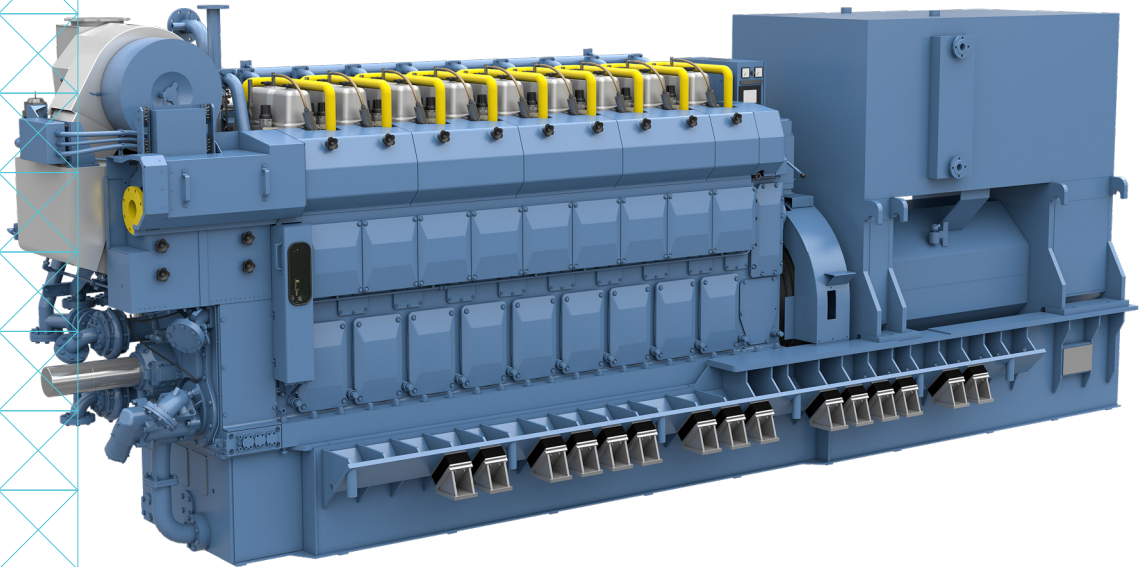


BERGEN C26:33L - LEAN BURN GAS ENGINE

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

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.

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

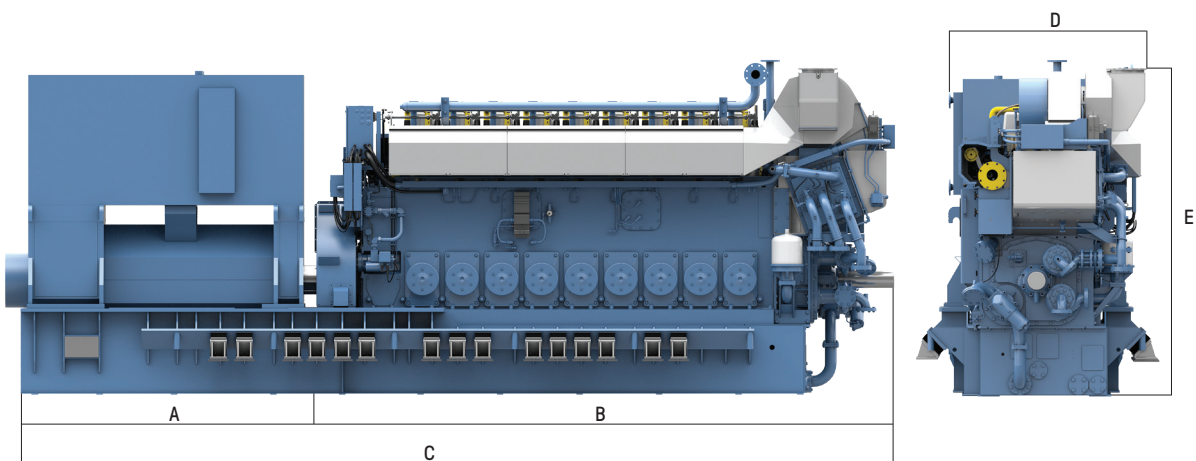
TECHNICAL DATA FOR BERGEN C-ENGINE AT 900 AND 1000 RPM

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, (Cosf=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.



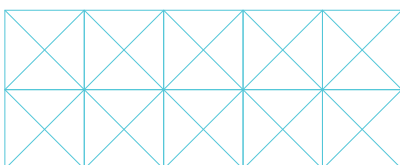
Principal dimensions

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.



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