

## FACT SHEET

# New generation of gas generator container

A versatile and low maintenance solution to eliminate the possibility of damage during transportation or storage.

RWG offers a new generation of gas generator transportation and storage container utilising a superior build and design specification. The revised design incorporates unique and patented design features to provide a more effective, safe and secure on/offshore transportation solution for the industrial Avon and RB211 gas generators. All in-service marques of Avon and RB211, with the exception of the DLE variant, will locate within the container.

### Key features

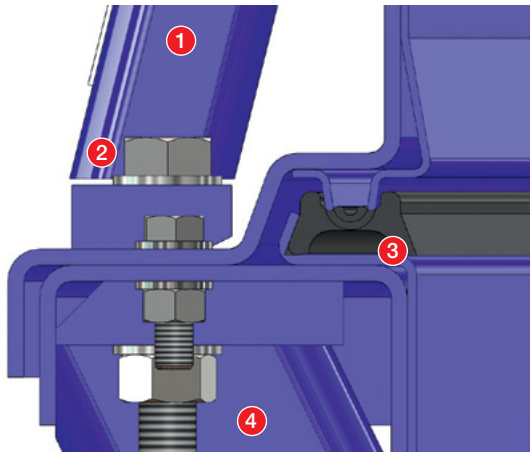
- This latest design which is approved to DNV 2.7-3 caters for both on/offshore transportation and storage, and can be easily and securely shipped worldwide by all modes of transportation without unloading, and re-loading of the contents.
- The new 'exoskeleton' design improves the lifting and sealing of the container by transferring the load directly to the base, thereby unloading the sealing flange, and reducing the potential for seal dislocation.
- The container is fitted with a nitrogen charge point and a pressure relief valve. When sealed it can be pressurised to a maximum of 4.7 PSI and the container incorporates a gauge to monitor the pressure during storage.
- A set of certified slings and shackles will form part of the bill of material supplied with each container.

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## New sealing arrangement and load transfer bolts



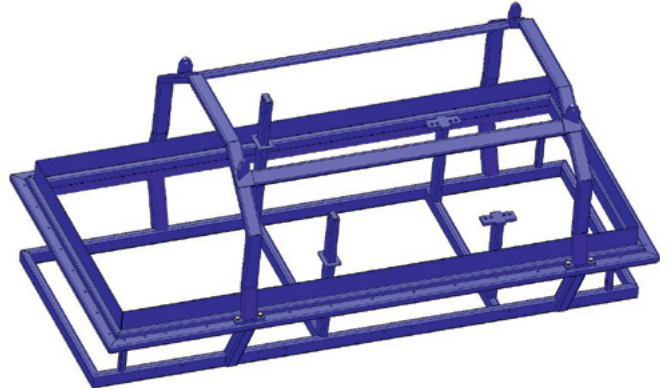
- 1 Upper frame 'ExoSkeleton'.
- 2 WGrade L7 High Tensile Bolts. These bolts transfer the load from the base of the frame to the lid section.
- 3 Double seal arrangement provides improved sealing in all conditions.
- 4 Lower frame - base.

## Weights and overall dimensions

Container dimensions		Avon	RB211
External dimensions	Length	3.770m	3.470m
	Width	1.680m	1.960m
	Height	1.500m	1.950m
Payload	Gross	3180kg	5000kg
	TARE	1500kg	2000kg
	SWL	1680kg	3000kg

## Container structure

- Both the upper and lower frames have been designed to provide 360 degree protection to the gas generator, whilst still enabling ease of access, loading/unloading and lifting of the complete assembly.
- The high tensile bolts used to fix the upper and lower frames provide maximum strength ensuring security during lifting operations.
- The re-designed container includes an integral mounting feature which provides the correct, and secure support for the gas generator, while maintaining the correct centre of gravity for additional stability.
- This container assembly is fully approved to DNV 2.7-3 and can be lifted as a standalone container offshore from vessels to platforms with a maximum significant wave height of 3 metres.



## Design specification

- Unit design approved to DNV 2.7-3 Type "A" (portable offshore units).
- When sealed is capable of being pressurised to 4.7 PSI.
- Shock absorber mountings for added protection during transport.
- All steel welds are full penetration butt welds to ASME IX.
- Primary structural welds 100% MPI.
- Design temperature of -20°C.
- Maximum sling angle 45° (from vertical).
- Slings and shackles approved to DNV 2.7-1.



- 1 Concealed compartment for Nitrogen charge point, pressure gauge and relief valve.
- 2 Documentation wallet.

- 3 Lifting eye pad arrangement.
- 4 Shock absorber assembly.

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