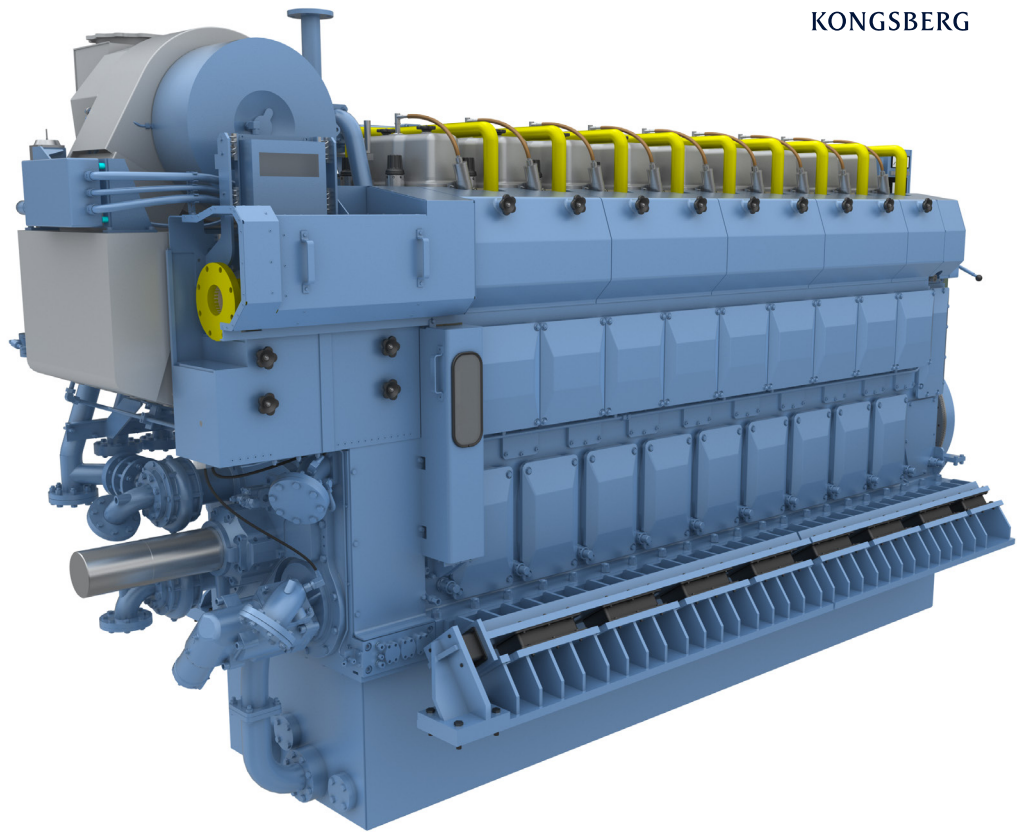


BERGEN C26:33L - LEAN BURN GAS ENGINE

Kongsberg Maritime is the exclusive distributor of Rolls-Royce Bergen medium speed engines for commercial marine applications



KONGSBERG



GAS ENGINES

Bergen C26:33L - lean burn gas engine, Marine

FEATURES

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

Choose Bergen engines for cost-effective operation.

Bergen engines have been in operation for more than seventy years and produced four stroke medium speed engines for marine propulsion, marine generating set and power generation to customers world wide. The engines are designed to meet the toughest operational environment within the marine industry.

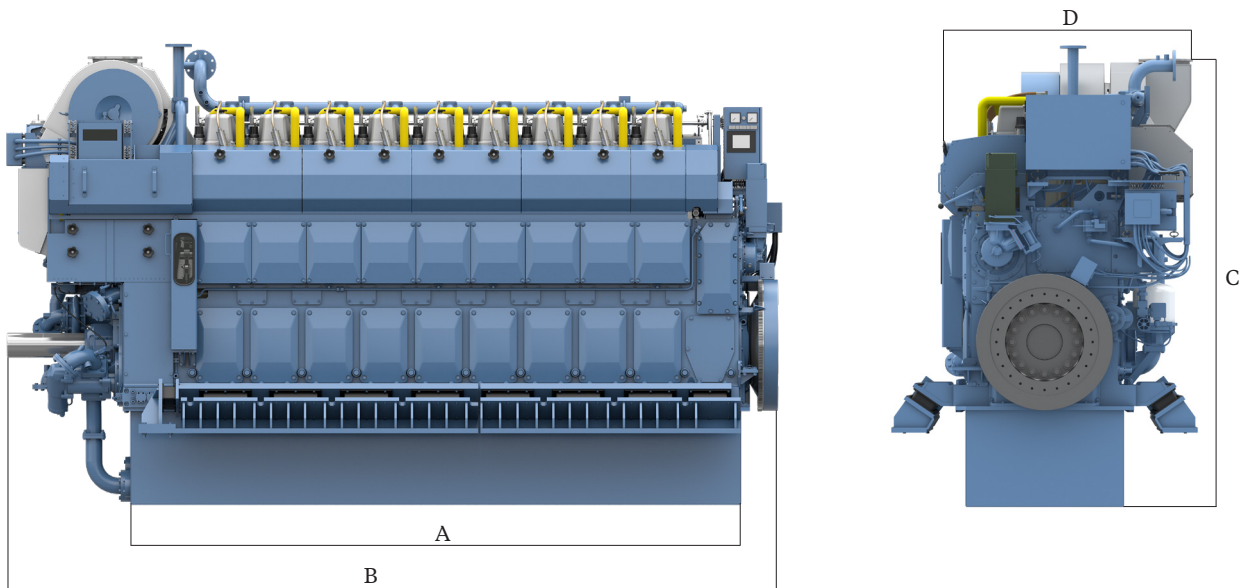
TECHNICAL DATA FOR BERGEN C-ENGINE AT 900 AND 1000 RPM

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/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.

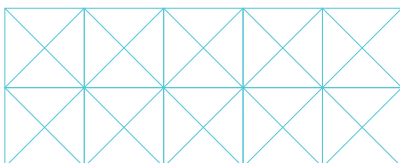
Note: Due to continuous development, some data may be changed without notice.



Principal dimensions

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

ENGINE TYPE	A	B	C	D	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



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