

Medium-speed commercial marine gas engines

## C26:33 IN-LINE PROPULSION

**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<sub>x</sub>, CO<sub>2</sub>, SO<sub>x</sub> 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

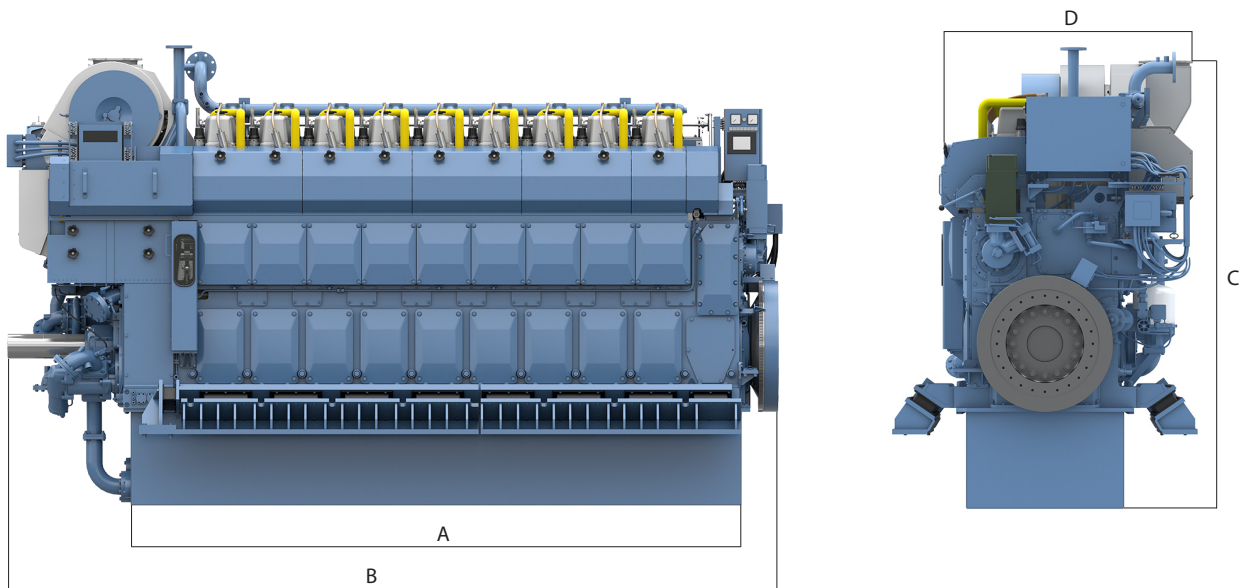
### Technical data for Bergen C-engine at 900 and 1000 rpm

Engine type		C26:33L6PG	C26:33L8PG	C26:33L9PG
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
Mean effective pressure (BMEP)	bar	18.5	18.5	18.5
Specific energy consumption	kJ/kWh	7550	7550	7550
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/nm<sup>3</sup>. 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	WEIGHT DRY ENGINE
C26:33L6PG	3170	4176	3161	1729	17500 kg
C26:33L8PG	3930	4936	3161	1785	25800 kg
C26:33L9PG	4310	5316	3161	1785	29000 kg