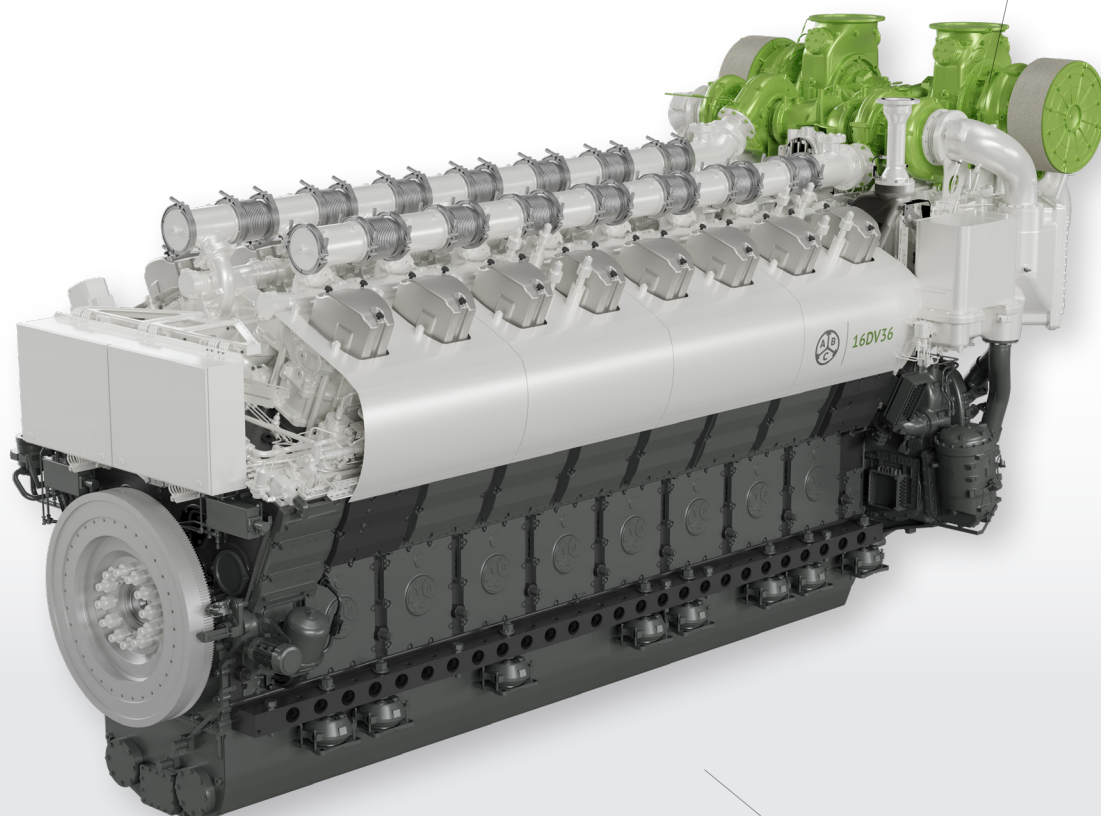




**ANGLO BELGIAN
CORPORATION**

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 (bio)diesel, HVO, biofuels and heavy fuel.

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
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 compliance

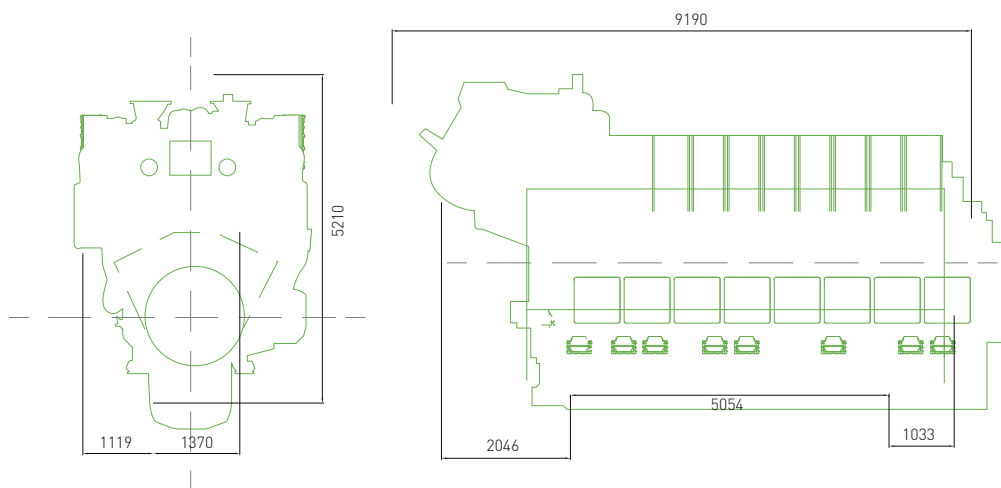
Comply with all environmental requirements, such as IMO Tier II, IMO Tier III, EPA Tier 2, EPA Tier 3, ULEV and CARB.

