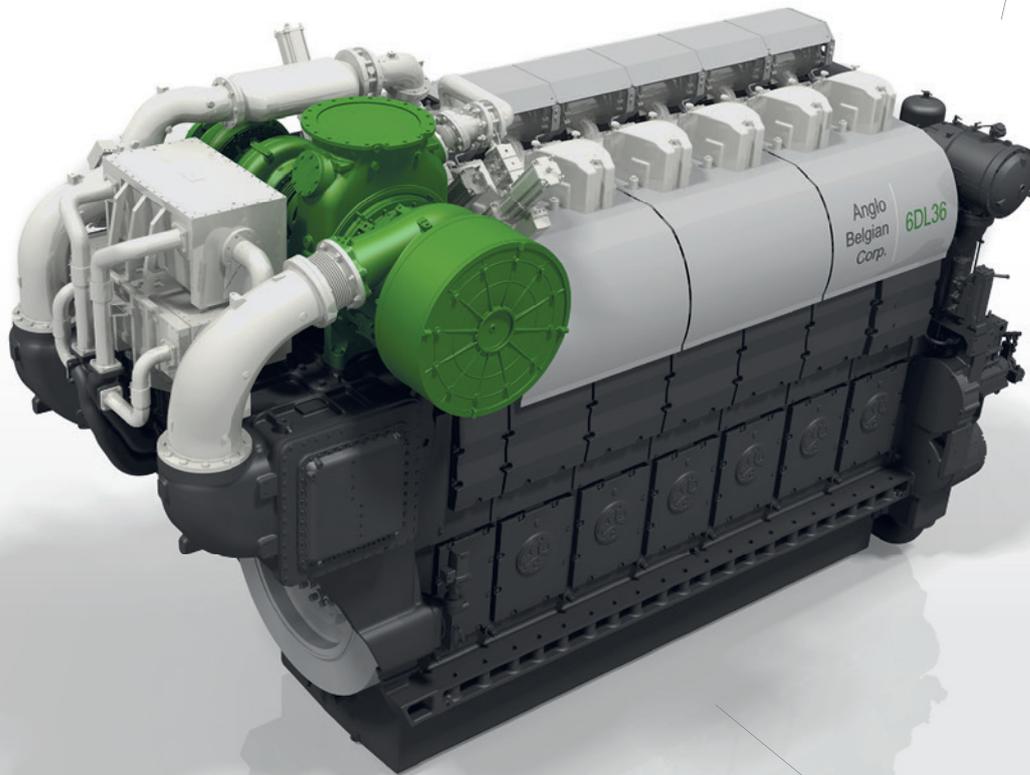




**ANGLO BELGIAN  
CORPORATION**

We power your future

## Datasheet



Engine type

**6/8DL36**

# Datasheet ABC diesel engines type DL36

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

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

## Definition

**DL36:** Medium speed engine, turbocharged & intercooled, available in Anti-clock and Clock rotation.

Can run on diesel, heavy fuel and bio-fuels. Dual fuel execution is also possible.

## Basic data

Cycle	4 stroke, single acting
Cylinders	6-8 in line
Bore	365 mm
Stroke	420 mm
Swept volume	6 cylinders: 263,4 liters 8 cylinders: 351,2 liters
Compression ratio	15,5 : 1
Injection	Common Rail (Alternatively: direct, mechanical, one pump per cylinder)
Brake mean effective pressure	23,9 bar (at 750 rpm)
Piston speed	10,5 m/s (at 750 rpm)
Charging system	2 stage charging

