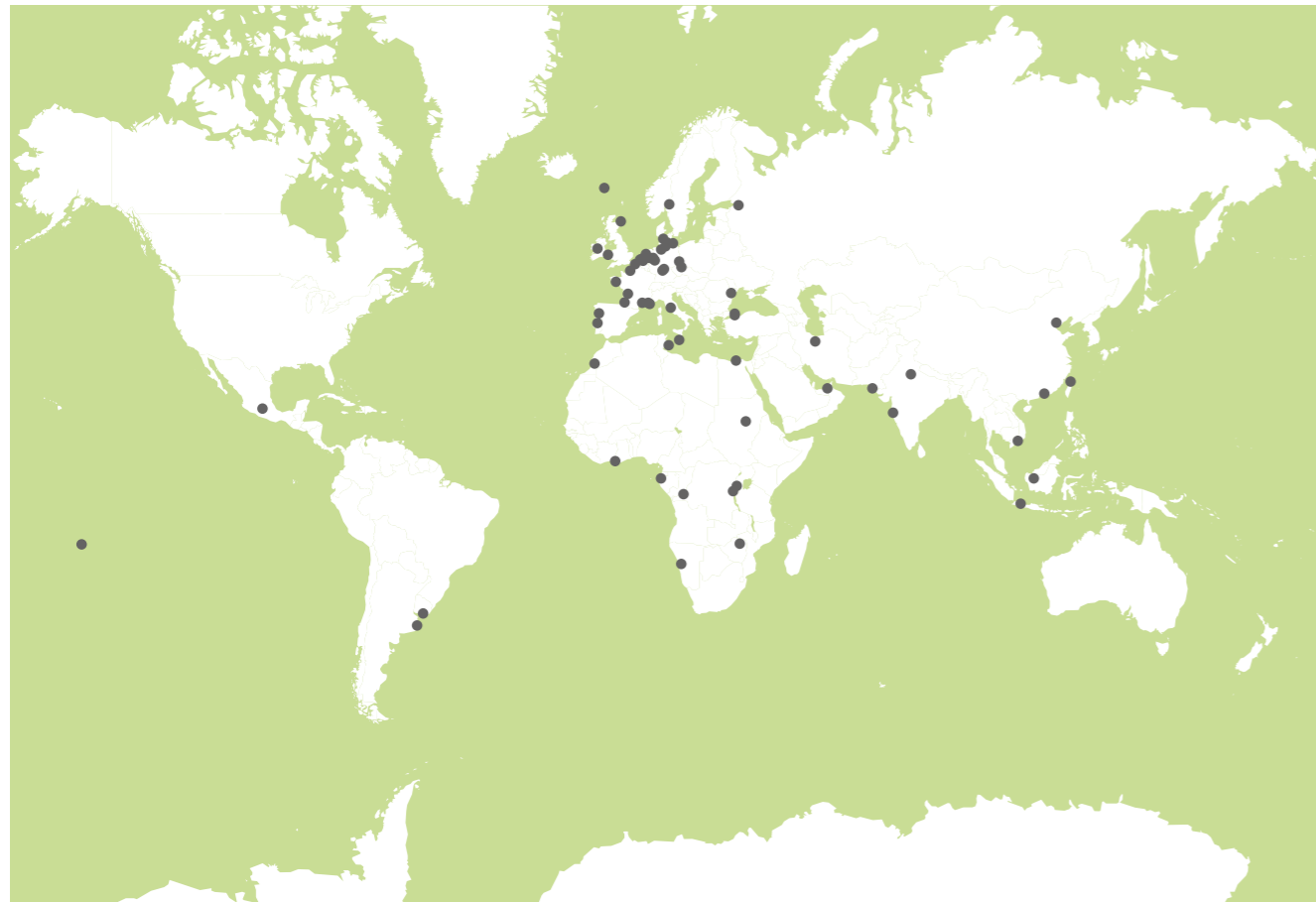


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## Anglo Belgian Corporation

