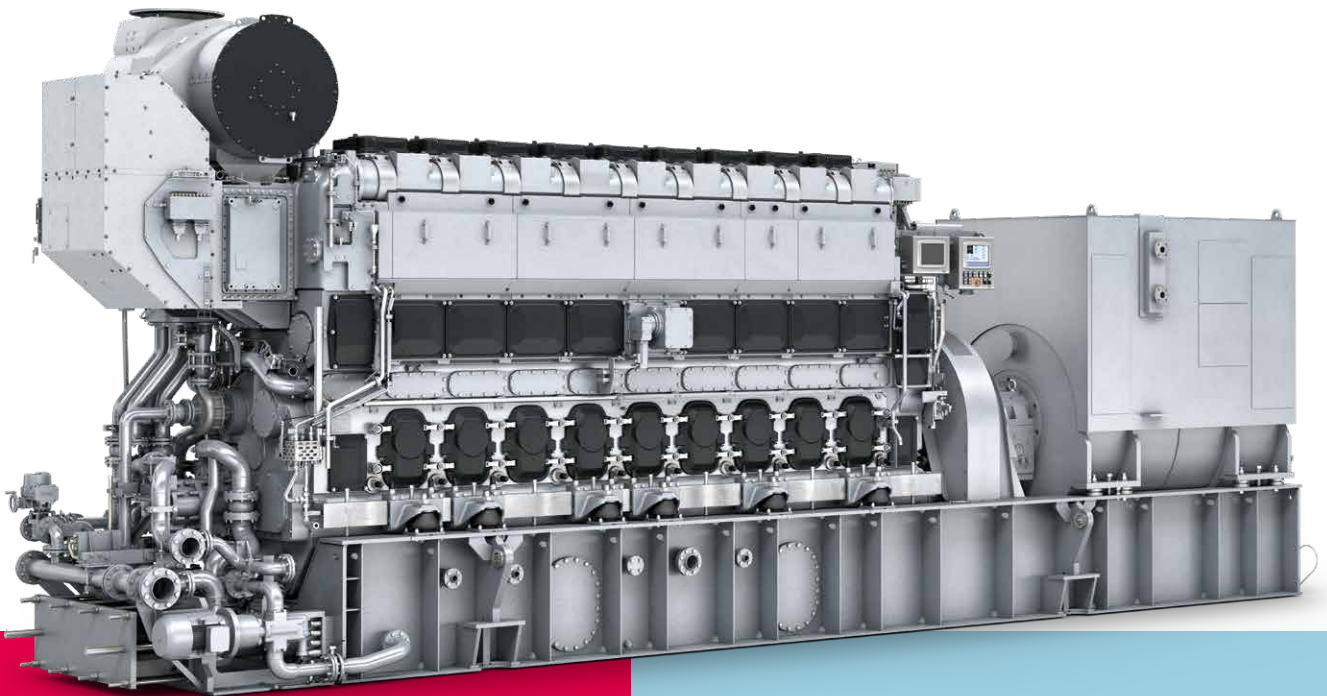


GenSet

Four-
stroke
marine
systems

L32/44CR



The 32/44CR engine represents the latest technologies in the area of medium speed marine diesel engines. By using electronic injection, high efficiency turbochargers, electronic hardware, and variable valve timing the 32/44CR is a synthesis of the most advanced large engine technologies available.

Benefits at a glance

- High efficiency
- High specific power output
- Low emissions
- Low operating and life cycle costs
- Long maintenance intervals and service life
- High reliability

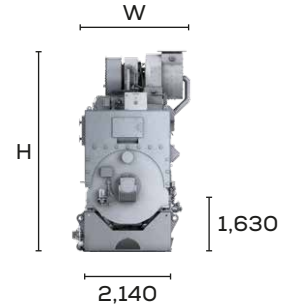
Everllence

L32/44CR

Genset

Dimensions

Cyl. No.	6	7	8	9	10
L (mm)	10,386	10,896	11,385	11,871	12,601
L ₁ (mm)	9,331	9,861	10,231	10,761	11,491
W (mm)	2,831	3,018	3,018	3,018	3,018
H (mm)	4,768	4,955	4,955	4,955	4,955
Dry mass (t)	74	82	88	95	103



