



**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

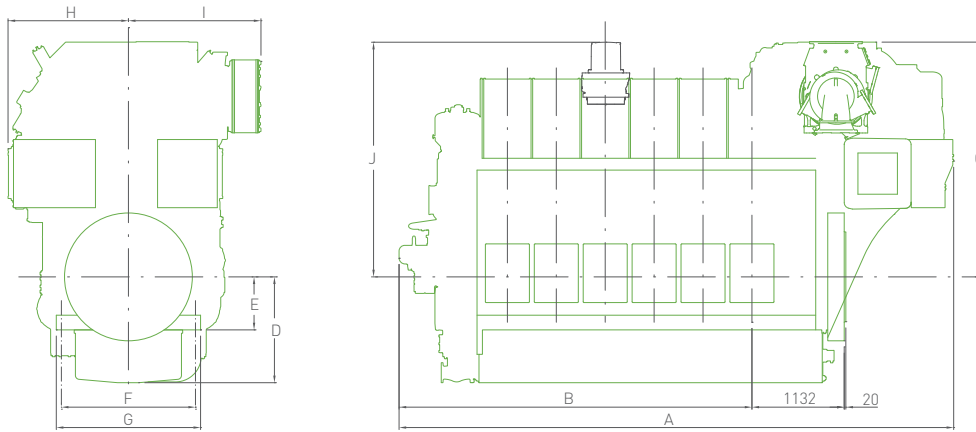
Emission

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 _w (kW)	P _n (kVA)	P _w (kW)	P _n (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	---	---

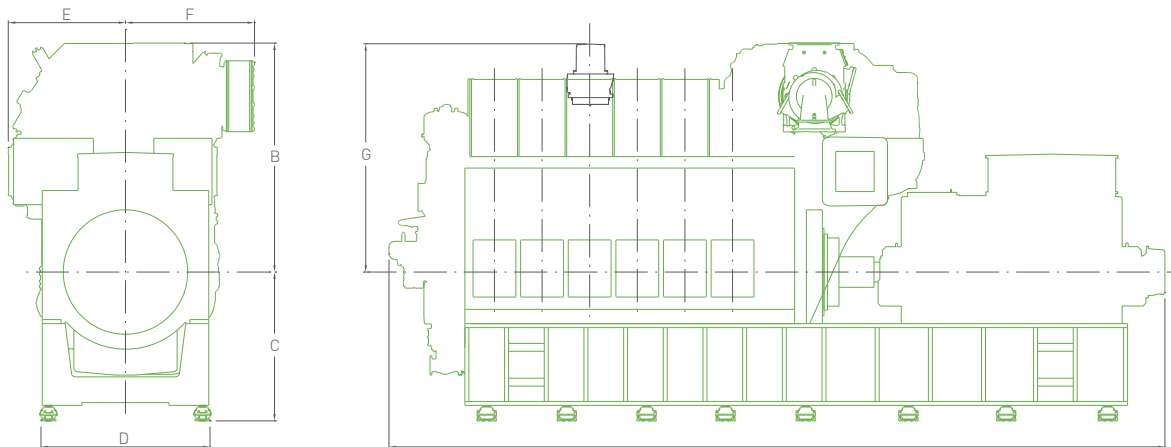
Conversion factors used: 1 metric HP = 0,736 kW → Generator efficiency: $\eta_g = 0,96$ → Power factor: $\cos \varphi = 0,8$



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)
6DL36	6804	4329	2885	1298	650	1645	1770	1477	1626	2850	55700
8DL36	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)
6DL36	9780	2885	1875	2130	1477	1626	2850	91700
8DL36	10980	2885	1875	2130	1477	1626	2850	106700

