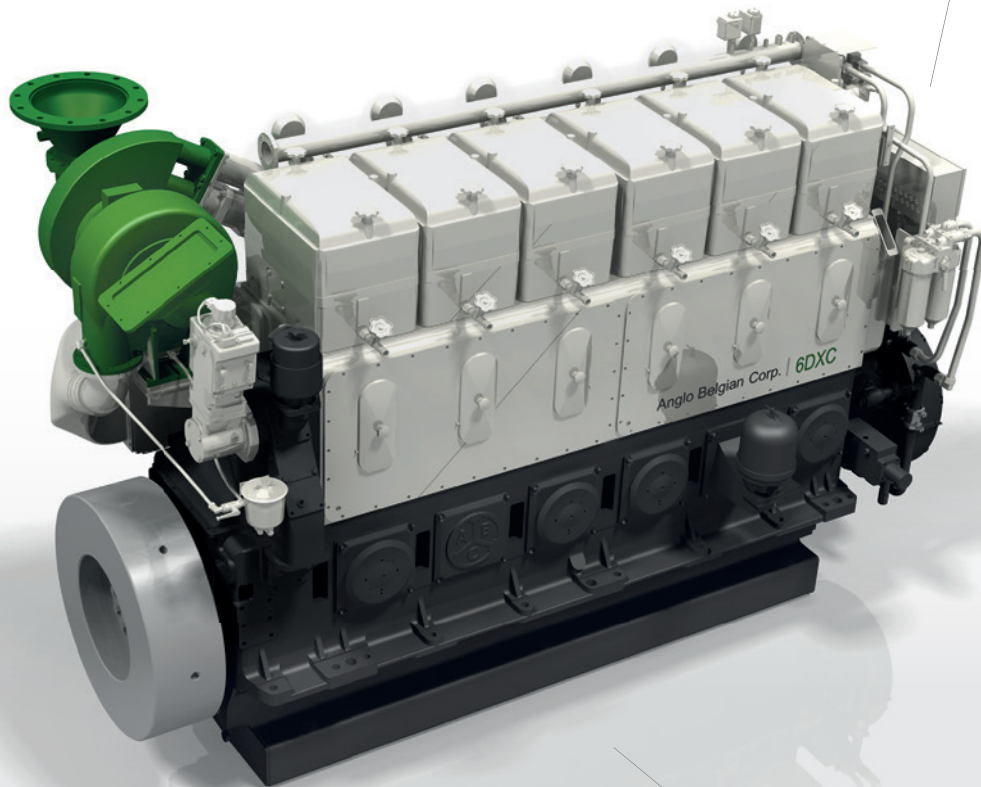




**ANGLO BELGIAN  
CORPORATION**

We power your future

## Datasheet



Engine type

**3/6/8DX(S)(C)**

# Datasheet ABC diesel engines type DX, DXS and DXC

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

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

## Definition

**DX:** Natural aspiration      **DXS:** Turbocharged      **DXC:** Turbocharged & Intercooled

## Basic data

Cycle	4 stroke, single acting		
Cylinders	3-6-8 in line		
Bore	242 mm		
Stroke	320 mm		
Swept volume	6 cylinders:	88,3 liters	
	8 cylinders:	117,8 liters	
Compression ratio	DX:	12,45 : 1	
	DXS/DXC:	12,06 : 1	
Injection	Direct, mechanical		
	One pump per cylinder		
Brake mean effective pressure	11,99 bar (DXC at 750 rpm)		
Piston speed	8,0 m/s (at 750 rpm)		

