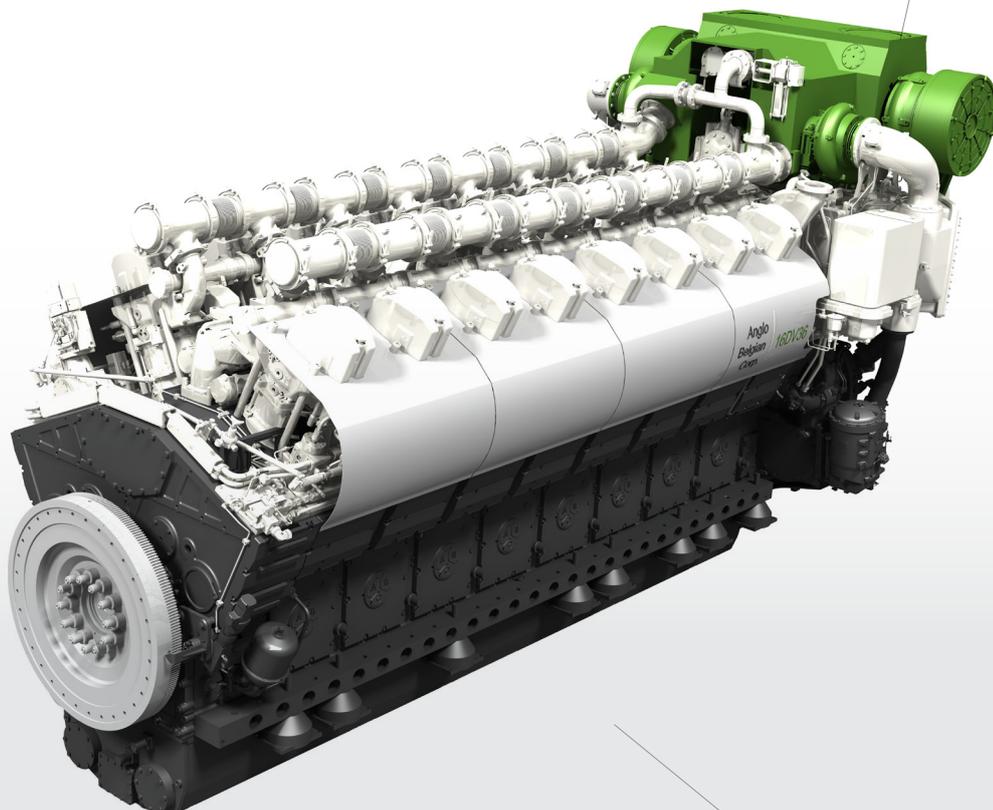




**ANGLO BELGIAN
CORPORATION**

We power your future

Datasheet



Engine type

12/16DV36

Datasheet ABC diesel engines type DV36

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

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

Definition

DV36: Medium speed engine, turbocharged & intercooled, available in Anti-clock and Clock rotation.

Runs on diesel, heavy fuel and bio-fuels.

Basic data

Cycle	4 stroke, single acting
Cylinders	12-16 in V
Bore	365 mm
Stroke	420 mm
Swept volume	12 cylinders: 527,4 liters 16 cylinders: 703,1 liters
Compression ratio	15,5 : 1
Injection	Direct, mechanical, one pump per cylinder
Brake mean effective pressure	24,0 bar
Piston speed	10,5 m/s (at 750 rpm)
Charging system	2 stage charging

Emission

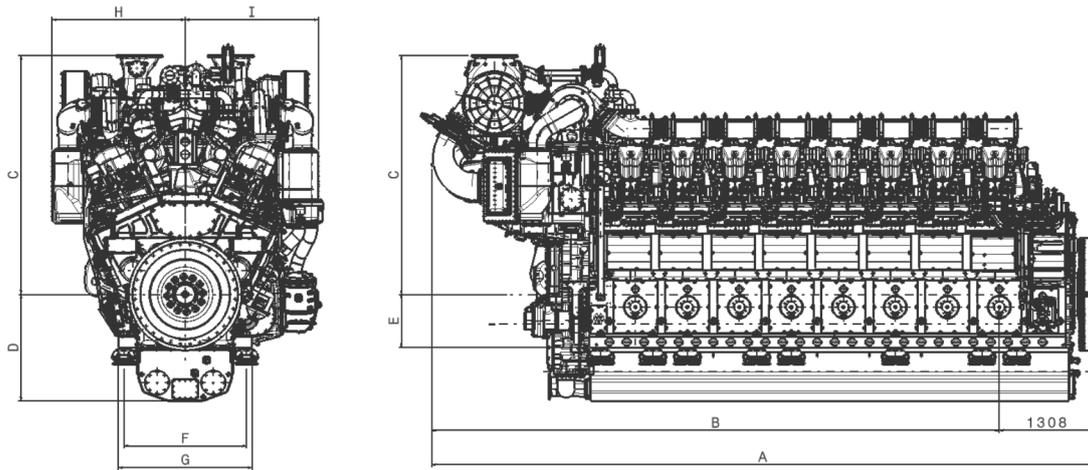
Comply with all environmental requirements, such as IMO TIER 2 / TIER 3.