* Genset total mass depending on generator type and size

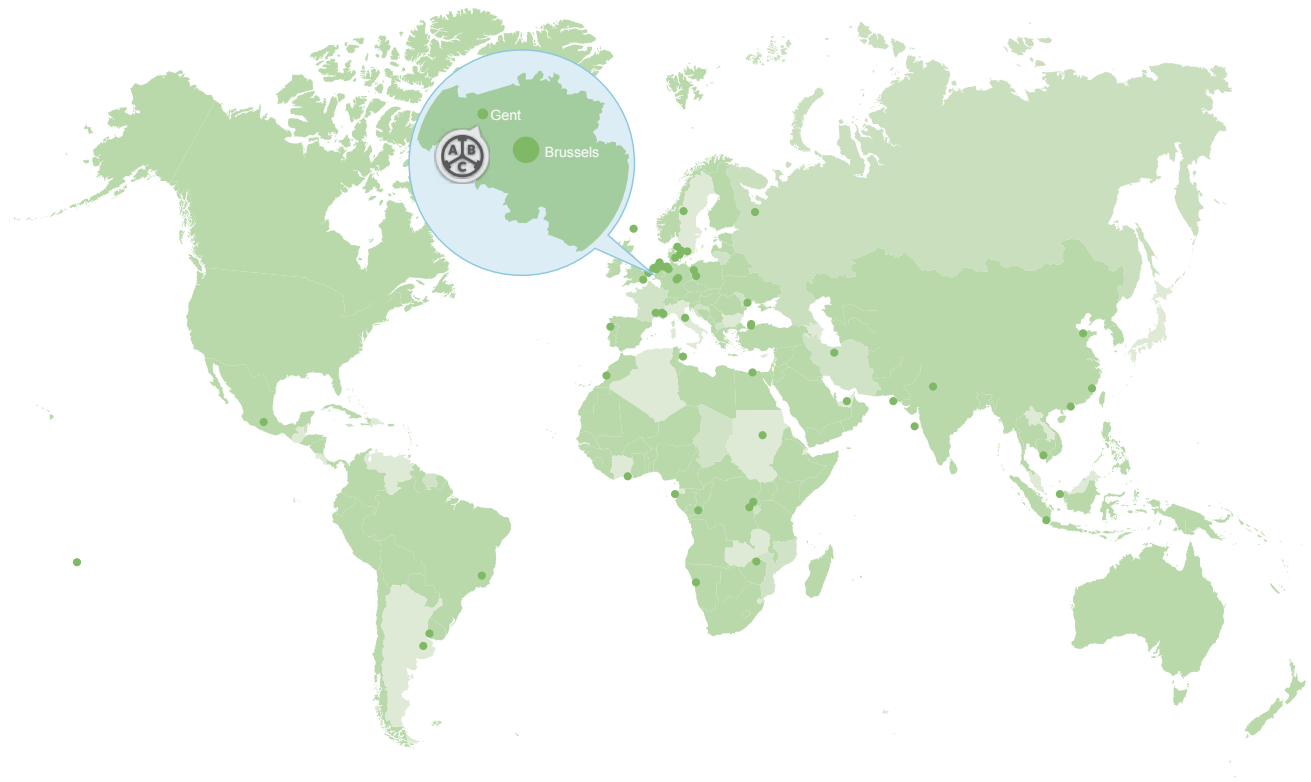
About classification

Anglo Belgian Corporation is ISO 9001 : 2015 certified. All engines are individually tested on test benches with option of the presence of the client and possibility of all major classifications.

ISO 9001 : 2015
BUREAU VERITAS
Certification



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11 Service

America

3 Sales
2 Service

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11 Sales
8 Service

Europe

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Oceania

1 Sales
1 Service

To find out more detailed information about our service and sales support, please visit our website www.abc-engines.com



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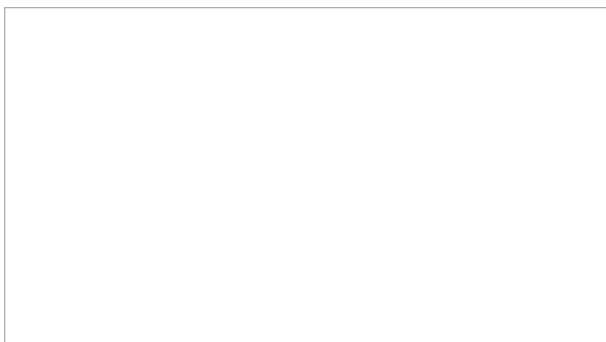
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