

Medium-speed commercial marine gas engines

C26:33 IN-LINE GENERATING SET

A compact, powerful and reliable engine with low emissions and proven cost-effective operation.

Proven quality

The Bergen C-engine has been in service for decades and proven its reliability and high performance over time. The modularised design with a power pack that includes cylinder head, liner, piston and three-piece connecting rod makes service easy and cost-effective. Variable Valve Timing ensures high efficiency levels and excellent transient performance also at part load operation.

Your benefits

- Compact and powerful
- Exceptionally low emissions of NO_x, CO₂, SO_x and particulates
- Low energy consumption
- IMO Tier III compliant without SCR
- Optimum response at all engine loads (Variable Turbo Geometry)
- Super silent resilient mounting
- Service friendly
- 24/7 support

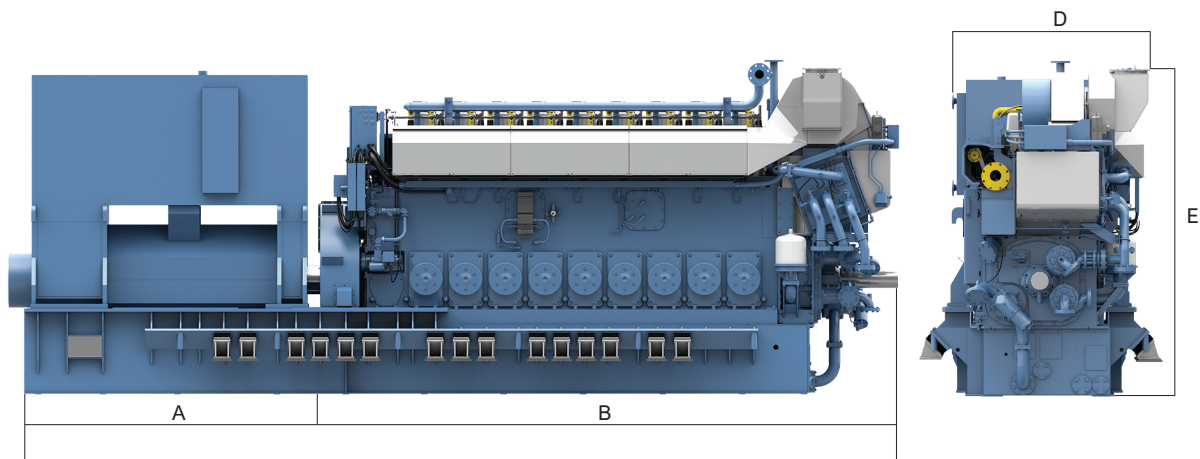
Technical data for Bergen C-engine at 900 and 1000 rpm

Engine type		C26:33L6AG	C26:33L8AG	C26:33L9AG
Number of cylinders		6	8	9
Engine speed	r/min	900/1000	900/1000	900/1000
Mean piston speed	m/s	10/11	10/11	10/11
Max.cont rating (MCR)	kW	1460/1620	1940/2160	2190/2430
Max.cont rating altern, (h=0.96)	kW	1401/1555	1840/2050	2102/2332
Max.cont rating altern, (Cosφ=0.8)	kVA	1751/1943	2300/2563	2627/2915
Mean effective pressure (BMEP)	bar	18.5	18.5	18.5
Specific energy consumption	kJ/kWh	7550	7550	7500
Specific lubricating oil consumption	g/kWh	0.4	0.4	0.4
Cooling water temp. engine outlet	°C	90	90	90

The performance data is based on: Marine gas engine ratings are according to ISO 3046-1, at maximum 45°C ambient air temperature and maximum 32°C sea water temperature. Specific fuel gas consumption excluding engine driven pumps is based on reference natural gas with Methane number above 70 and net calorific value of 36 MJ/nm³. If there are engine driven pumps, add 0,5% for each pump. Gas feed temperature is 20-40°C. Minimum gas feed pressure to Gas Regulating Unit to be 4,5 barg.

Waste heat recovery: Necessary data for arranging waste heat recovery plants (exhaust gas and cooling water) are available upon request.

Note: Due to continuous development, some data may be changed without notice.



Principal dimensions

Cylinder dia. 260 mm. Piston stroke 330 mm. All dimensions in mm.

ENGINE TYPE	A	B	C	D	E	ENGINE**	ALTERNATOR	TOTAL
C26:33L6A	2799	4176	6975	1898	3195	21500 kg	9985 kg	31485 kg
C26:33L8A	2999	4936	7935	1898	3195	27800 kg	12200 kg	40000 kg
C26:33L9A	2999	5316	8315	1992	3230	31000 kg	12200 kg	43200 kg

Dimensions given apply for resiliently mounted engines. Choice of alternator may effect the given dimensions and weights.

Engine** = weight engine and foundation.

Weight dry engine.