Shanghai Diesel Engine Co., Ltd.

D683ZLCa8B (max power 258kW/2400r/min)

marine diesel engine

- specification

Cyl No&type: 6 in-line
Type: 4 stroke/direct injection/turbocharged&intercooled
bore: 114mm
stroke: 135mm
compression ratio: 16:1
rated power: 234.5 kW
rated speed: 2330 r/min
overload power: 256kW
overload speed: 2400 r/min
oceangoing rated power: 228.5 kW
oceangoing overload power: 251 kW
rated fuel consumption: \( \leq 218 \) g/kW.h
oil consumption: \( \leq 0.8 \) g/kW.h
min unload speed: 700r/min
Speed Governing Rate: \( \leq 10\% \)
cooling system: Seawater-fresh water double system
start mode: starter (24V)
Crankshaft Rotation: Anticlockwise (From flywheel end)
noise: \( \leq 118 \) dB(A)
emission: IMO
net weight: 800 kg
exhaust temp: \( \leq 420^\circ \)C
exhaust smoke: \( \leq 2.0 \) Bosch
Air intake flow: 1260m\(^3\)/h
Exhaust flow: 780kg/h
oil capacity: 13/17 L
performance curve
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overall drawing