



# V12-1400 and V12-1550

## Engine description

### Characteristics

- Cylinders and arrangement: 12 cylinders in 90° V arrangement
- Operation mode: 4-stroke diesel engine, watercooled
- Turbocharging: Turbocharger with charge air intercooler and waste gate
- Number of valves: 4 valves per cylinder
- Fuel system: Common Rail direct fuel injection with electronic control
- Engine lubrication: Closed system with forced feeding, oil cooling and filtering
- Type of cooling: Plate heat exchanger, seawater cooled
- Engine control: Electronic injection control (EDC)  
Electronic engine monitoring including diagnostic unit
- Fuel: DIN EN 590

# V12-1400 and V12-1550

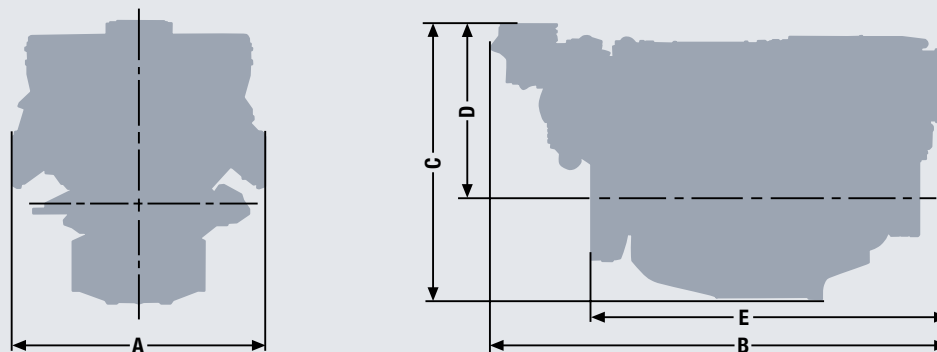
## Technical data

### Technical features V12-1400 and V12-1550

Type designation		V12-1400	V12-1550
Displacement	l	24.24	24.24
Maximum output to DIN ISO 3046-1	kW (hp)	1,029 (1,400)	1,140 (1,550)
Rated speed	rpm	2,300	2,300
Maximum torque	Nm	4,680	5,180
at speed	rpm	1,200–2,100	1,200–2,100
Absolute fuel consumption at rated power <sup>1)</sup>	l/h	267	299
Classifiable		✓	–
Exhaust gas status		IMO Tier II, EPA Tier 3 <sup>2)</sup> , RCD 2013/53/EC, RCD 94/25/EC, 97/68/EC	IMO Tier II, EPA Tier 3 <sup>2)</sup> , RCD 2013/53/EC, RCD 94/25/EC, 97/68/EC

1) Tolerance +5% according to DIN ISO 3046-1

2) for private use only



### Dimensions V12-1400 and V12-1550

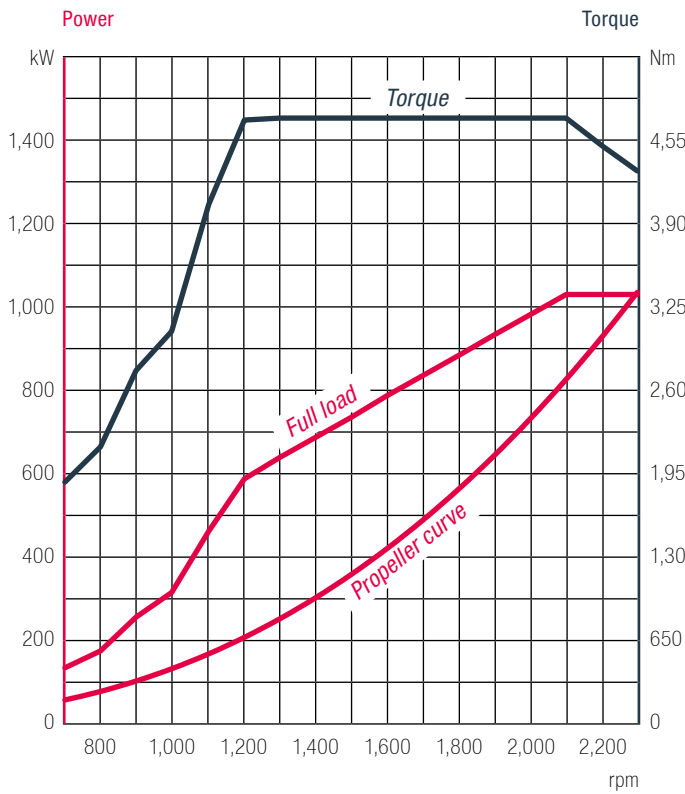
Type designation		V12-1400/1550
A-Overall width	mm	1,153
B-Overall length	mm	2,130
C-Overall height	mm	1,230
D-Top of engine to crankshaft centre	mm	765
E-Length of engine from front end to edge of flywheel housing	mm	1,630
Average weight of engine ready for installation (dry)	kg	2,270