## Emission

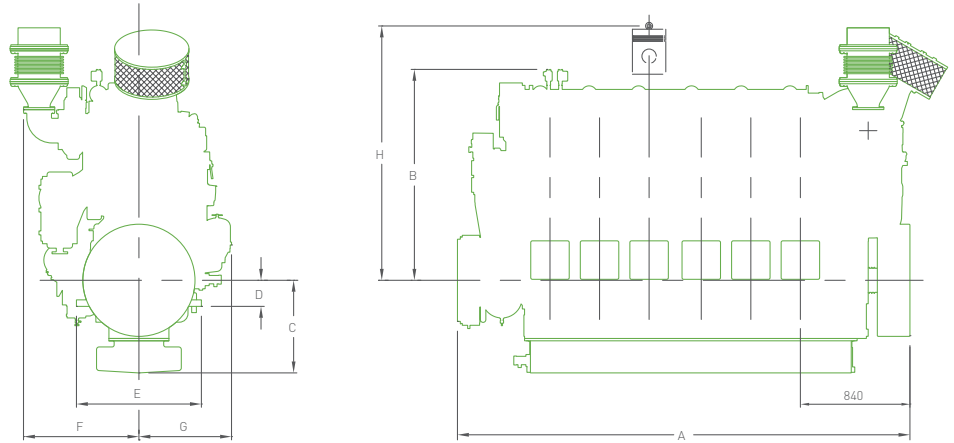
Comply with all environmental requirements, such as IMO TIER-2 and CCNR-2.

## Power

Engine type	rpm	Engine power (ISO 3046 - I)		Nominal power of gensets DX(S)(C)			
		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)
3 DX-600-000	600	138	188	131	164	131	164
3 DXS-720-045	720	236	321	---	---	224	280
3 DXC-750-100	750	331	450	314	393	---	---
6 DX-600-000	600	276	375	262	328	262	328
6 DXS-720-045	720	470	639	---	---	447	558
6 DXC-750-100	750	662	899	629	786	---	---
8 DX-600-000	600	368	500	350	437	350	437
8 DXC-720-100	720	864	1174	---	---	821	1026
8 DXC-750-100	750	883	1200	839	1049	---	---

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

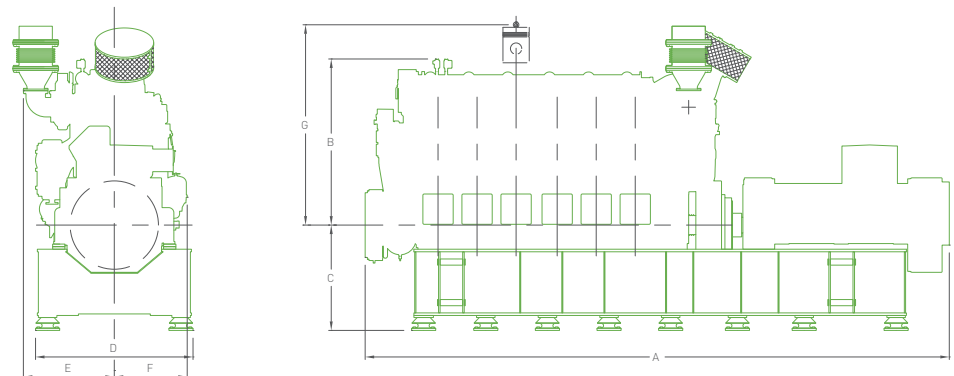
## 3/6/8DX(S)(C) engine



	A (mm)	B (mm)	C (mm)		D (mm)	E (mm)	F (mm)	G (mm)	H (mm)	Dry mass* (kg)
			[Shallow]	[Deep]						
<b>3DX (s)(c)</b>	2310	1617	464	710	200	958	885	710	1950	6900
<b>6DX (s)(c)</b>	3470	1617	464	710	200	958	885	710	1950	8860
<b>8DX (c)</b>	4230	1617	464	710	200	958	885	710	1950	11500

\* Flywheel, vibration damper and coolers are included

## 3/6/8DX(S)(C) genset



	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)	G (mm)	Dry mass* (kg)
<b>3DX (s)(c)</b>	4180	1617	1026	1535	885	710	1950	12050
<b>6DX (s)(c)</b>	5687	1617	1026	1535	885	710	1950	17060
<b>8DX (c)</b>	6622	1617	1026	1535	885	710	1950	21100