## Emission

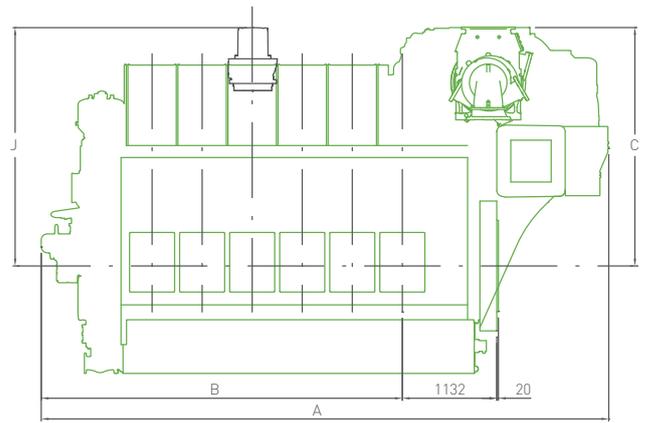
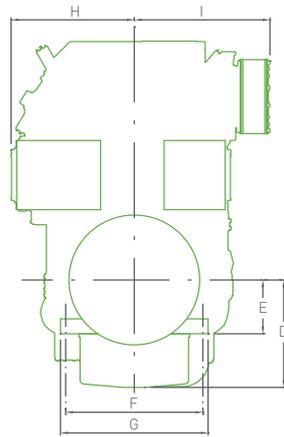
Designed to comply with IMO TIER-3.

## Power

Engine type	rpm	Engine power (ISO 3046 - I)		Nominal power of gensets DL36			
		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 DL36-600	600	3120	4239	2995	3744	2995	3744
6 DL36-720	720	3744	5087	---	---	3594	4493
6 DL36-750	750	3900	5299	3744	4680	---	---
8 DL36-600	600	4160	5652	3994	4992	3994	4992
8 DL36-720	720	4992	6783	---	---	4792	5990
8 DL36-750	750	5200	7065	4992	6240	---	---

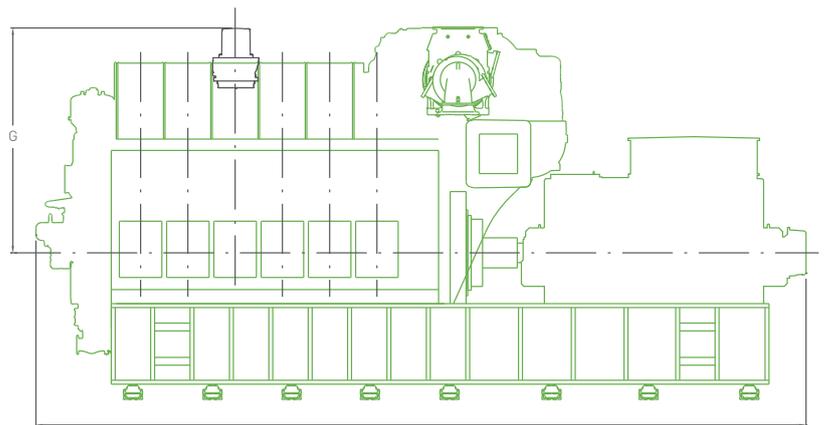
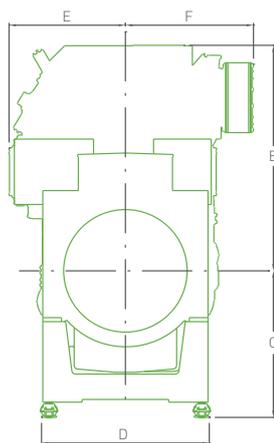
**Conversion factors used:** 1 metric HP = 0,736 kW → Generator efficiency:  $\eta_g = 0,96$  → Power factor:  $\cos \varphi = 0,8$

## 6/8DL36 engine



	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)	G (mm)	H (mm)	I (mm)	J (mm)	Dry mass* (kg)
<b>6DL36</b>	6804	4329	2885	1298	650	1645	1770	1477	1626	2850	55700
<b>8DL36</b>	8004	5529	2885	1298	650	1645	1770	1477	1626	2850	67700

\* Flywheel, vibration damper and coolers are included



A (depending on generator type and size)

## 6/8DL36 genset

	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)	G (mm)	Dry mass* (kg)
<b>6DL36</b>	9780	2885	1875	2130	1477	1626	2850	91700
<b>8DL36</b>	10980	2885	1875	2130	1477	1626	2850	106700