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)
12DV36	600	6325	8594	6072	7590	6072	7590
12DV36	720	7594	10318	-	-	7290	9113
12DV36	750	7910*	10747	7594	9492	-	-
16DV36	600	8438	11465	8100	10126	8100	10126
16DV36	720	10125	137657	-	-	9720	12150
16DV36	750	10547*	14330	10125	12656	-	-

* Higher power ranges are available for emergency genset applications
** Features, performance and emissions may vary based on configuration, usage and operating conditions

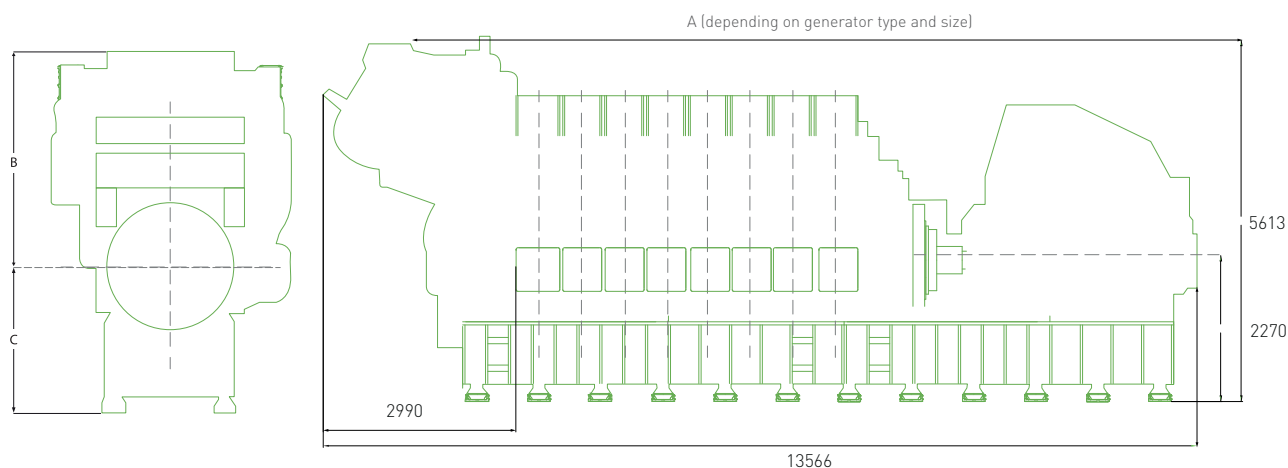
Conversion factors used: 1 metric HP = 0,736 kW → Generator efficiency: $\eta_g = 0,96$ → Power factor: $\cos \varphi = 0,8$



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

Features, performance and emissions may vary based on configuration, usage and operating conditions

About classification

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



Service- and sales support worldwide



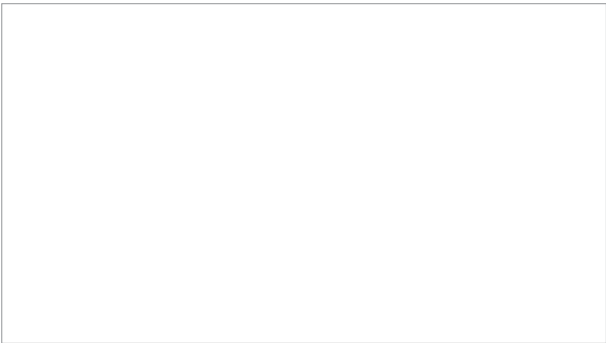
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