	1950	18000
16DZC	5289	5446	1780	1060	250	1425	925	925	45	1950	21750

* Turbochargers at free end side

** Flywheel, vibration damper and coolers are included

12/16DZC genset



	A (mm)	A* (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)	G (°)	H (mm)	Dry mass** (kg)
12DZC	6667	7143	1780	1351	1575	925	925	45	1950	33500
16DZC	7847	8323	1780	1351	1575	925	925	45	1950	43200

* Turbochargers at free end side

** Genset total mass depending on generator type and size