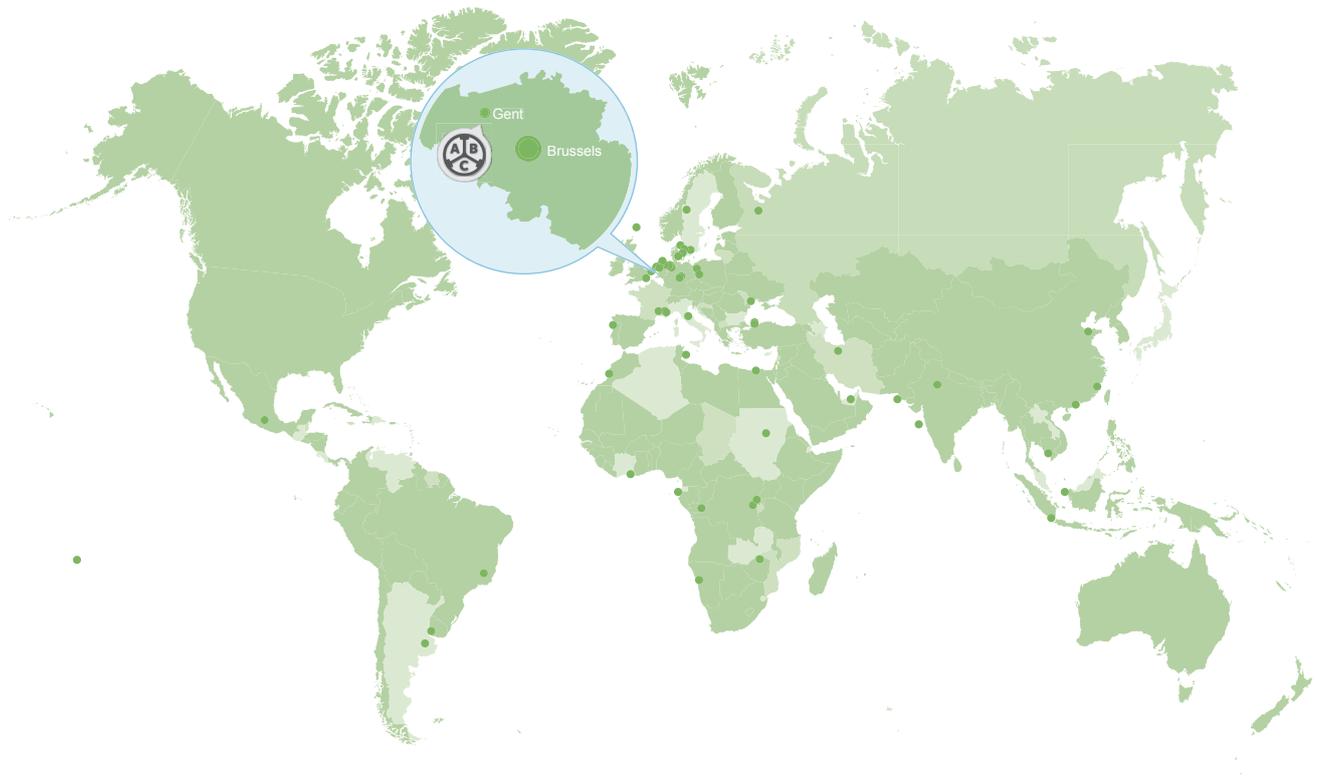
\* Genset total mass depending on generator type and size

## About classification

Anglo Belgian Corporation is ISO9001:2008 certified. All engines are individually tested on test benches with option of the presence of the client and possibility of all major classifications.



## Service- and sales support worldwide



### Africa

12 Sales  
11 Service

### America

3 Sales  
2 Service

### Asia

11 Sales  
8 Service

### Europe

32 Sales  
33 Service

### Oceania

1 Sales  
1 Service

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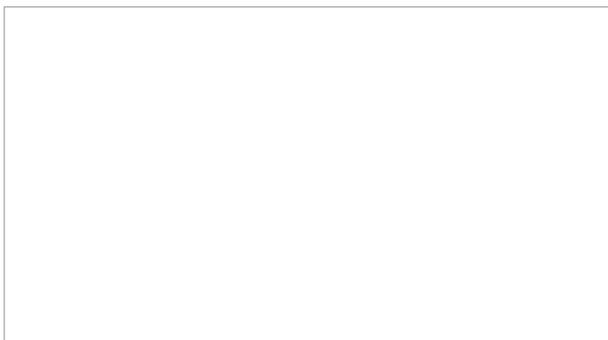
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