Power

Engine type	rpm	Engine power (ISO 3046 - I)		Nominal power of gensets DV36			
		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 DV36-600	600	6328 *	8604	6075	7594	6075	7594
12 DV36-720	720	7594 *	10325	---	---	7290	9113
12 DV36-750	750	7910 *	10755	7594	9493	---	---
16 DV36-600	600	8438 *	11472	8100	10125	8100	10125
16 DV36-720	720	10125 *	13766	---	---	9720	12150
16 DV36-750	750	10547 *	14340	10125	12656	---	---

* Higher power ranges are available for emergency genset applications.

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



12/16DV36 engine

	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)	G (mm)	H (mm)	I (mm)	Dry mass* (kg)
12DV36	7746	6439	3343	1490	745	1705	1860	1850	1850	90500
16DV36	9190	7883	3343	1490	745	1705	1860	1850	1850	108000

* Flywheel, vibration damper and coolers are included

12/16DV36 genset*

	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)	G (mm)	Dry mass* (kg)
12DV36	12122	3343	2270	2026	1918	1853	3343	145500
16DV36	13566	3343	2270	2026	1918	1853	3343	163000

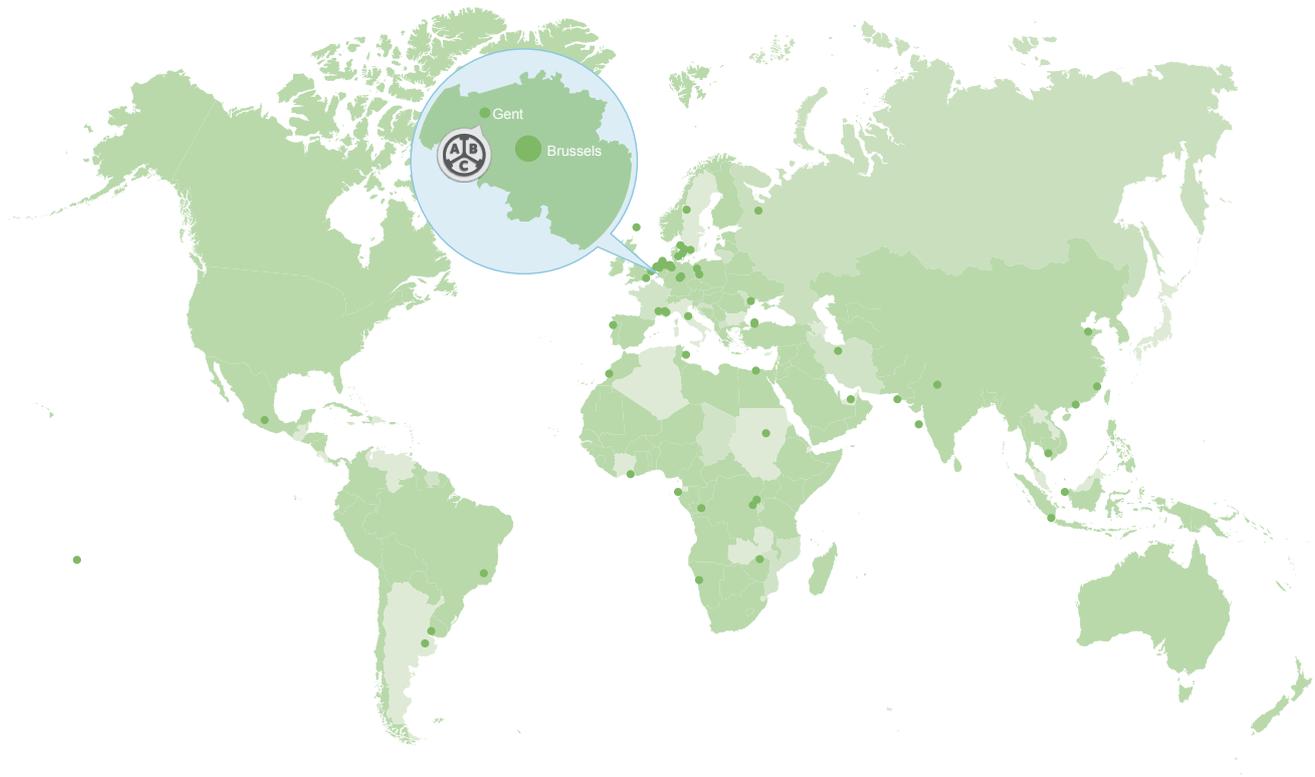
* Genset total mass depending on generator type and size

About classification

Anglo Belgian Corporation is ISO9001:2015 certified. All engines are individually tested on test benches and possibility of all major classifications.



Service- and sales support worldwide



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

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



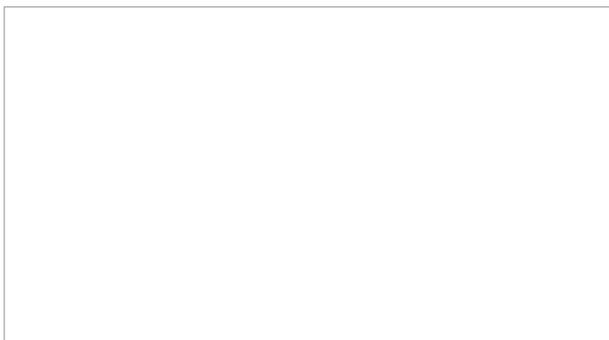
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