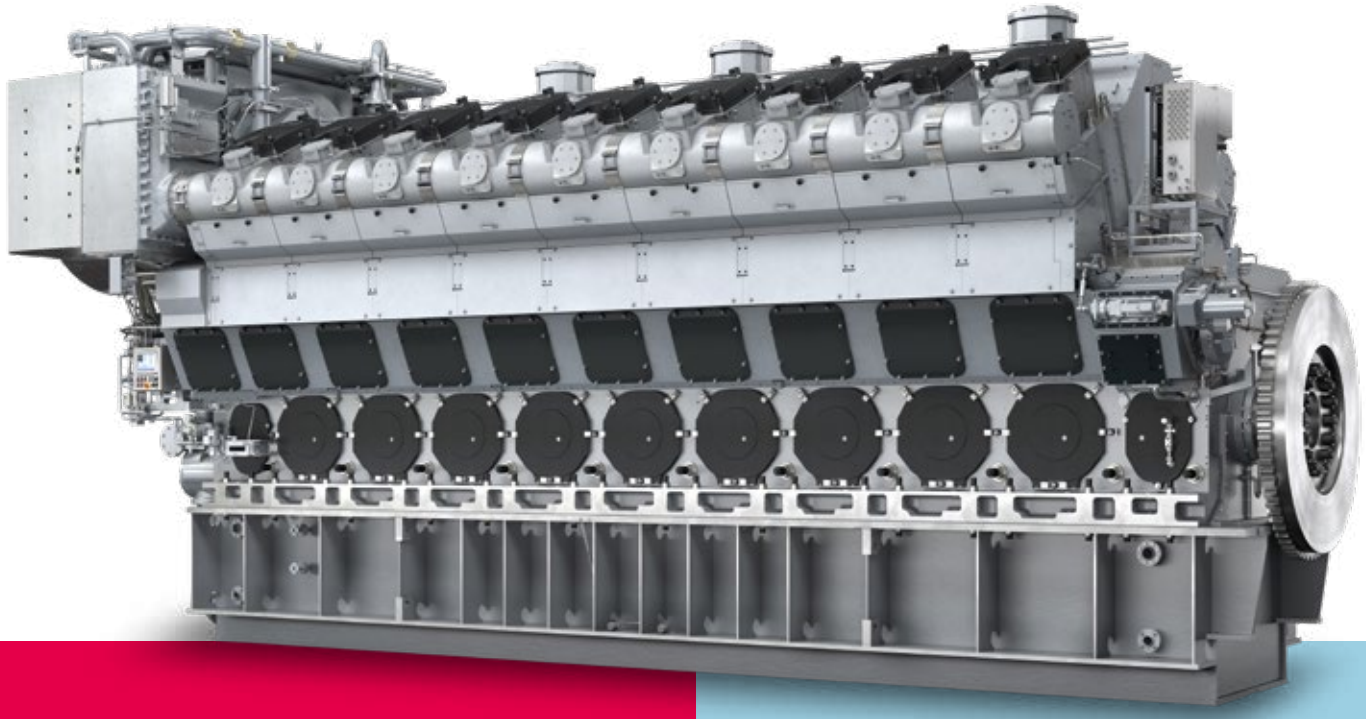
51/60



This highly efficient and robust liquid fuel engine offers excellent dynamic values and adapts easily to different output requirements. Its low specific fuel oil consumption significantly reduces operational expenditure. The 51/60 is easily convertible to dual fuel or gas – ideal for plants starting on liquid fuel and preparing for future gas use.

Benefits at a glance

- High efficiency
- Variable power output settings
- Long time between overhauls

Everllence

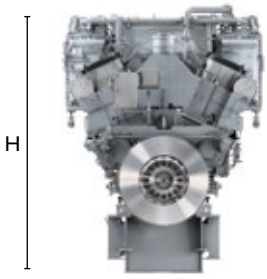
51/60

Dimensions

Cyl. No.	6 L		9 L		12 V		18 V	
L	8,464 mm	333.2 in	11,067 mm	435.7 in	9,970 mm	392.5 in	13,489 mm	531 in
H	5,807 mm	228.6 in	5,807 mm	228.6 in	6,450 mm	253.9 in	6,450 mm	253.9 in
W	3,156 mm	124.2 in	3,251 mm	128.0 in	4,884 mm	192.2 in	4,884 mm	192.2 in
Engine weight	135.0 t	297,624 lb	180.0 t	396,832 lb	238.0 t	524,700 lb	315.0 t	694,456 lb

Output

Cyl. No.	6 L	9 L	12 V	18 V
Output mech. (kW)	6,300	9,450	12,600	18,900
Speed (rpm)	500 / 514	500 / 514	500 / 514	500 / 514
Frequency (Hz)	50 / 60	50 / 60	50 / 60	50 / 60



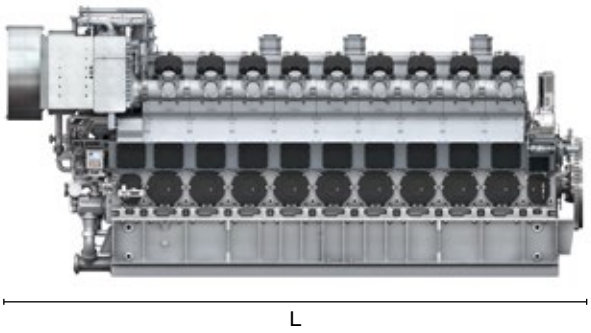
With two-stage turbocharging

Dimensions

Cyl. No.		18 V
L	19,100 mm	751.9 in
H	9,023 mm	355.2 in
W	4,700 mm	185 in
Engine weight	345.0 t	760,594 lb

Output

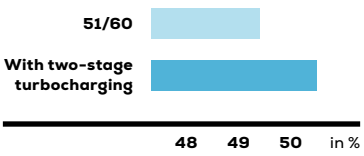
Cyl. No.	18 V
Output mech. (kW)	18,900 / 19,800 / 21,600
Speed (rpm)	500 / 514
Frequency (Hz)	50 / 60



Values according to ISO 3046-1:2002; ISO 15550:2002.
Last updated January 2024

General data
- Engine cycle: four-stroke
- No. of cylinders: 6 L, 9 L, 12 V, 18 V
- Bore: 510 mm / 20.08 in
- Stroke: 600 mm / 23.62 in

Fuel efficiency comparison



Turbocharging system
- Highly efficient constant pressure
- TCA series exhaust gas turbocharging system
- Individual engine / turbocharger optimization matching

Engine automation and control
- SaCos$_{one}$ safety and control system on engine, developed in-house

Starting system
- Starting air valves inside cylinder head

Fuel system
- Low fuel pressure at engine inlet 5 bar(g) / 72,5189 psi
- Robust conventional injection system

Applications
- High efficiency base-load power plants
- Installations that are to be operated with gas at a later date
- Areas with no gas infrastructur

Contact
Everllence
86224 Augsburg, Germany
P +49 821 322-0
info@everllence.com
www.everllence.com