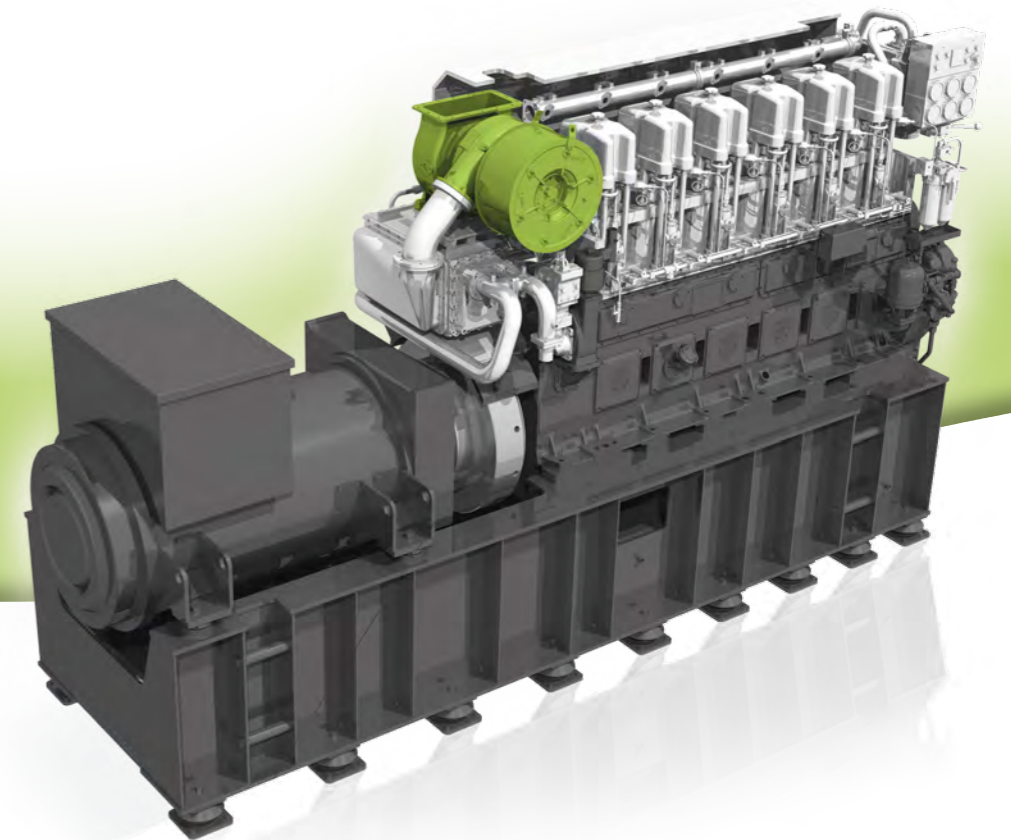
Wiedauwkaai 43  
9000 Ghent (Belgium)

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

E. [info@abcdiesel.be](mailto:info@abcdiesel.be)  
W. <http://www.abcdiesel.be>



# Anglo Belgian Corporation Datasheet



Engine type

**DUAL FUEL** DZD / (V)DZD

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 dual fuel engines type DZD and (V)DZD

Operational circumstances based on ISO-conditions (ISO 3046-I).  
 ABC reserves the right to alter the technical data without prior notice.

## Definition

<b>DZD:</b>	Medium speed DZ engine	<ul style="list-style-type: none"> <li>Turbocharged &amp; intercooled</li> <li>Available in Anti-clock and Clock rotation</li> </ul>
<b>(V)DZD:</b>	Medium speed (V)DZ engine	<ul style="list-style-type: none"> <li>Built for dual fuel execution</li> </ul>

## Basic data

Engine type	6 DZD	8 DZD	12 DZD	16 DZD
Swept volume (liters)	95,7	127,6	191,5	255,2
Number of Cylinders	6	8	12	16
Bore (mm)	256	256	256	256
Stroke (mm)	310	310	310	310
Compression ratio	12,1:1	12,1:1	12,1:1	12,1:1

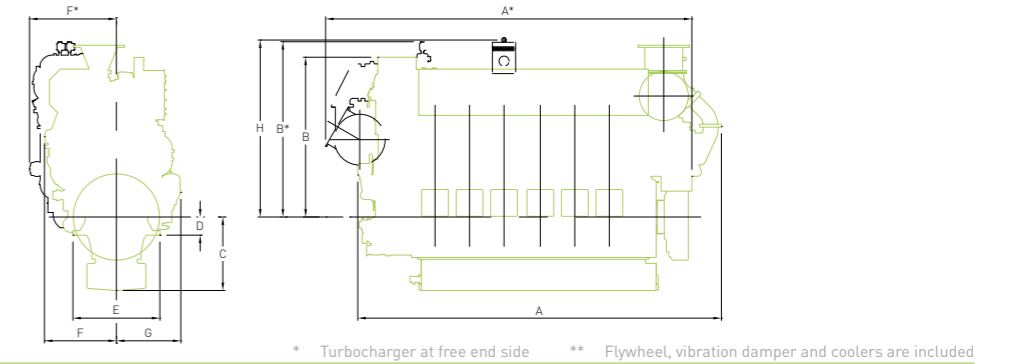
## Power

Engine type	rpm	Engine power (ISO 3046 - I)		Nominal power of gensets DZD and (V)DZD			
		kW	HP	50 Hz electric - 3 phase		60 Hz electric - 3 phase	
				P <sub>w</sub> (kW)	P <sub>n</sub> (kVA)	P <sub>w</sub> (kW)	P <sub>n</sub> (kVA)
6 DZD	720	720	978	---	---	684	855
	750	750	1019	713	891	---	---
	900	900	1223	---	---	855	1069
	1000	1000	1359	950	1188	---	---
8 DZD	720	960	1304	---	---	912	1140
	750	1000	1359	950	1188	---	---
	900	1200	1630	---	---	1140	1425
	1000	1335	1814	1268	1585	---	---
12 DZD	720	1440	1957	---	---	1368	1710
	750	1500	2038	1425	1781	---	---
	900	1800	2446	---	---	1710	2138
	1000	2000	2717	1900	2375	---	---
16 DZD	720	1920	2609	---	---	1824	2280
	750	2000	2717	1900	2375	---	---
	900	2400	3261	---	---	2280	2850
	1000	2670	3628	2537	3171	---	---