For detailed examinations of installation dimensions, please order drawings from our factory.

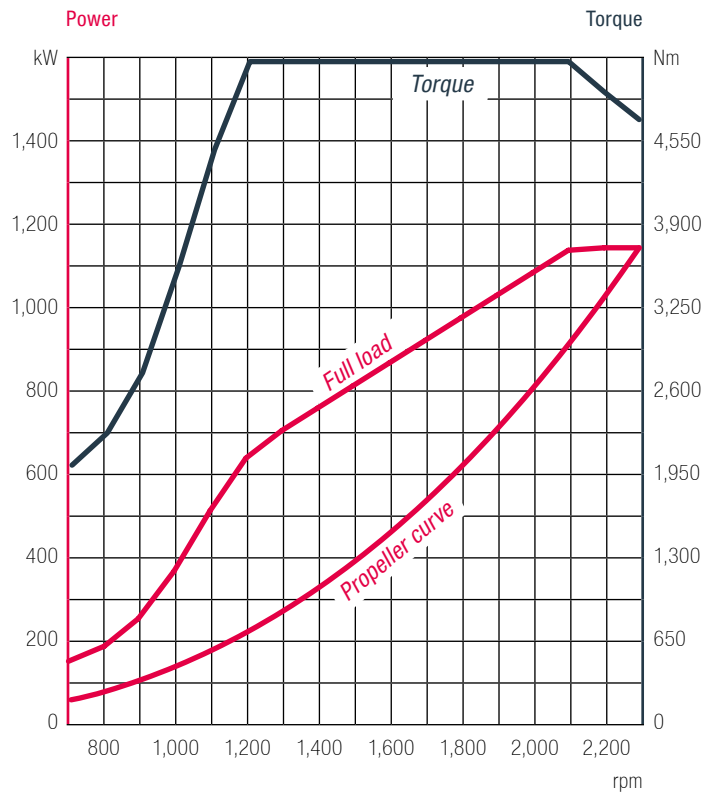
# V12-1400 and V12-1550

## Power charts

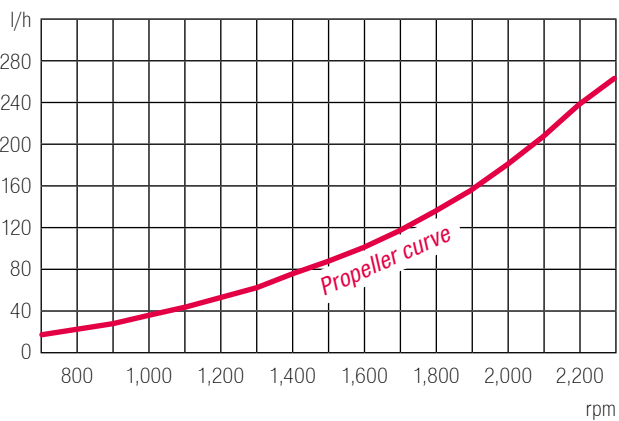
V12-1400



V12-1550



Absolute fuel consumption



Absolute fuel consumption