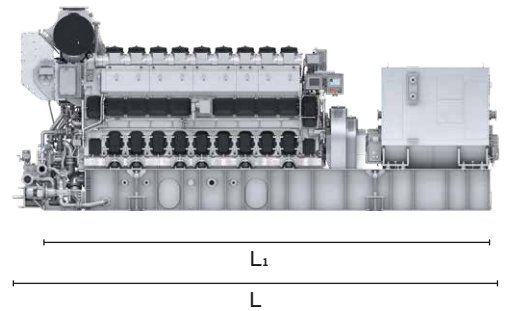
Output

Speed (rpm)	750	750	720	720
Frequency (Hz)	50	50	60	60
	Eng.	Gen.*	Eng.	Gen.*
6L32/44CR (kW)	3,600	3,474	3,600	3,474
7L32/44CR** (kW)	4,060	3,918	4,060	3,918
8L32/44CR (kW)	4,800	4,632	4,800	4,632
9L32/44CR (kW)	5,400	5,211	5,400	5,211
10L32/44CR (kW)	6,000	5,790	6,000	5,790

* Based on nominal generator efficiencies of 96.5 %

** 580 kW/cyl

Last updated May 2025



General

- Engine cycle: four-stroke
- No. of cylinders: 6, 7, 8, 9, 10
- Bore: 320 mm – Stroke: 440 mm
- Swept volume per cyl: 35.4 dm³

Fuel consumption at 85 % MCR*

- SFOC: 172 g/kWh
- SFOC: 175 g/kWh, 580 kW (7 cyl.)

Cylinder output (MCR)

- At 750/720 rpm: 600 kW
- At 750/720 rpm: 580 kW (7 cyl.)
- Power-to-weight ratio: 16.2 – 19.7 kg/kW

Compliance with emission regulations*

- IMO Tier II
- IMO Tier III (with SCR)
- EPA Tier 2

Everllence

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 P + 49 821 322-0
 F + 49 821 322-3382
 info@everllence.com
 www.everllence.com

Main features

Turbocharging system

- High efficiency constant pressure TCR series exhaust turbocharging system

Engine automation and control

- Everllence's in-house developed engine attached safety and control system SaCoS 5000

Fuel system

- Advanced electronic common rail injection system

Lube oil system

- Attached lube oil automatic filter

Cooling system

- 2-string high and low temperature cooling water systems

Starting system

- Pressurized air starter (turbine type)

Engine mounting

- Direct resilient mounting of the engine on the foundation frame (cone elements)