\* Genset total mass depending on generator type and size

## About classification

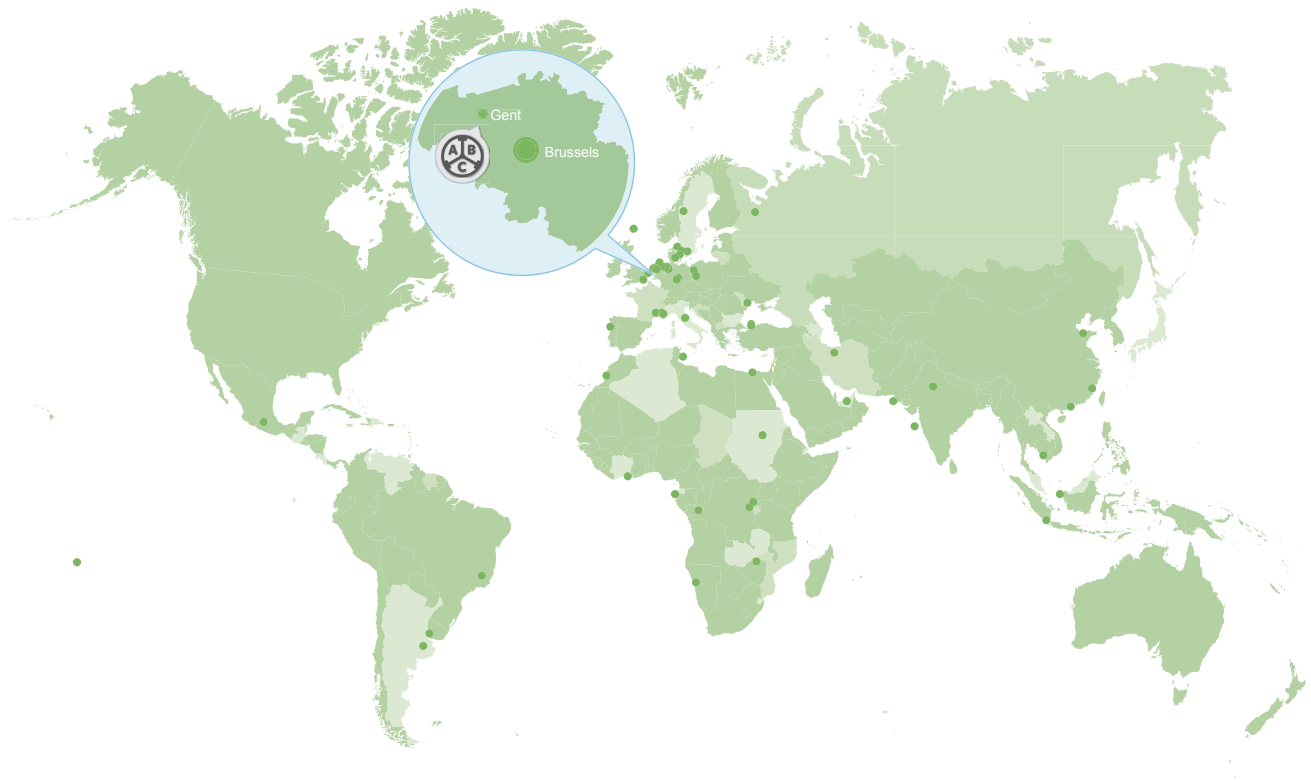
Anglo Belgian Corporation is ISO9001:2008 certified. All engines are individually tested on test benches with option of the presence of the client and possibility of all major classifications.

ISO 9001 : 2008

BUREAU VERITAS  
Certification



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### 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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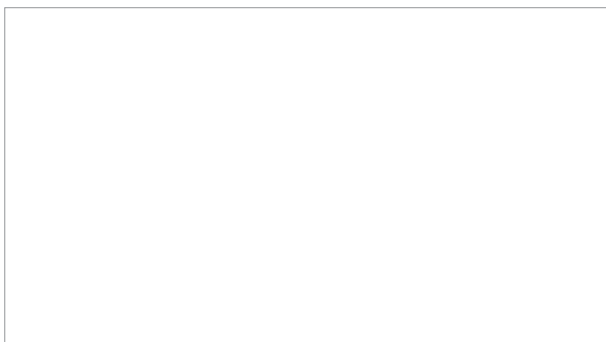
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