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

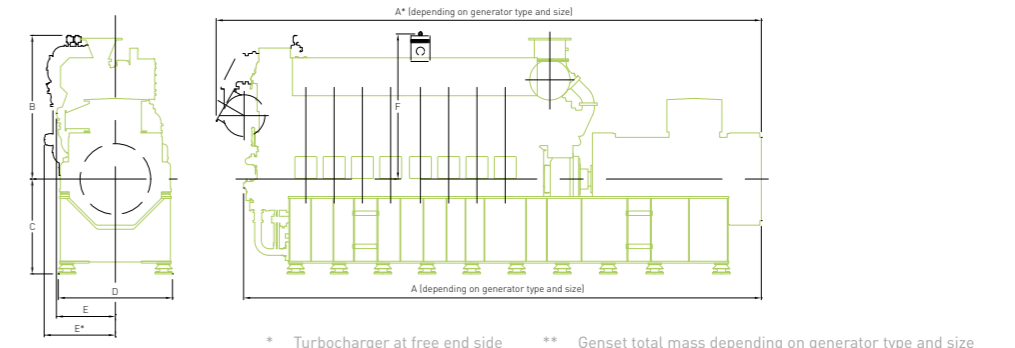
Natural gas with Methane Index = 73 • Lower Calorific Value gas = 39.000 kJ/Nm<sup>3</sup> • Lower Calorific Value diesel = 42.700 kJ/kg  
 Possible gases: natural gas, waste gas, landfill gas (the ability to burn other gases should be done in consultation with ABC)

## 6/8DZD engine



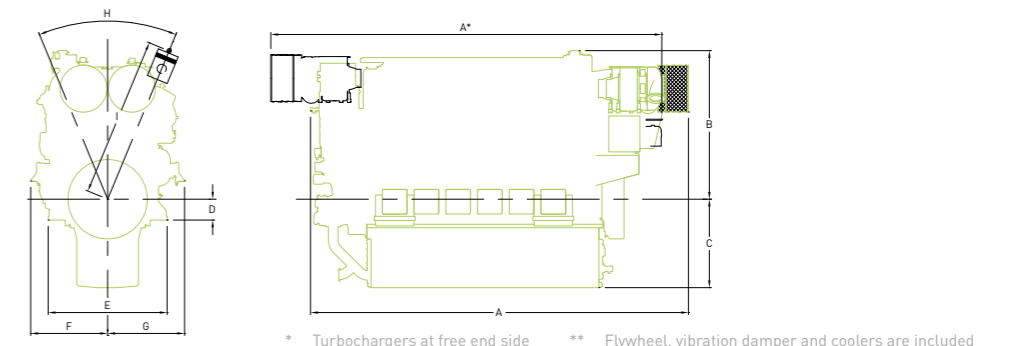
	A (mm)	A* (mm)	B (mm)	B* (mm)	C (mm)	D (mm)	E (mm)	F (mm)	F* (mm)	G (mm)	H (mm)	Dry mass** (kg)	
<b>6DZD</b>	4007	4036	1761	1931	508/650	710/810	200	958	793	957	710	1950	10620
<b>8DZD</b>	4767	4796	1761	1931	508/650	710/810	200	958	793	957	710	1950	13905

## 6/8DZD genset



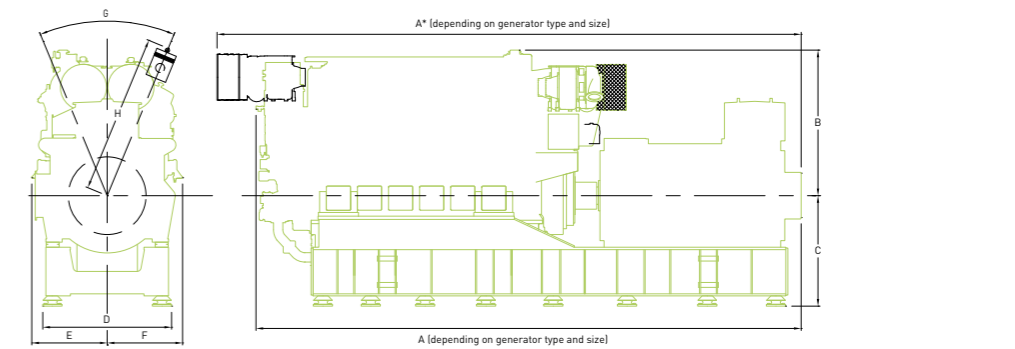
	A (mm)	A* (mm)	B (mm)	C (mm)	D (mm)	E (mm)	E* (mm)	F (mm)	Dry mass** (kg)
<b>6DZD</b>	6037	6406	1931	1276	1535	793	957	1950	22100
<b>8DZD</b>	6959	7328	1931	1276	1535	793	957	1950	26500

## 12/16DZD engine



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

## 12/16DZD genset



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