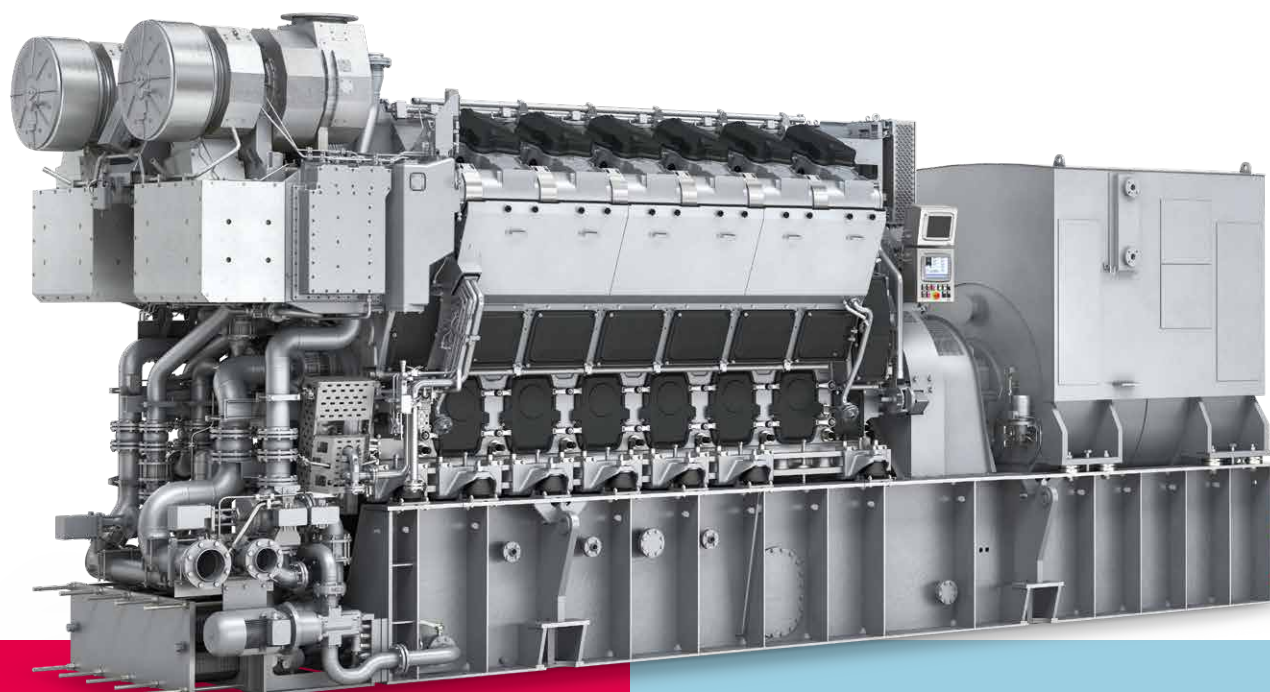
Optional equipment

- ECOMAP concept – using different IMO Tier II compliant injection maps to improve fuel economy
- Frame auxiliary box (FAB) attached at engine free end available

MCR = Maximum continuous rating
 SCR = Selective catalytic reduction
 SFOC = Specific fuel oil consumption

* According to IMO E2 test cycle

V32/44CR



The 32/44CR engine represents the latest technologies in the area of medium speed marine diesel engines. By using electronic injection, high efficiency turbochargers, electronic hardware, and variable valve timing the 32/44CR is a synthesis of the most advanced large engine technologies available.

Benefits at a glance

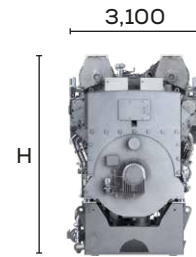
- High efficiency
- High specific power output
- Low emissions
- Low operating and life cycle costs
- Long maintenance intervals and service life
- High reliability

V32/44CR

Genset

Dimensions

Cyl. No.	12	14	16	18	20
A (mm)	7,075	7,705	8,335	8,965	9,595
B (mm)	4,301	4,501	4,346	4,346	4,546
C (mm)	11,376	12,206	12,681	13,311	14,141
H (mm)	4,771	5,014	5,014	5,014	5,014
Dry mass (t)	117	144	146	163	174



Output

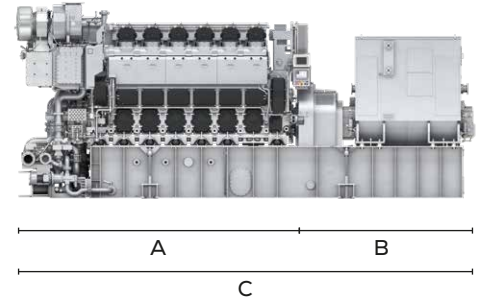
Speed (rpm)	750	750	720	720
Frequency (Hz)	50	50	60	60
	Eng.	Gen.*	Eng.	Gen.*
12V32/44CR (kW)	7,200	6,984	7,200	6,984
14V32/44CR** (kW)	8,120	7,876	8,120	7,876
16V32/44CR*** (kW)	9,600	9,312	9,600	9,312
18V32/44CR (kW)	10,800	10,476	10,800	10,476
20V32/44CR (kW)	12,000	11,640	12,000	11,640

* Based on nominal generator efficiencies of 97 %

** 580 kW/cyl

*** 18V32/44CR available rigidly mounted only

Last updated May 2025



General

- Engine cycle: four-stroke
- No. of cylinders: 12, 14, 16, 18, 20
- Bore: 320 mm – Stroke: 440 mm
- Swept volume per cyl: 35.4 dm³

Fuel consumption at 85 % MCR*

- SFOC: 171 g/kWh
- SFOC: 174 g/kWh, 580 kW (14 cyl.)

Cylinder output (MCR)

- At 750/720 rpm: 600 kW
- At 750/720 rpm: 580 kW (14 cyl.)
- Power-to-weight ratio:
14.3 – 16.3 kg/kW

Compliance with emission regulations*

- IMO Tier II
- IMO Tier III (with SCR)
- EPA Tier 2

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